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Established 1848

Peter Henderson & Co's
CATALOGUE
OF

EVERYTHING
for the
GARDEN.

1880

Seedsman & Florists,
NO. 35 CORTLANDT ST.

New York.

Books on Gardening,

By **PETER HENDERSON.**

For those who have not seen our works on Gardening, we give below a brief statement of their scope and contents.

"GARDENING FOR PROFIT."

To such as are intending to begin the business of Market Gardening, we offer for their instruction our work, "Gardening for Profit," published first in 1866, and new edition in 1873. "Gardening for Profit" has had a larger sale probably than any work ever published on the subject of Horticulture. Upwards of fifty thousand copies have been sold, and we have hundreds of grateful testimonials from those who have been benefited by its teachings. The subjects of its contents are:

The Men fitted for the Business; Amount of Capital Required and Working Force per Acre; Profits of Market Gardening; The Market Gardens near London; Location, Situation, and Laying out; Soils, Drainage and Preparation; Manures; Implements; The Uses and Management of Cold Frames; The Formation and Management of Hotbeds; Forcing Pits and

Greenhouses; Seeds and Seed Raising; How, When and Where to Sow Seeds; Transplanting; Packing of Vegetables for Shipping; Preservation of Vegetables in Winter; Insects; Vegetables, their Variety and Cultivation; Monthly Calendar of Operations.

Our second work, written in 1868, second edition in 1873, and the third edition December, 1878, is entitled:

"PRACTICAL FLORICULTURE,"

and it, like its contemporary, was written to teach how flowers and plants can be best "grown for profit." The success of this has been even more marked than the first, when we consider that it only refers to a business exclusively a luxury. Upwards of twenty-five thousand copies of this work have been sold, and it has been the means of establishing thousands of persons in an agreeable, and in a majority of cases, profitable business. Its contents embrace:

Aspect and Soil; Laying out the Lawn and Flower Garden; Designs for Ornamental Grounds; Planting of Flower Beds; Soils for Potting; Temperature and Moisture; The Potting of Plants; Cold Frames—Winter Protection; Construction of Hotbeds; Greenhouse Structures; Greenhouses attached to dwellings; Modes of Heating; Base-Burning Water Heater; Propagation of Plants by Seeds; What Varieties come true from Seed; Propagation of Plants by Cuttings; How Plants and Flowers are grown; Propagation of Lilies; Culture of the Rose; Culture of the Verbena; Culture of the Tuberose; Orchid Culture; Holland Bulbs; Cape Bulbs, Varieties and Culture; Culture of Winter-Flowering Plants; Construction of

Bouquets, Baskets, &c.; Wire Designs for Cut Flowers; Hanging Baskets; Parlor and Window Gardening; Wardian Cases, Ferneries, &c.; Formation of Rock-work; Insects; Are Plants Injurious to Health? Nature's Law of Colors; Packing Plants; Plants by Mail; The Profits of Floriculture; How to become a Florist; Short Descriptions of Soft-Wooded or Bedding Plants of the Leading Kinds; What Flowers will Grow in the Shade; Greenhouse and Stove or Hothouse Plants, Annuals, Hardy Herbaceous, Perennial and Biennial Plants; Ornamental Shrubs and Climbers; Culture of Grape Vines under Glass; Diary of Operations for Each Day in the Year.

Our first two books fell into the hands of many who had no desire to make gardening a business, but who yet wished for information on the subject for their private use. To such it was found that a book detailing operations on a smaller scale, yet embracing, as far as possible, all the information on the subject, was much wanted. To supply this want we, in 1875, wrote

"GARDENING FOR PLEASURE,"

and it is flattering to state that the demand for it, for the time it has been issued, has been greater than either of its predecessors. Its scope of subjects is naturally greater than either "Gardening for Profit," or "Practical Floriculture," as it embraces directions for the propagation and culture of fruit, flowers and vegetables. Its contents include:

Soil and Location; Drainage; Preparation of the Ground; Walks; Manures; How to Use Concentrated Fertilizers; Special Fertilizers for Particular Plants; The Lawn; Design for Garden; Planting of Lawns and Flower-Beds; Fall or Holland Bulbs; Propagation of Plants by Seeds; Propagation of Plants by Cuttings; Propagating by Layering; About Grafting and Budding; How Grafting and Budding are Done; Treatment of Tropical Plants, Seeds, &c.; The Potting of Plants; Winter-Flowering Plants; Unhealthy Plants—The Remedy; Plants suited for Summer Decoration; Hanging Baskets; Window Gardening; Parlor Gardening, or the Cultivation of Plants in Rooms; Wardian Cases; Ferneries; Jardinieres; Winter-For-

cing the Lily of the Valley; Greenhouses attached to Dwellings; A Detached Greenhouse or Grapery; Heating by Hot Water; Greenhouse Pits Without Artificial Heat; Combined Cellar and Greenhouse; Hotbeds; Shrubs; Climbers and Trees; Hardy Herbaceous Perennials; Annual Flowering Plants; Flowers which will grow in the Shade; Insects; Mildew; Frozen Plants; Mulching; Are Plants in Rooms Injurious to Health? Shading; The Laws of Colors in Flowers; Pruning; Hardy Grapes; Cold Grapery; The Hothouse or Forcing Grapery; The Strawberry; Cottage Gardening—A Digression; The Vegetable Garden; Garden Implements; Monthly Calendar of Operations.

All these works were written by Peter Henderson, the senior member of our firm, and is simply a relation of his extensive experience of over a quarter of a century, in all departments of horticulture. They are written in the plainest language, so that the instructions can be at once understood, no matter how ignorant the reader may be of the subject. The price of "Gardening for Profit," "Practical Floriculture," and "Gardening for Pleasure," is \$1.50 each (prepaid by mail); but to all ordering seeds, plants, or other articles to the value of \$10.00 and upwards (in one order), from this Catalogue, any one of them will be added gratis.

PETER HENDERSON & CO.,
SEEDSMEN, MARKET GARDENERS AND FLORISTS,
35 CORTLANDT STREET, NEW YORK.

To Customers.

January 1st, 1880.

OUR large and comprehensive trade, penetrating as it does into almost every county in the United States and Canada, renders necessary each season, the early issue of this general Catalogue, so only such desirable and tested novelties in both Seeds and Plants that have reached us early enough will be found here catalogued. In the meanwhile, should other new things appear likely to prove of value, we will offer such in a supplementary list later on.

TO CORRESPONDENTS.

We are in receipt of hundreds of letters annually, asking for information on subjects connected with Horticulture. These we shall always be pleased to answer, provided that each question is put clearly by itself, leaving a sufficient blank space beneath the question for our answer. This plan not only saves us time, but the answer is always more intelligible to the party in want of the information; and unless inquiries are so put, we shall not consider ourselves required to reply.

HOW WE TEST SEEDS.

We think we possess some peculiar advantages as Seedsmen that we wish to tell to those to whom we are not personally known. The senior member of our firm is now and has been for the past twenty-five years, personally engaged in growing fruits, flowers and vegetables—in short, is a “Practical Gardener” in the most comprehensive sense of the term. Our Florists’ or Greenhouse establishment, which he personally superintends, covers nearly three acres, solid in glass, and employs an average of fifty hands throughout the year. These greenhouses, being at all temperatures, give us a certain means of testing the germinating qualities of all our Seeds, and no seeds of any importance are ever sold without being subject to the most thorough test. We have also for the past five years had a piece of ground set apart as an **Experimental Garden**, wherein samples of all the leading vegetables and novelties in flowers are tested. The value of this plan can hardly be estimated. Not only does it enable us to judge of what is meritorious in new varieties, but what is far better by this comparative test, to discard all varieties that in our judgment are unworthy of cultivation, by actual experiment under our direct personal superintendence. We cordially invite any one interested in such experiments to call and examine them during the Summer and Fall months. Our Gardens in Jersey City are within 40 minutes’ time, by Ferry Boat and Horse Cars, from our Seed Store, 35 Cortlandt Street, New York, where a card with plain directions of “How to reach the Nursery,” will be given to any one applying.

FORWARDING OF ORDERS.

We wish to call attention to the important change we have made in regard to the mailing of Vegetable Seeds at catalogue prices. Formerly we sent *Vegetable* as well as *Flower Seeds* by Mail at catalogue rates. Our prices are now reduced to the basis of purchasers paying delivery charges on all *Vegetable Seeds* to be sent either by express or freight. Whenever it is desired, however, we will, as heretofore, send *Vegetable Seeds* by Mail; but in such cases postage must always be added to catalogue prices at the rate of 16 cents per pound. Please understand that this change affects only *Vegetable Seeds*, ordered in quantities of one-quarter of a pound, and upward. When *Vegetable Seeds* are ordered in small quantities—by the packet and ounce—we will send by mail as we have always done, without extra charge.

Customers will greatly oblige us by making out their orders on the Order Sheets which we send with Catalogue. EXCEPT in RARE CASES, ALL ORDERS ARE SHIPPED the day AFTER they are received.

We guarantee the safe arrival of all packages to any part of the country, and will also hold ourselves responsible for safe arrival of remittances sent us, when made in the form of a Draft or Post-Office Order. Remittances sent us in any other way are entirely at the risk of the sender.

PREMIUMS.

All customers who purchase goods from this Catalogue, to the extent of \$10.00 and upward (in one order), will be sent their choice of any one of Mr. Henderson’s three books: “*Gardening for Profit*,” “*Practical Floriculture*,” or “*Gardening for Pleasure*,” without extra charge; but it is understood that the book wanted must be selected at the time of ordering. When a book is not desired, its value (\$1.50) may be selected in Seeds or Plants.

PETER HENDERSON & CO.,

35 Cortlandt Street, New York.

PETER HENDERSON, }
JAMES REID, }
ALFRED HENDERSON. }

For Novelties in Flower Seeds please see pages at the end of this General List.

General List

OF

FLOWER SEEDS.

All Flower Seeds sent free by mail on receipt of price.

Cucurbitaceae **ABOBRA.** (See cut.) Per Pkt.

Abobra Viridiflora. A rapid-growing and exceedingly beautiful climbing gourd. It produces freely dazzling scarlet fruits, which form a striking contrast against the dark glossy green of the foliage. *Half-hardy Perennial*.....10

Verbenaceae **ABRONIA.**

Verbena-like plants, not only in their creeping style of growth, but also in the appearance of the flowers; here, too, we find a color—yellow—never to be found in the Verbena. All the varieties are deliciously fragrant, especially towards evening. *Half-hardy Annuals*.

Abronia Aretaria. Waxy yellow, $\frac{1}{2}$ ft.10

—Fragrans. A remarkable new variety; the flowers, when fully expanded, are snow-white, diffusing a vanilla-like fragrance for some distance. Not strictly an annual, but, if sown early in a cool greenhouse or frame, will bloom the first season; $1\frac{1}{2}$ ft.25

—Umbellata. Rosy lilac, $\frac{1}{2}$ ft.10

Malvaceae **ABÜTILON.**

One of our best greenhouse plants, flowering freely during the spring and winter months; the flowers are bell-shaped, and, in most of the varieties, are to be found crimson grounds, streaked with yellow; yellow grounds, veined red; pure white, and clear yellows. Sown before April they will bloom the first season. *Perennials*.

Abutilon. Fine mixed of above shades, 2 to 6 ft.25

—Darwini. A fine novelty of two years ago. Flowers parachute-shaped, 2 inches in diameter; color deep orange, tinted crimson.50

Leguminosae **ACACIA.**

Very desirable plants for greenhouse or conservatory culture, but in this country of no special value for open-air planting. The flowers, small and globular, are formed in thick clusters on long spikes. Soak the seeds in warm water for several hours before sowing. *Greenhouse Shrubs*.

Acacia. Fine mixed varieties.25

Ranunculaceae **ACONITUM.**

Per Pkt.

Showy hardy perennials, growing well under trees, shrubberies, or other shaded situations.

Aconitum Napellus (Monkshood). Blue and white, 2 ft. 5

ACROCLINIUM.

Compositae **ACROCLINIUM.**

This beautiful everlasting flower somewhat resembles the Rhodanthe (of which we give an illustration elsewhere), but the flower heads are of larger size. It is largely used for winter bouquets, for which purpose the flowers should be cut before they are fully expanded. *Half-hardy Annuals*.

Acroclinium Album. Pure white, 1 ft.10

—Roseum. Bright rose, 1 ft.10

Ranunculaceae **ADONIS.**

This genus embraces several popular border flowers, of which we offer only the annual varieties. They are quite showy, remaining a long time in bloom. *Hardy Annuals*.

Adonis Estivalis. Scarlet, 1 ft.5

—Autumnalis. Crimson, 1 ft.5

Caryophyllaceae **AGROSTEMMA.**

Hardy herbaceous plants, free-flowering and attractive.

Agrostemma Caeli Alba. Pure white, 1 ft.10

—Rosea. Rose, 1 ft.10

—Coronaria (Rose Campion). Rose, 2 ft.10

Scrophulariaceae **ALONSOA.**

Flowering all summer, this pretty annual makes one of the most desirable bedding plants that can be grown. *Half-hardy Annuals*.

Alonsoa Grandiflora. Bright scarlet, $1\frac{1}{2}$ ft.10

—Linifolia. A novelty two years ago; flowers beautiful scarlet25

ADLUMIA.

Funariaceae **ADLUMIA.** *Per Pkt.*
An attractive climbing plant with pale green foliage, bearing small flesh-colored blossoms. *Hardy Annuals. Biennial*
Adlumia Cirrhosa (Mountain Fringe). Flesh white, 15 ft.....10

AGERATUM MEXICANUM.

Compositae **AGERATUM.**

Whether grown for summer flowers, or used for winter blooming, this indispensable plant keeps up an almost constant succession of bloom from early summer until the ensuing early spring. It has the further merit of being of the easiest culture. *Half-hardy Annuals.*

Ageratum Mexicanum. Lavender blue, 2 ft..... 5
— *Nanum.* Dwarf blue variety..... 5
— *Album.* White, 15 in.....10
— *Nanum.* Dwarf white, 8 in.....10
— *Lasseauxii.* Rose-colored, 15 in.....10

Coniceae **ALYSSUM.**

Seedsman, perhaps, sell more seed of Sweet Alyssum than of any other annual grown. Whether used for summer blooming or for flowering in fall and winter in the parlor or greenhouse, its easy culture, the delicate honey-like fragrance of its flowers, so much prized in bouquets and baskets, renders it most unlikely that this old favorite will be ever cast aside.

Alyssum Sweet. Flowers white. *Hardy Annual*..... 5
— *Saxatile Compacta.* Showy yellow. *Hardy Perennial*.....10
— *Wiersbeckii.* White and yellow. *Hardy Perennial*.....10

Compositae **AMMOBIUM.**

A leading everlasting flower. There is only one known species, that named below, which bears a white flower an inch in diameter. *Hardy Annual.*

Ammobium Alatum. 2 ft..... 5

Primulaceae **ANAGALLIS.**

Similar in habit of growth to the *Anricta*, and it will be found equally as useful in rock-work or borders, where low-growing plants are mostly used. *Half-hardy Annuals.*

Per Pkt.
Anagallis Grandiflora Cernua. Large sky-blue flowers, ½ ft.....10
— *Sanguinea.* Ruby red, ½ ft.....10

AMARANTHUS TRICOLOR.

Amarantaceae **AMARANTHUS.**

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equaled by any similar class of plants. They are useless, however, as pot plants, being only intended for bedding-out purposes, for which, as we have just said, they are unsurpassed. Being tender annuals, they should never, in this latitude, be planted out before May 15th. *Half-hardy Annuals.*

Amaranthus Atropurpureus. Blood red foliage, drooping flower spikes; 6 ft.....10
— *Bicolor Ruber.* Foliage green and dark red, tipped with yellow; 3 to 5 ft.....10
— *Henderi.* One of our newer varieties, presenting in its beautiful leaf-markings a range of color not often seen.....15
— *Melancholicus Ruber.* Foliage blood red.....10
— *Salicifolius* (Fountain Plant). This magnificent variety attains a height of from four to six feet, with gracefully drooping willow-shaped leaves. In the later stages of growth the leaves are brilliantly banded and tipped with orange, carmine and bronze.10
— *Tricolor* (Joseph's Coat). Leaves red, yellow and green. 5

ANCHUSA.

One of the few plants that will do well in shaded situations, and will therefore be found valuable for city yards or other locations where the sun only strikes at certain times in the day. *Hardy Perennial.*

Anchusa Italica (Italian Alkænet). Blue, 2 ft..... 5

Ranunculaceae **ANEMONE.**

The best of this class that can be raised from seed is *A. Coronaria*, a very pleasing hardy perennial, flowering in early spring. Flowers are large, running through various shades of scarlet, purple, blue, white and striped, and quite often will be found varieties with an eye of a different hue from the rest of the flower.

Anemone Coronaria (Poppy Anemone). Mixed colors, as above, 1 ft.....10

ANGELONIA.

Equally desirable as a pot-plant for the parlor or greenhouse in winter or for outside planting in spring. It forms a plant 18 inches high, terminated by long spikes of cup-shaped fragrant flowers, in color bright scarlet spotted with white. Although a perennial, it flowers the first season sown.

Angelonia Grandiflora. Described above.....25
— *Atropurpurea.* (See Novelties).....50

Scrophulariaceae **ANTIRRHINUM MAJUS** (Snap Dragon).

One of our favorite plants, of the easiest culture, and unsurpassed for summer and fall flowering. Of late years there is scarcely a limit to the numberless varieties produced. The strains we sell are particularly fine, and will fairly vie with the Carnation in the variety of their stripes and spots. *Perennial.*

Antirrhinum Majus Tom Thumb. Dwarf-growing, 1 ft..... 5

— *Fine Mixed.* From our named collection, 2 to 3 ft.10
— *Turner's Extra Choice.* Saved from finest flaked and mottled varieties.....25

AQUILEGIA CHRYSANTHA.

Ranunculaceae **AQUILEGIA (Columbine).** Per Pkt.

The peculiar formation of the flowers of this class, so odd, and almost unlike anything else to be found in plant life, renders them desirable on this account alone. They are exceedingly showy, and rank among the best plants for early summer blooming. *Hardy Perennials.*

- Aquilegia Alba Flore Plena.** Double white, 1½ ft., 10
 — **Chrysantha** (Golden-Spurred Columbine). A strong-growing, beautiful variety, attaining a height of four feet. Flowers bright yellow, produced freely all summer. (*See Cut*).....25
 — **Californica Hybrida.** A striking novelty of last year. Flowers large; the centre petals are golden yellow, and form a marked contrast to the deep orange red of its sepals and spurs.....50
 — **Cœrulea Hybrida.** Another fine sort introduced last season. The centre petals are yellow, while the spurs and sepals are a beautiful porcelain blue....50
 As both of these hybrids are perfectly hardy, they will be an important addition to the old, but pretty genus of Columbine.
 — **Durandi.** Double, red and white striped, 1½ ft.....10
 — **Glandulosa.** Blue and white.....10
 — **Skinneri.** Scarlet and yellow, 1½ ft.....10
 — **Mixed Double.** All colors.....10
 — **Single.** All colors.....5

Cruciferae **ARABIS.**

One of the earliest blooming plants, and, therefore, well adapted for borders. It is also used for rock-work and kindred planting, for which it is well suited. *Hardy Perennials.*

- Arabis Alpina.** White, ¾ ft.....10

ARCTOTIS.

An interesting genus, natives of the Cape of Good Hope, of which the two most desirable species are described below. *Half-hardy Annuals.*

- Arctotis Breviscapa.** Bears large orange-colored flowers, with dark centre, 1½ ft.....10
 — **Grandiflora.** Silver-gray foliage. Flowers yellow, having orange crimson centre.....10

ARDISIA.

Ardisia Crenulata. A shrubby greenhouse plant, producing scarlet berries, which remain on the plant for a long time, giving it a very showy appearance.....50

Papaveraceae **ARGEMONE.**

Very showy plants, with large poppy-like flowers. *Hardy Annuals.*

- Argemone Grandiflora.** White, very handsome, 2 ft.. 5
 — **Hunnemannii.** Carmine and yellow, 2 ft.....10
 — **Mexicana.** Yellow, 2 ft.....5

*Christolochiaceae***ARISTOLOCHIA (Dutchman's Pipe).**

Per Pkt.

A quick-growing climber, attaining a height of 30 feet, with large heart-shaped foliage, and whose specific *Sipho* was given on account of the singular formation of its flowers, which are curved like a siphon; it is, however, more widely known under its rather vulgar name of Dutchman's Pipe. *Hardy Perennial.*

- A. Sipho**.....10

ASPERULA.

This hardy annual attains a height of twelve inches, bearing beautiful light blue flowers, sweet scented.

- Asperula Azurea Setosa.** Blue, 1 ft.....10

ASTER, QUILLED.

Compositae **ASTERS.**

It seems scarcely necessary to speak of the merits of such a universally grown plant as this is; yet there may be some who are not aware of the great strides that have been made in the last few years in improved strains, and of the distinct new races that have been originated. Conspicuous among these we may mention the Crown, Goliath, Victoria and Washington classes, which will be a pleasant surprise to those who may this season for the first time grow them. *Half-hardy Annuals.*

- Aster, China.** Fine mixed.....5
 — **Reid's German Quilled.** Flowers double; the petals have the appearance of quills or tubes; height from 1½ to 2 ft.; finest mixed colors.....10
 — **Truffaut's Peony-Flowered.** Very double, of fine form, round as a ball; produces few side flowers; 1½ ft. in height; many colors, mixed.....10
 — **Peony-Flowered Perfection.** Flowers large and double, the petals beautifully in-curved; one of the best in every respect; twenty beautiful colors, mixed.....25
 — **Dwarf Peony-Flowered Perfection, "Black Blue."** A novelty of 1879, presenting a new color in a new race of Asters. It grows but a foot high, producing in abundance peony-like flowers of a dark blue shade.....50
 — — **Rose and White.** A variety of the same new race as the above; color rose and white.....50
 — **Peony-Flowered Globe.** The earliest flowering variety, of branching habit; flowers very double, fine mixed colors.....10
 — **Dwarf Chrysanthemum-Flowered.** A splendid variety of dwarf, compact habit, nine inches in height, flowers large, and produced when other varieties are out of bloom.....10
 — **Dwarf Pyramidal Bonquet.** Height from 12 to 15 inches, a very fine blooming variety; mixed colors.....10
 — **Crown, or Cocardean.** A very handsome variety, with large flowers, the centres of which are pure white, surrounded with many bright colors.....10
 — **Goliath.** The flowers of this class are of enormous dimensions, and of the most perfect form. It blooms profusely; the plant is of strong, robust habit. Five beautiful colors, mixed.....25
 — **Hedgehog, or Porcupine.** The flowers of this variety are composed of long-quilled curious-looking petals; height about two feet. Mixed colors.....10
 — **Rose-Flowered.** The flowers are large and double, the outer petals finely imbricated, 2½ feet in height; extra choice mixed.....25

- Per Pkt.
- **Victoria.** One of the finest Asters in cultivation, flowers very large, perfectly double, imbricated and globular; 20 inches in height; choicé mixed colors. 25
 - **Victoria Dwarf, Snow White.** A most beautiful variety of the preceding; flowers pure snowy white, very double, and of globular shape; forms a compact plant, 10 inches in height. 25
 - **Washington.** This is a new race of Asters. It has sprung from the Victoria class, but differs in being of more vigorous growth, and the flowers will average 4½ inches across. Two colors, white and peach blossom. Mixed. 25
 - **Washington "Silver Gray."** A new color in this new class. (Novelty). 50
 - **"White, Tinted with Rose."** Another new color of this class. (Novelty). 50

COLLECTIONS OF ASTERS AS IMPORTED.

- Truffaut's Peony-Flowered Perfection.** In 12 separate, distinct colors. 1 00
- Reid's Improved Quilled.** In 12 distinct colors. 75
- Dwarf Chrysanthemum-Flowered.** In six distinct colors. 75
- Victoria.** (Fine.) In 12 distinct colors. 1 25
- Goliath.** (New.) In 6 distinct colors. 1 25

AUBRIETIA.

Quite an ornamental genus, of dwarf-growing character, and for this reason is a most appropriate plant for rock-work, or for planting in edgings. The best varieties are:—

Aubrieta Græca. Lilac, ½ ft. *Hardy Perennial.* 10

— **Purpurea.** Purple, ½ ft. *Hardy Perennial.* 10

AURICULA.

Our seed of this grand perennial plant is from one of the best English collections. Flowers are of various shades, yellow, crimson and maroon.

Auricula. Finest mixed, ½ ft. 25

AZALEA.

A splendid greenhouse plant, the varieties of which are now almost numberless, running through nearly every known shade of color.

Azalea Indica. Finest mixed. 25

BALLOON VINE (*Cardiospermum*).

The name of this genus, *Cardiospermum*, is derived from the Greek, and signifies heart seed, in allusion to the white heart-shaped scars on the seed. It is a climbing plant, useful alike for inside or outdoor decoration. *Half-hardy Annual.*

Cardiospermum Halicacabum. White, 5 ft. 5

BALSAM (Lady's Slipper).

Our customers will be very much pleased with all the strains of Balsam that we offer. We take special care in the selection, and our Balsams, as we have them now, cannot be surpassed either in doubleness or in the great variety of colors which they present. *Tender Annuals.*

- Balsam, Double Camellia-Flowered.** Finest mixed, 2 ft. 10
- **Double White.** 10
 - **Double Red.** 10
 - **Double Crimson Spotted.** 10
 - **Flesh-Colored.** 10
 - **Scarlet Mottled.** 10
 - **Crimson Mottled.** 10
 - **White Perfection.** (Novelty of 1879.) Flowers snow-white, round as a silver dollar, of immense size and solidity, and the most thoroughly double of any double Balsam we ever saw. 50
 - **Solferino.** A most beautiful variety, striped and streaked with lilac and scarlet, on a satin white ground. 25
 - **Double.** Extra choice mixed. A particularly fine strain of Balsam. 25

COLLECTIONS OF BALSAMS AS IMPORTED.

- Double Dwarf, Camellia-Flowered.** In 6 colors. 75
- Rose-Flowered.** In 12 colors. 1 00

BELLIS (Double Daisy).

An old favorite and one of the most charming of spring flowers. In bloom from April to June. *Half-hardy Perennial.*

Bellis Perennis. Finest mixed, ¼ ft. 15

— **Alba, fl. pl.** Pure white, double daisy, coming true from seed. 25

BLUMENBACHIA.

Of this we have but one variety, *B. Coronata*, a fine-looking plant. Its flowers are cornet-shaped and orange-red in hue.

Blumenbachia Coronata. 25

BARTONIA.

CALLIOPSIS.

LOASACEÆ

BARTONIA.

Per Pkt.

Plants of a succulent character, with large golden flowers, expanding only in the middle of the day. When in perfection this is a fine plant, and, although its habit and foliage are less attractive than some other annuals, in size and brilliancy of blossoms it is inferior to none. *Hardy Annual.*

- Bartonia Aurea.** Golden yellow, 2 ft. 5
- **Nana.** A dwarf variety of above, growing but 9 inches high. 25

BEGONIA HYBRIDA.

BEGONIACEÆ

BEGONIA.

In the greenhouse or parlor in winter, the graceful pendulous flowers of this beautiful class renders them most desirable, but with added beauty in their glossy waxy foliage they are simply superb. They are equally adapted, too, for summer planting.

- Begonia Pearcei.** This possesses the quality so seldom found in the same plant, of having both beautifully colored leaves and large showy flowers. Yellow. 25
- **Ne Plus Ultra.** Flowers bell-shaped, of immense size, and of a light, dazzling scarlet. 50
 - **Sedent Victoria.** A splendid hybrid variety, having bright carmine-scarlet flowers. 50
 - **Veitchi.** A splendid novelty, with thick fleshy leaves, and large orange-scarlet flowers. This species is hardy in sheltered and dry situations, and will form a most novel addition to rock-work plants. 50
 - **Incana.** The foliage of this variety is covered with a white down, giving it a singular appearance. 25
 - **Rubra.** A newer variety, of which seed is offered for the first time. Foliage of darkest green; the color of the flowers is scarlet-rose, glossy and wax-like. 25
 - **Washingtoniana.** Also a new variety, winter-flowering, with glossy leaves, and immense clusters of rose-colored flowers. 25
 - **Hybrida.** Choice mixed, from the finest varieties. 25

COMPOSITÆ BRACHYCOME.

Dwarf-growing plants, covered all summer with a profusion of Cineraria-like blooms. *Half-hardy Annuals.*

Brachycome Iberidifolia (Swan River Daisy). Mixed, blue and white, ½ ft. 10

Scrophulariaceae **BROWALLIA.** *Per Pkt.*

It is only within a few years that the great value of the Browallia as a bedding plant has been shown. It is now considered indispensable in all massing and ribbon-line gardening; indeed, for all bedding purposes, it is used almost as freely as the Coleus. It is easily reproduced from seed, and requires no special cultivation. *Half-hardy Annual's.*

- Browallia Elata Cœrulea.** Blue, 1½ ft. 5
 — **Alba.** White, 1½ ft. 5
 — **Roezlii.** Mixed colors, blue and white; flowers double the size of the preceding sorts. A novelty in 1878, and a great acquisition. 50

BRYONOPSIS.

A climbing annual of great beauty, bearing green fruits, which change in color as the season advances to bright scarlet striped with white. *Half-hardy Annual.*

- Bryonopsis Laciniosa Erythrocarpa.** 10 ft. 5

Compositæ **CACALIA (Tassel Flower).**

A popular Annual, free-flowering and hardy. Flowers tassel-shaped, yellow and scarlet.

- Cacalia.** Mixed colors, 1½ ft. 5

Bignoniaceæ **CALAMPELIS (Eccremocarpus).**

A quick-growing climber, attaining a height of 10 ft. in a season, and bearing profusely clusters of orange-colored tube-like flowers.

- Calampelis Scaber.** 10

CALANDRINIA.

Portulacacæ **CALANDRINIA.**

Creeping plants, well suited for planting in rock-work or similar situations, where they bloom freely. *Hardy Annuals.*

- Calandrinia Grandiflora.** Rosy pink, 1 ft. 5
 — **Umbellata.** Violet crimson, ½ ft. 5

CALCEOLARIA HYBRIDA.

Scrophulariaceæ **CALCEOLARIA.**

One of the grandest plants in cultivation, but at the same time one of the most difficult for inexperienced cultivators to raise from seed; but if the printed instructions we give on each packet of seed are carefully followed there should be no difficulty in succeeding with them. The dense masses of their beautiful pocket-like flowers are formed in spring.

Per Pkt.

Calceolaria Hybrida Superba. Saved from the finest formed and most beautifully marked varieties. 50

— **New Dwarf.** A beautiful dwarf variety; can be grown without stakes, and is literally loaded with flowers. 50

— **Shrubby.** Splendid varieties for bedding; finest mixed. 50

Compositæ **CALÉNDULA (Cape Marigold).**

Hardy annuals, free blooming and attractive, and growing well in almost all situations.

Calendula Pluvialis. Large, pure white. 5

— **Pongelt, fl. pl.** Double white. 5

Compositæ **CALLIOPSIS, or COREOPSIS.**

This interesting genus are natives of this country, and rank among the best annuals. The flowers on the outer edge are yellow, having a dark purple centre. *Hardy Annual's.*

Calliopsis. Finest mixed. 5

Malvaceæ **CALLIRHOË.**

While the plants are yet very small this begins to bloom profusely, continuing throughout the summer and fall.

Hardy Annual's.

Callirhoe Involucrata. Dark purplish crimson, 1 ft. 10

— **Pedata.** Crimson-purple, with white eye, 2 ft. 10

Campanulacæ **CAMPANULA.**

One of our favorite herbaceous perennial plants, usually sown in the fall, although if sown early in spring will flower the same season. All the varieties are strikingly beautiful.

Campanula Carpatia. Mauve. *Hardy Perennial*, 1 ft. 5

— **Carpatia Alba.** Pure white. *Hardy Perennial*, 1 ft. 5

— **Loreli.** Purple lilac. *Hardy Annual*, 1 ft. 5

— **Loreli Alba.** White, tinged with silver gray. *Hardy Annual*, 1 ft. 5

— **Pyramidalis.** Blue. *Hardy Perennial*, 3 ft. 5

— **Pyramidalis Alba.** White. *Hardy Perennial*, 3 ft. 5

— **Speculum (Venus' Looking-Glass).** Blue, ½ ft. 5

— **White.** ½ ft. 5

— **flore pleno.** A double blue variety of the well-known Venus' Looking-Glass. The seeds will produce about 50 per cent. of double flowers, the fine form of which renders them well suited for bouquets. 50

Geraniaceæ **CANARY BIRD FLOWER (Tropeolum Peregrinum).**

There is no more desirable climbing plant in cultivation than this. It is of rapid growth, and produces an abundance of yellow fringed flowers. *Half-hardy Annual.*

Canary Bird Flower. Yellow, 10 ft. 10

CANDYTUFT, DARK PURPLE.

Cruciferae **CANDYTUFT (Iberis).**

One of the most popular hardy annuals, almost equally so as Sweet Alyssum; like it, it is of the easiest culture, and grown for a variety of purposes almost all the year round.

Candytuft, Fragrant. Pure white, pinnated foliage, 1 ft. 5

— **Crimson.** Very beautiful, 1 ft. 5

— **Lilac.** Dwarf, very compact. 5

— **Dark Purple.** (See Cut). 5

CANDYTUFT (Continued.) *Per Pkt.*

- **Rocket.** Pure white, in large trusses, 1 ft..... 5
- **White.** Very delicate, 1 ft..... 5
- **New Carmine.** (See *Novelties*)..... 25
- **Fine Mixed.** 1 ft..... 5
- **Perennial** (*I. Sempervirens*). 1 ft..... 10

CANNA.

Scitamineae **CANNA (Indian Shot).**

With foliage of tropical luxuriance, this plant is particularly suitable for forming groups on lawns, or placed as backgrounds for dwarfier growing plants, for which purposes they are now largely used. Of late years this tribe have developed great beauty and variety of flowers, giving them added interest and value. *Half-hardy Perennials.*

- Canna Marechal Vaillant.** Splendid variety, orange, 4 to 6 ft..... 10
- **Muscifolia Hybrid.** Red, foliage resembling a small banana, 2 ft..... 10
- **Nepalensis.** Clear yellow, 3 ft..... 10
- **Tricolor.** Bright scarlet, striped foliage, 2 ft..... 10
- **Warszewiczii.** Brilliant red, variegated foliage, 3 ft..... 10
- **Zebrina.** Scarlet, striped foliage, 4 ft..... 10
- **Finest Mixed**..... 5

CANTERBURY BELLS (*Campanula Medium*).

An old garden favorite, belonging to the class of plants known as Hardy Biennials.

- Canterbury Bells, Double Mixed.** 2½ ft..... 5
- **Single Mixed.** 2½ ft..... 5

Caryophyllaceae **CARNATION.**

An important and beautiful class, none more so are grown; desirable alike for out-door decoration in summer, or for winter blooming in greenhouse or parlor. Most of the varieties have a delicious clove fragrance. *Half-hardy Perennials.*

- Carnation, Extra Choice Bizarre.** Saved from an unequalled collection of named flowers, which will produce a fine assortment of superbly colored varieties, including flakes, bizzars and selfs..... 50
- **Perpetual, or Tree.** From the best collection extant, and may be expected to produce beautiful new varieties, of various colors and of the highest merit..... 50
- **New Grenadin.** (See *special description in Novelties*)..... 50
- **Monthly, Fine Double German, Mixed.** From named flowers..... 25
- **Mixed.** For border culture..... 10

Euphorbiaceae **CASTOR OIL BEAN (see Ricinus).**

Caryophyllaceae **CATCHFLY (Silene Armeria).**

Free-blooming hardy Annuals of the easiest culture.

- Catchfly, Red.** 1½ ft..... 5
- **White.** 1½ ft..... 5
- **Rose.** 1½ ft..... 5
- **Mixed.**..... 5

Labiatae **CEDRONELLA.**

Per Pkt.

Long spikes of flowers, remaining a long time in bloom, with fragrant foliage, are the characteristics of this Hardy Perennial.

- Cedronella Cana.** Purple, 2 ft..... 10

Amarantaceae **CELOSIA.**

Annual plants of tropical origin, and one of the most satisfactory and showy plants for garden decoration, bearing in the greatest profusion spikes of beautiful feather-like blooms. In this class is included the well-known cockscomb. *Half-hardy Annuals.*

- Celosia Pyramidalis Aurea.** Golden yellow plumes, very fine, 3 ft..... 10
- **Coccinea.** Rich Carmine, 3 ft..... 10
- **Cristata Variegata** (New Variegated Cockscomb). A new and strikingly beautiful variety, bearing brilliant combs of crimson and gold, 3 ft..... 10
- **Cristata** (Cockscomb). Dwarf, crimson, fine, 1 ft..... 10
- **Dwarf Mixed** (Cockscomb). 1 ft..... 10
- **Japanica** (New Japanese Cockscomb). A new variety of great beauty. The branches are scarlet or crimson; the combs are almost as delicately cut as ruffled lace, often in pyramidal masses, while the colors are of the brightest imaginable..... 10

CENTAUREA GYMNOCARPA.

CENTAUREA CANDIDISSIMA.

Compositae **CENTAUREA (Dusty Miller).**

All the varieties here named, except *C. Americana*, are the best silver-foliaged plants in cultivation. *Half-hardy Perennials.*

- Centaurea Americana.** A strong-growing annual variety, flowers reddish purple..... 5
- **Candidissima.** Splendid silvery-leaved plant, 1 ft..... 25
- **Clementei.** A new, robust and free-growing variety, producing crowns of silvery leaves, deeply fringed and cut. ½ ft..... 25
- **Gymnocarpa.** A very graceful silver-foliaged variety, perhaps the best for bedding purposes. 1½ ft..... 25

Valerianaceae **CENTRANTHUS.**

Compact-growing plants, blooming freely. *Hardy Annuals.*

- Centranthus.** Mixed, red and white..... 5

Caryophyllaceae **CERASTIUM.**

Silver-leaved plants, very suitable for edgings and rock-works.

- Hardy Perennials.*
- Cerastium Biebersteinii.** Leaves silvery white, ¼ ft..... 10
- **Tomentosum.** Gray-colored leaves, ¼ ft..... 10

CERINTHE (Honeywort). *Per Pkt.*

The blossoms of these showy Annuals secrete honey largely, which makes them much resorted to by bees.
Cerinthe Aspera. Golden yellow, 1 ft.10
 — **Gymnandra.** Yellow and brown, 1 ft.10

CHAMÆPUCE.

These thistles are quite ornamental in some styles of outdoor gardening.

Chamæpuce Casabonæ. Glossy dark green leaves, with white nerves and brown spines. *Ha'f-hardy Perennial*, 1 ft.10
 — **Diacantha.** Magnificent ornamental foliage Biennial, with long leaves thickly set with spines, 2 ft.10

Compositæ **CHRYSANTHEMUM.**

This will always be a garden favorite, for, in the late autumn, when nearly all outdoor plants have succumbed to frost, the Chrysanthemum is then in its fullest glory. Of late years our collection presents almost as wide a range of color as the Dahlia.

Chrysanthemum Burrigeum. Crimson, white centre. *Hardy Annual*, 1 ft.5
 — **Venustum.** White, crimson centre. *Hardy Annual*, 1 ft.5
 — **Coronarum.** Double white. *Hardy Annual*, 2 ft.5
 — **Double yellow.** *Hardy Annual*, 2 ft.5
 — **Mixed Annual Varieties.**5
 — **Indicum.** *Large-flowering.* Extra fine mixed. *Half-hardy Perennial*, 3 ft.25
 — **Nanum (Dwarf Pompon).** Choice double mixed. *Ha'f-hardy Perennial*, 1 ft.25

CINERARIA HYBRIDA.

*Compositæ***CINERARIA.**

The class known as *C. Hybrida* are very attractive greenhouse plants, and are justly much admired. The variety *C. Maritima*, also offered, is altogether different, having no beauty in its flowers, being cultivated for its silvery foliage, which alone makes it one of the finest plants for ribbon lines and masses that is grown.

Cineraria Hybrida. Extra choice mixed colors. From prize varieties.50
 — **New Dwarf.** Finest mixed.25
 — **Maritima.** An ornamental-foliaged plant, with large silvery leaves.10
 — **New Double-Flowering.** The blooms of this novelty are perfectly double. There are representatives of all the modifications of colors usually found among Cinerarias—namely, crimsons and magentas, purples, both dark and light, as well as flowers tipped with several tints of violet and magenta1 00

Onagraceæ **CLARKIA.***Per Pkt.*

An old favorite, the varieties of which are described below.
Hardy Annual.

Clarkia Rosea fl. pl. Beautiful double variety, 1½ ft.5
 — **Integrifolia.** Rosy crimson, large and handsome, 1½ ft.5
 — **Pulchella.** Deep rose, 1½ ft.5
 — **Alba.** Pure white, very pretty, 1½ ft.5
 — **Finest Mixed Varieties.**5

Ranunculaceæ **CLEMATIS.**

A well known hardy climbing plant.

Clematis Flammula. White, fragrant, 15 ft.10
 — **Virginiana.** Green.25

Capparidaceæ **CLEOME.**

Cleome Rosea. Half-hardy Annual, with rose-colored flowers, 2 ft.25

Leguminosæ **CLIANTHUS.**

Magnificent plants, which many have found difficult to raise, but which can be succeeded with when sown in open air in May, in a dry sunny position.

Clanthus Dampieri. A magnificent shrub; flowers in clusters, drooping, pea-shaped, four inches in length, of a brilliant scarlet, with intense black spots in the centre of each flower.25
 — **“German Flag.”** A new and beautiful form of Clanthus Dampieri, so named from the resemblance of the flower to the flag of the German nation.50

COBÆA SCANDENS.

*Polemoniaceæ***COBÆA.**

A fine summer climbing plant, quick-growing, and bearing large bell-shaped purple flowers. In sowing place the seed edge-wise, and cover lightly. *Ha'f-hardy Perennial.*

Cobæa Scandens. Purple, 20 ft. (See Cut).10

COCCINEA.

A handsome climbing gourd, with glossy foliage and scarlet fruit. *Ha'f-hardy Perennial.*

Coccinea Indica. Scarlet.10

COCKSCOMB (See *Celosia Cristata*).

Labiatae

COLEUS.

Per Pkt.

Coleus are indispensable wherever colored leaved plants are desired. The varieties now number legion, and the seed we offer may be expected to produce many new striking varieties. *Half-hardy Perennial*.

Coleus, from new Hybrids 50

Scrophulariaceae COLLINSIA.

Very pretty plants with purple, blue and white flowers. *Hardy Annuals*.

Collinsia. Mixed..... 5

COLLOMIA.

Used for border beds; flowers buff-colored. *Hardy Annuals*.

Collomia Grandiflora..... 5

CONVOLVULUS MINOR TRICOLOR.

Convolvulaceae CONVOLVULUS.

All will recognize in this the most popular annual in cultivation, for in this tribe is included the well-known Morning Glory. *Half-hardy Annuals*.

Convolvulus Aureus Superbus. Beautiful golden yellow, 6 ft. 15

— *Major* (Morning Glory). Five mixed varieties..... 5

— *Minor Tricolor*. Violet, purple and white, 1 ft. *Hardy Annual*. (See Cut)..... 5

— *Minor Unicaulis*. A new variety of upright growth, compact heads of rich purplish blue flowers. *Hardy Annual*..... 10

— *Mauritanicus*. Beautiful for hanging baskets and vases; flowers blue. *Hardy Perennial*..... 10

Hydrophyllaceae COSMANTHUS.

A neat little spreading plant, with pretty fringed flowers. *Hardy Annual*.

Cosmanthus Fimbriatus. Lilac and white, 1 ft. 5

Compositae COSMIDIUM.

A beautiful Coreopsis-like Annual, with large and very showy flowers, admirably adapted for groups or marginal lines. *Hardy Annual*.

Cosmidium Burridgeanum. Crimson, brown and yellow, 2 ft. 5

Primulaceae COWSLIP.

In very early spring this is a useful plant for borders, but is of little beauty after warm weather sets in. *Hardy Perennial*.

Cowslip. Fine mixed English. $\frac{3}{4}$ ft. 5

CRUCIANELLA.

A very pretty free-flowering plant, useful for rock-work, vases, etc. *Hardy Perennial*.

Crucianella Stylosa. Pink, from Persia, 1 ft. 5

Lythraceae CUPHEA.

Commonly called "Lady's Cigar Plant." The variety we offer, however, is a decided improvement on the old sort.

Cuphea Rœzlii Grandiflora Superba. Grows $3\frac{1}{2}$ feet high, and studded during winter with countless red blossoms. 50

Primulaceae CYCLAMEN.

Valued greenhouse plants, the rich blooms of which are largely used by bouquet-makers to give variety to made up baskets and bouquets. Their orchid-like blooms possess great beauty and fragrance. *Half-hardy Perennial*.

Cyclamen Persicum. Finest mixed, $\frac{1}{4}$ ft. 25
— *Extra Choice*, mixed..... 50
— *Persicum Giganteum*. A great improvement over the older sort; each flower measures from 2 to $2\frac{1}{2}$ inches in length, pure white, with purple eye.... 1 00

CUCUMIS DIPSACEUS.

CUCUMIS FLEXUOSUS.

Cucurbitaceae CUCUMIS.

Ornamental Cucumbers with curious fruit, remarkable for the luxuriance and rapidity of their growth. *Half-hardy Annuals*.

Cucumis Dipsaceus. Sulphur yellow, very elegant. (See Cut)..... 10

— *Flexuosus* (Snake Cucumber). Fruit 3 ft. long. (See Cut)..... 10

— *Grossularia* (Gooseberry Gourd)..... 10

CUCURBITA MELOPEPO, STRIPED FLAT.

CUCURBITA, or GOURDS.

These grow rapidly, and produce some of the most peculiar and fantastic forms of fruit found in the vegetable kingdom.

Cucurbita Leucantha Longissima. Very curious, 5 ft. long. 10

— *Depressa*. Dark green fruit..... 10

— *Melopepo, Striped Flat*. A new and interesting variety, fruit very numerous, dark green, mottled with white. (See Cut)..... 10

CYCLANTHERA.

Per Pkt.

A climbing plant, bearing oval-shaped fruit, exploding loudly when ripe. *Half-hardy Annuals.*

Cyclanthera Explodeus. 10 ft.....10

Convolvulaceae CYPRESS VINE.

The most popular of annual climbing plants, with delicate fern-like foliage. *Half-hardy Annuals.*

Cypress Vine. Scarlet, 15 ft.....5

— White, 15 ft.....5

— Rose, 15 ft.....5

Cypress Vine is never offered in mixed colors.

DOUBLE DAHLIA.

Compositae DAHLIA.

Saved from our magnificent collection of nearly 150 sorts, comprising almost every known shade of color. *Half-hardy Perennials.*

Dahlia. Fine mixed.....10

— Extra Fine. (Our own collection).....25

DATURA FASTUOSA.

Solanaceae DATURA.

Hardy Annual, with double purple and white flowers, attaining a height of three feet.

Datura Fastuosa Huberiana.....10

Ranunculaceae DELPHINIUM.

Per Pkt.

Of this beautiful tribe of Perennials the best sorts are described below.

Delphinium Nudicaule. (New scarlet.) A most interesting plant of recent introduction. Its dwarf, compact habit, taken in connection with the novel and striking color of its flowers, renders it peculiarly valuable.....25

— **Cashmerianum.** (See Novelties).....50

— **Formosum.** Beautiful rich blue and white; flowers the first year, 2 ft.....5

— **Imperiale** (Emperor Larkspur). For profuseness of blooming the Imperial Larkspur is unequalled, a single plant being rarely seen with less than 100 close, erect spikes of flowers upon it. It is of symmetrical bushy habit, 1½ ft.....5

— **Consolida Candelabrum.** A new and very elegant dwarf variety.....5

— **Finest Mixed.** 2 ft.....5

D. HEDDEWIGII.

Caryophyllaceae DIANTHUS.

This magnificent tribe is one of the most satisfactory that can be raised from seed. *D. Caryophyllus*, and its varieties, are the much-admired Carnations and Picotees. *D. Barbatus* is the well-known Sweet William. *D. Chinensis*, and varieties, are known as Indian Pinks, perhaps one of the most beautiful class of plants existing. *D. Heddewigii* and *Dialematus* are splendid sorts, with flowers averaging three inches in diameter and of the most brilliant colors.

Dianthus Gardinerianus. Various colors. *Hardy Perennial*, 1½ ft.....10

— **Barbatus.** (See Sweet William.) Fine mixed, 1 ft.....10

— **Caryophyllus.** (See Carnation and Picotee).....25

— **Plumarius.** (Pheasant-eye Pink.) Very fragrant. *Hardy Perennial* ½ ft.....10

— **Chinensis.** (China or Indian Pink.) Finest mixed. *Hardy Annual*.....5

— **Alba Flore Pleno.** Double white. *Hardy Annual*, 1 ft.....5

— **Heddewigii.** Very beautiful mixed colors. *Hardy Annual*, 1 ft.....10

— **Diadematus Flore Pleno.** A striking variety of luxuriant, but dwarf and compact growth. Flowers densely double, comprising all shades of color.....25

— **Imperialis Fl. Pl.** Double Imperial Pink; fine mixed. *Hardy Annual*.....10

— **Laciniatus.** A beautiful fringed variety; various colors. *Hardy Annual*, 1 ft.....10

— **Flore Pleno.** A double variety of the above; very fine.....15

— **New Japanese** ("Eastern Queen.") Price each, 50c. per packet, or the two varieties for 75c.

— — ("Crimson Belle.") } for 75c.

DIDISCUS.

Didiscus Cœruleus. A very pretty little blue border plant. *Half-hardy Annual*, 1 ft.....10

- Scrophulariaceae* **DIGITALIS** (Foxglove). *Per Pkt.*
 Handsome ornamental plants, of stately growth and varied colors. *Hardy Perennials.*
Digitalis Alba. Pure white, 3 ft. 5
 — **Gloxinoides.** White, crimson-spotted. 5
 — **Purpurea.** Purple, 3 ft. 5
 — **Fine Mixed Varieties.** 5

- Primulaceae* **DODECATHÉON.**
 A hardy herbaceous Perennial, with beautiful light purple flowers. It attains a height of 1 ft.
Dodecathéon Meadia (American Cowslip) 10

- Leguminosae* **DOLICHOS** (Hyacinth Bean).
 Beautiful climbing plants of free growth, flowering in clusters. *Tender Annuals.*
Dolichos Lablab. Purple; beautiful in fall. 5
 — **Alba.** White. 5

- Crassulaceae* **ECHEVERIA METALLICA.**
 This is the first time that we have been able to offer seed of this valuable succulent, now so largely used, both as a pot-plant for decorative purposes and for bedding out in summer. The packets we shall sell apparently contain a very small quantity, as the seed is exceedingly fine; but each packet will be found sufficient to produce 250 plants, if care is used in sowing. 75

- Ericaceae* **ERICA** (Cape Heath).
 Well known, very beautiful and interesting greenhouse shrubs, flowering most profusely.
Erica. Choice varieties, mixed, 2 ft. 25

- Cruciferae* **ERYSIMUM.**
 Showy, free-flowering, handsome hardy annuals; very effective in beds or mixed borders.
Erysimum Arkansanum. Sulphur yellow, 1½ ft. 5
 — **Peroffskianum.** Beautiful shade of orange. 5

- Leguminosae* **ERYTHRINA** (Coral Tree).
 Forms a shrub about five feet high, having large spikes of deep scarlet pea-shaped blossoms. *Half-hardy Shrub.*
Erythrina Christa Galli. Scarlet. 25

- Papaveraceae* **ESCHSCHOLTZIA.**
ESCHSCHOLTZIA (California Poppy).
 Very profuse-blooming plants, of extremely rich and beautiful colors. *Hardy Annuals.*
Eschscholtzia Californica. Bright yellow, with rich orange centre, 1 ft. 5
 — **Dentata Sulphurea.** New and curious variety. 5
 — **Rosea.** Flowers tinged with bright rose; very pretty. 5
 — **Crocea flore pleno.** (See Novelties). 50
 — **Mandarin.** (See special description in Novelties). 50
 — **Fine Mixed.** All colors. 5

ETERNAL, or EVERLASTING FLOWERS.

(See Helichrysum and Xeranthemum.)

- EUCALYPTUS GLOBULUS** (Blue Gum Tree). *Per Pkt.*
 We offer seed of this, so that those who are curious to know may see what the plant is like. It makes a pretty tree, and would form an object of interest in sub-tropical planting.
Eucalyptus Globulus ("Fever and Ague Plant") 25

- Compositae* **EUPATORIUM.**
 Very pretty herbaceous plant, with bunches of showy white flowers; fine for bouquets. *Hardy Perennial.*
Eupatorium Fraserii (described above), 1½ ft. 10
Euphorbiaceae **EUPHORBIA.**
 An Annual, hardy, with white and green bracts, giving it a variegated appearance.
Euphorbia Variegata 5

- FENZLIA.**
 A dwarf-growing plant, well suited for rustic baskets or vases; flowers rosy lilac, with orange centre. *Hardy Annual.* 25

- Filices* **FERN SPORES** (Seed).
 We offer the following collection of Choice Ferns, comprising some of the rarest and most desirable varieties for greenhouse cultivation.

Adiantum Affine,	Lastrea Patens,
" Pubescens,	Lomaria Patersoni,
Aspidium Macrophylla,	Polypodium Aureum,
Blechnum Braziliensis,	Polystichum angulare Viviparum,
" Occidentale,	Pteris argyrea,
Cryptonium Fortunii,	" Hastata,
Dephasium Decussata,	" serrulata,
Doryopteris Palmata,	" cristata,
" Rotundifolium,	" tremula,
Lastrea Angescens,	Woodwardia orientalis.
- Any of the above sorts, 30c. per packet; or the entire collection of 20 sorts, in separate packets, for \$5.00. Mixture of all the varieties, \$1.00 per packet.

- Borraginaceae* **FORGET-ME-NOT.** (See Myosotis.)

- FRENCH HONEYSUCKLE.** (See Hedysarum.)

- Onagraceae* **FUCHSIA.**
 Our seed of this well-known and beautiful plant has been saved from a splendid collection of named varieties.
Fuchsia, Single. Mixed. 50
 — **Double.** Mixed. 50

- Compositae* **GAILLARDIA.**
 A striking looking class, natives of this country, and presenting quite a diversity of color. All Half-hardy Annuals, and the best varieties are:
Gaillardia Coccinea Nana. Dwarf scarlet. 5
 — **Grandiflora Hybrida.** Rich crimson and yellow. 5
 — **Picta Nana.** Crimson and yellow, 1 ft. 5
 — **Alba Marginata.** White-edged, 1½ ft. 5
 — **Fine Mixed Colors.** 5

- Geraniaceae* **GERANIUM** (Pelargonium).

Perhaps the best reference we can make to what is to-day the most desirable plant for out-door cultivation—the Zonale Geranium—is to call attention to the colored plate in the Plant portion of our catalogue, which faithfully illustrates a few of the newer types of the Zonale section. Its numberless varieties, simple culture, the immunity it enjoys from insects and disease, and its great free-blooming qualities, have placed it so high in general estimation, that it is rapidly superseding the Verbena, hitherto the most popular bedding plant grown.

Geranium Zonale. Newer Types. We offer large packet, containing seeds of all 9 types of Single Geraniums shown in colored plate, mixed, for \$1.00. We do not offer seed of the six double varieties figured on colored plate.

- Geranium Zonale. Splendid mixed.** 10
 — **Gold and Bronze.** New varieties mixed. 25
 — **Double.** Finest mixed from new varieties. 50
 — **Double White.** "Aline Sisley" 50
 — **Large-Flowered** (Pelargonium). From prize varieties. 50
 — **Fancy Varieties** (Pelargonium). Finest mixed. 50
 — **Apple Scented** (true). We offer this season a limited supply of this always scarce and much-sought-after variety. 50
 — **New Cocoon.** (See Novelties). 50
 — **Ivy-Leaved.** A beautiful class, worth cultivating alone for its foliage, but the value of which is enhanced by the beauty and profusion of its flowers, running through the various shades of white, pink and crimson. 25

Polemoniaceae

GILIA.

Per Pkt.

Very pretty dwarf plants; will bloom in almost any situation; admirably adapted for massing. *Hardy Annuals.*

- Gilia Capitata Major.** Sky-blue, $\frac{3}{4}$ ft. 5
 — **Nivalis.** Dwarf, snow-white, $\frac{3}{4}$ ft. 5
 — **Tricolor.** White, lilac and purple, 1 ft. 5
 — **Tricolor Rubro Violacea.** (See *Novelties*) 50
 — **All Colors, Mixed** 5

Iridaceae

GLADIOLUS.

- Gladiolus.** Bulblets from named varieties 10
 — **Allen's Hybridized Seed.** 25

GLAUCIUM.

A showy plant, with long silvery leaves, gracefully recurved and deeply cut and curled. Flowers bell-shaped, orange-yellow.

- Gladium Corniculatum** (described above) 25

GLOBE AMARANTHUS (*Gomphrena*).*Amaranthaceae*

Remarkably handsome everlastings. The flowers may be cut in summer and preserved for winter bouquets. *Half-hardy Annuals.*

- Globe Amaranthus, White,** 2 ft. 5
 — **Purple,** 2 ft. 5
 — **Variegated,** 2 ft. 5
 — **Mixed.** All colors 5

Gesneriaceae

GLOXINIA.

A superb genus of stove-house plants, profuse bloomers, of great beauty and diversity of colors. *Stove Perennial Bells.*
Gloxinia, Finest Mixed. From a splendid collection of drooping and erect varieties 50

GOURD SIPHO.

Cucurbitaceae GOURDS (Ornamental).

All of this genus are of rapid growth, and produce fruit of peculiar and varied forms. *Tender Annuals.*

- Gourd Bottle-shaped** 10
 — **Miniature** 15
 — **Dipper** 10
 — **Hercules Club.** A curious sort 10
 — **New Miniature.** Orange and green striped 15
 — **Orange.** Fruit resembles an orange 15
 — **Powder Horn** 10
 — **Sipho** 15
 — **Fine Mixed.** From a large collection of the most ornamental 10

Onagraceae

GODETIA.

Well worthy extended cultivation; their delicate tints of purple and pink have long made them favorites in English gardens, although natives of America. *Hardy Annuals.*

- Godetia "Lady Albemarle."** (Novelty of 1879.)
 Grows a foot high. Flowers large, measuring over three inches across; are of an intense carmine-crimson shade, the edges of the petals being suffused with pale lilac. Profuse bloomer 25
 — **Fine Mixed** 5

GRAMMANTHES.

Per Pkt.

Grammanthes Gentianoides. A beautiful plant for rock-work or rustic baskets; of small size, and covered with orange-scarlet, star-shaped flowers. *Half-hardy Annual's* 15

Caryophyllaceae GYPSOPHILA.

Free-flowering little plants for rock-work or small beds.

- Gypsophila Muralis.** A charming little plant covered with beautiful pink blossoms. *Hardy Annual,* $\frac{1}{4}$ ft. 10
 — **Pauciculata.** White, fine for bouquets. *Hardy Perennial* 10

Borraginaceae

HELIOTROPE.

Well known, deliciously fragrant plants, excellent for bedding purposes or pot culture. *Half-hardy Perennials.*

- Heliotrope.** Finest mixed 10

HELIANTHUS GLOBOSUS FISTULOSUS.

Compositae HELIANTHUS (Sunflower).

Tall-growing plants, with large and showy flowers. *Hardy Annuals.*

- Helianthus Californicus.** Extra large and double, 5 ft. 5
 — **Globosus Fistulosus.** Flowers very large and globular-formed, of a bright rich saffron color, 6 ft. (See *Cut*) 5
 — **Macrophyllus Giganteus.** A large-growing variety, of pyramidal form. 5
 — **Oculatus Viridis.** Densely double, with green centre. 5

Compositae

HELICHRYSUM (Everlasting Flowers).

Flowers mostly used for winter bouquets, for which they are cut before blooms are expanded, and dried in the shade. *Hardy Annual's.*

- Helicrysum Brachyrhynchum.** Yellow, $\frac{1}{2}$ ft. 10
 — **Bracteatum.** Yellow, $1\frac{1}{2}$ ft. 5
 — **Album.** White, $1\frac{1}{2}$ ft. 5
 — **Moustrum.** Finest double mixed, 2 ft. 10
 — **Nanum.** Dwarf, double mixed, 1 ft. 10
 — **Finest Mixed.** All colors 10

Loganiaceae HEDYSARUM (French Honeysuckle).

A beautiful Hardy Perennial plant, grown in borders, generally known under its inappropriate name of "French Honeysuckle." It is a native of Italy, and has no affinity with the Honeysuckle (*Lonicera*).

- Hedysarium Coronarium.** Red and white, mixed, 3 ft. 5

HELIOPHILA.

A pretty bright blue Hardy Annual.

- Helioiphila Araboides.** 1 ft. 5

Malvaceae

HIBISCUS.

A very ornamental and showy Hardy Annual; color a rich cream, with brown centre.

- Hibiscus Africanus.** $\frac{1}{2}$ ft. 5

Malvaceae

HOLLYHOCK.

Per Pkt.

The seed we offer of this handsome flower has been saved from named varieties of every known shade of color, and can be confidently recommended. Seed sown in June or July will produce plants for blooming the next summer. *Hardy Perennia's.*

- Hollyhock.** Extra choice double, finest mixed.....25
- **Fine Mixed.** Good varieties.....10
- **Double White.** This is one of the most valuable plants now grown for summer flowers. Flowers pure white and perfectly double.....25
- **New Dwarf Japanese.** (See *Novelties*).....50

Convolvulaceae

HONESTY (Lunaria Biennis).

Interesting summer-blooming plant, suitable for shrubberies or woodland walks. *Hardy Biennial.*

- Honesty.** Purple, 2 ft.....5

Compositae

HUMEA.

When fully grown this attains a height of 8 feet, forming a most attractive object, either in the conservatory or in pots on the lawn. Its flowers of ruby-red are produced in drooping racemes. *Half-hardy Biennial.*

- Humea Elegans**.....15

IPOMEA GRANDIFLORA MARMORATA.

Convolvulaceae

IPOMEA.

This beautiful genus, like the *Convolvulus*, to which it is closely allied, is most useful for covering trellises, arbors or unsightly objects. *Tender Annual's.*

- Ipomea Atropurpurea.** Dark purple, 15 ft.....5
- **Bona Nox** (Evening Glory). Pure white, large and fragrant.....10
- **Burridgii.** Rose and crimson, 15 ft.....5
- **Coccinea** (Star Ipomea). Bright scarlet.....5

IPOMEA (Continued.)

Per Pkt.

- Ipomea Grandiflora Marmorata** (Variegated Morning Glory). A very beautiful variety, with heart-shaped leaves of a delicate green, marbled with silver-white; flowers carmine and white. (*Cult.*).....10
- **Limbat.** Blue and white.....5
- **Quamoclit.** (See *Cypress Vine*).....5

IBERIS (See Candytuft).

Mesembryanthemaceae **ICE PLANT.**

A very singular dwarf trailing plant, much used for garnishing; the leaves and stems are covered with crystalline globules, giving it the appearance of being covered with ice. *Half-hardy Annual.*

- Ice Plant** (*Mesembryanthemum Crystallinum*). From Greece; trailer.....5

INDIAN SHOT. (See Canna.)

INOPSIDIUM.

One of the few plants that succeed comparatively well in the shade. *Hardy Annual's.*

- Inopsidium Acaule.** Sky-blue, $\frac{1}{2}$ ft.....10

IPOMOPSIS.

Most beautiful plants, with long spikes of dazzling orange and scarlet flowers. *Half-hardy Biennials.*

- Ipomopsis Elegans.** Scarlet, 3 ft.....10
- **Superba.** Orange, 3 ft.....10

Compositae **JACOBEE (Senecio).**

Hardy Annuals of the easiest culture, in the varieties of which are to be found purple, bronze, pink and white.

- Jacoea Elegans.** Mixed, 1 ft.....10
- **Dwarf Double.** Mixed, $\frac{1}{2}$ ft.....10

Compositae

KAULFUSSIA.

Desirable plants, of dwarf habit and compact growth. *Hardy Annuals.*

- Kaulfussia Ameloides.** Bright blue, $\frac{1}{2}$ ft.....5
- **Rosea.** Pink, mauve centre, $\frac{1}{2}$ ft.....5

LANTANA HYBRIDA.

Verbenaceae

LANTANA.

The varieties of Lantana are almost numberless. The flowers are borne in Verbena-like heads, embracing every shade of pink, purple, orange and white. *Half-hardy Perennials.*

- Lantana Hybrida.** Mixed.....10

Ranunculaceae **LARKSPUR (Delphinium).** *Per Pkt.*

A most desirable and beautiful genus, the prevailing hue of whose flowers is blue. *Hardy Annuals.*

- Larkspur, Dwarf Rocket.** Finest mixed, double, 1 ft. 5
 — **Tall Rocket.** Finest mixed, double, 2½ ft. 5
 — **Candelabra-Formed.** (See Delphinium)..... 5
 — **Bismarck.** A new variety of great merit, mixed..... 25
 — **Dwarf, Rannunculi-Flowered.** Brown-violet.
 (Novelties)..... 50

Leguminosae **LATHYRUS (Everlasting Pea).**

Very ornamental, free-flowering plants, useful for covering trellises, old stumps, fences or walls; growing in any soil. *Hardy Perennials.*

- Lathyrus Latifolius.** Purple, 5 ft. 5
 — **Albus.** White, 5 ft. 5
 — **Mixed.** Purple and white. 5

Labiatae **LAVANDULA (Lavender).**

Much prized for its fragrant violet flowers; succeeds best in a dry, gravelly soil. *Hardy Perennial.*

- Lavandula Spica.** Lilac, 2 ft. 5

Malvaceae **LAVATERA.**

Tall-growing, showy plants, very effective when used as a background to other plants. *Hardy Annuals.*

- Lavatera Trimestris.** Rose and pink striped, 3 ft. 5
 — **Alba.** White, 3 ft. 5

LEPTOSIPHON.

Polemoniaceae **LEPTOSIPHON.**

Although a native of this country, this pretty little Annual is much more appreciated in Europe than here at home. All of the varieties are of the easiest culture, and well suited for marginal lines in ribbon beds.

- Leptosiphon Aureus.** Golden yellow, ½ ft. 10
 — **Densiflorus Albus.** Pure white, 1 ft. 10
 — **Hybridus.** Fine mixed, ½ ft. 10
 — **Rosens.** A beautiful variety, of dense habit. 10

Limnanthaceae **LIMNANTHES.**

A dwarf-growing plant, attaining its best development a moist and shady situation. *Hardy Annual.*

- Limnanthes Douglasii.** Yellow and white, fragrant, ½ ft. 5

Scrophulariaceae **LINARIA.**

A particularly effective plant in rock-work or ribbon lines. *Hardy Annuals.*

- Linaria Bipartita Alba.** White, ½ ft. 5
 — **Splendida.** Deep purple, ½ ft. 10

Linaceae **LINUM.**

The garden varieties of this are conspicuous for their brilliant and varied colors.

- Linum Flavum.** Yellow, 1 ft. *Hardy Perennial.* 10
 — **Grandiflorum Coccineum.** Scarlet, 1 ft. *Hardy Annual.* 10
 — **Lewisii Variegatum.** Striped, lilac and white, 2 ft. *Hardy Perennial.* 10

Loasaceae **LOASA.**

Climbing plants with curious-looking flowers.

- Loasa Herbertii.** Scarlet. *Half-hardy Perennial.* 10
 — **Tricolor.** Shaded yellow. *Hardy Annual.* 10

Lobeliaceae **LOBELIA.**

Low-growing plants, mostly with blue and white flowers. They are admirably adapted for the front lines of ribbon borders, and for vases or hanging baskets, blooming profusely from June to November. *Half-hardy Annuals.*

Lobelia Erius Alba. Pure white, ½ ft. 10

- **Paxtoniana.** A beautiful variety, fine habit, profuse bloom of pure white, with sky-blue belt; a splendid bedding plant, ½ ft. 10
 — **Speciosa.** One of the most effective varieties for bedding, ½ ft. 10
 — **Crystal Palace Compacta.** A beautiful new variety. 25
 — **Gracilis.** Light blue, spreading habit, ½ ft. 10
 — **Fulgens (Queen Victoria).** Brilliant scarlet, fine border Perennial, 2 ft. 25
 — **Cardinalis.** (See Novelties)..... 25
 — **Finest Mixed Varieties.**..... 10

LOPHOSPERMUM HENDERSONII.

Scrophulariaceae **LOPHOSPERMUM.**

Exceedingly ornamental climbing plants, with large and handsome flowers; very effective for conservatory or garden decoration. *Half-hardy Annual.*

- Lophospermum Hendersonii.** Rosy carmine, 10 ft. 25

LYCHNIS HAAGEANA.

Corydallaceae **LYCHNIS.**

Very handsome and useful Perennials. *L. Chalcedonica* is strikingly effective in mixed flower and shubbery borders. *L. Fulgens* is brilliant in the extreme. *L. Haageana* is a beautiful hybrid, varying in different shades.

- Lychnis Chalcedonica.** Scarlet, 2 ft. 5
 — **Fulgens.** Bright scarlet, 1½ ft. 10
 — **Haageana.** Bright orange-scarlet, 1 ft. 10
 — **Nana Hybrida.** (New)..... 10

Leguminosae LUPINUS.

Per Pkt.

Desirable plants in every garden, bearing long and graceful spikes of the colors named below. *Hardy Annuals.*

- Lupinus Affinis. Blue, white and purple, ½ ft..... 5
- Crinckshanki. Blue, white and yellow, 3 ft..... 5
- Dunnetti. Violet, brown and yellow, 3 ft..... 5
- Hybridus Atrococcineus. Scarlet and white, 2 ft. 5
- Tricolor Elegans. White, lilac and purple, 2 ft.... 5
- Polyphyllus. Mixed blue and white. *Hardy Perennial*, 3 ft..... 5
- Mixed Annual Varieties..... 5

LYGODIUM SCANDENS (Japanese Climbing Fern).

A most graceful climbing plant, growing from one to fifty feet, as desired. It is quite as easy of culture as the Smilax, and will, no doubt, be largely used for similar purposes in decorating. Although a climbing plant when supported by strings or wire, it can be used with equal advantage as a drooping plant for baskets or vases.

Lygodium Scandens (Japanese Climbing Fern).....25

Magnoliaceae MAGNOLIA GRANDIFLORA.

Flowers large, white and fragrant, the best variety that can be raised from seed of this beautiful class.....25

Compositae MARIGOLD.

The African is the tallest and most striking in large beds; while the French varieties are admirably adapted for small beds, or as a foreground to taller plants. *Half-hardy Annuals.*

- Marigold African Quilled. Orange, brown and yellow, mixed, 2 ft. 5
- French Dwarf. Orange, brown and yellow, mixed, 1 ft. 5

Chytoginaceae MARVEL OF PERU (Four O'clocks).

The flowers red, white, yellow and variegated; grow in clusters on the summit of the stem. They are exceedingly fragrant, expanding in the evening and withering next morning. The roots may be preserved through winter like Dahlias.

Marvel of Peru. Finest mixed, 2 ft. 5

Compositae MATRICARIA (Feverfew).

Matricaria Eximia fl. pl. (See special description in Novelties)25

MAURANDIA.

Scrophulariaceae MAURANDIA.

These beautiful summer climbers cannot be too highly recommended, whether for the adornment of the conservatory or greenhouse, or for training on trellis-work, verandas, etc. Blooms the first season from seed. *Half-hardy Perennials.*

- Maurandia Barclayana. Rich violet, 10 ft.....10
- Alba. White, 10 ft.....10
- Rosea. Rosy pink, 10 ft.....10
- Purpurea Grandiflora. Purple, 10 ft.....10
- Variegated Foliage.....15
- Finest Mixed Colors.....10

Mesembryanthemaceae MESEMBRYANTHEMUM.

Dwarf-growing plants of great beauty, well suited for edgings and covering rock-work, producing their star-like flowers in great abundance the whole summer. *Half-hardy Annuals.*

Mesembryanthemum Tricolor. Mixed colors, ½ ft. 5

NEW HYBRID SPIRAL MIGNONETTE.

Resedaceae MIGNONETTE.

Per Pkt.

Quite recently the varieties of this old favorite have been enriched by two sorts that have proved distinct, and decided acquisitions. These are the Prize and New Hybrid Spiral, which are an immense advance on previously existing sorts. *Hardy Annuals.*

- Mignonette (Reseda Odorata). Large-flowered variety. Per ounce, 25 cents 5
- Large-Flowered Pyramidal (Reseda Ameliorata). Quite distinct from the old large-flowered variety; its foliage and flowers are much larger, the plants are of pyramidal growth and attain a large size ... 10
- Parsons' New White. Flowers nearly white, a desirable variety.....10
- New Hybrid Spiral. In our Trial Grounds last Summer, this variety proved to be entirely distinct from any of the older varieties of Mignonette. It is a strong grower, and a most abundant bloomer, producing flower spikes from 8 to 14 inches in length, deliciously fragrant. The seed we offer is of our own sowing (See Cut).....50
- The Prize. (See Novelties).....25

Scrophulariaceae MIMULUS (Monkey Flower).

Comprises numerous varieties, with white, sulphur and yellow grounds, spotted crimson, scarlet and pink. They luxuriate in damp, shady situations, and freely bloom in the early summer months. *Half-hardy Perennials.*

- Mimulus Cardinalis. Scarlet, 1 ft.....10
- Moschatus (Musk Plant). Yellow, ½ ft.....10
- Tigrinus. An exceedingly beautiful new blotched and spotted hybrid, rivaling the Calceolaria in the variety of its bright colors.....10
- Tigrinus Flore Pleno. A beautiful new double-flowering variety, valued alike for open garden and greenhouse decoration; choice mixed colors.25
- Hybridus Choice Mixed. From the finest sorts.....10

Leguminosae MIMOSA (Sensitive Plant).

A very interesting and curious plant, its leaves closing if touched or shaken. *Half-hardy Annual.*

Mimosa Pudica..... 5

Cucurbitaceae MOMORDICA.

Very curious trailing plants, with ornamental foliage and remarkable fruit. *Half-hardy Annuals.*

- Momordica Balsamina (Balsam Apple). From East Indies, 10 ft..... 5
- Charantia (Balsam Pear). 10 ft..... 5

MORNING GLORY.

Morning Glory. (See Convolvulus.) Finest mixed, 20 ft.... 5

MUKIA.

Per Pkt.

A very pretty Annual climber, with small heart-shaped leaves and scarlet berries; very ornamental and of rapid growth.

Mukia Scabrella. From N. Holland, 10 ft. 10

MUSK PLANT. (See *Mimulus Moschatus.*)*Liliaceae***MYRSIPHYLLUM (Smilax).**

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage, and its peculiar wavy formation renders it one of the most valuable of all plants for vases or hanging baskets, as it can be used either to climb or to droop, as required; with cut flowers, particularly in wreaths, it is now considered indispensable by all florists. 25

MYOSOTIS DISSITIFLORA.**MYOSOTIS (Forget-Me-Not).**

The different varieties of this popular plant are very beautiful, and too well known to need mentioning; they succeed best in moist situations. *Hardy Perennials.*

Myosotis Palustris. Blue, ½ ft. 5

— *Alba.* White, ½ ft. 10

— *Azorca Coelestina.* Flowers of rich turquoise blue, produced in the greatest abundance. 10

— *Dissitiflora.* Dark blue, very fine spring-flowering variety; with large blossoms, quite distinct from any other, ½ ft. 25

— *Semperflorens.* A charming dwarf Forget-Me-Not, under eight inches in height, of free growth, thriving well either in sunny or shady spots. 25

NASTURTIUM.*Cruciferae*

These will always be valuable summer-flowering plants, for the reason that they stand any amount of heat and drought, growing vigorously and flowering freely, no matter how high the thermometer may record. They flower better, however, in a poor, rocky soil, as a rich one has a tendency to make them "run to leaf." *Hardy Annuals.*

Nasturtium, Tom Thumb. Scarlet, 1 ft. 10

— *Yellow.* 1 ft. 10

— *King of Tom Thumbs.* Crimson scarlet, 1 ft. 10

— *Dwarf Mixed.* 1 ft. 5

— *Tall Scarlet.* 10 ft. 5

— *Orange.* 10 ft. 5

— *Mixed.* 10 ft. 5

NIEREMBERGIA FRUTESCENS.*Solanaceae***NIEREMBERGIA.**

Very pretty, half-hardy plants for flower beds.

Nierembergia frutescens. Flowers white and blue, plant of a shrubby character. (See Cut). 10

— *Gracilis.* An herbaceous variety of slender habit, with white and purple flowers. 10

NEMESIA.

Per Pkt

Exceedingly pretty, compact-growing plants, blooming so freely as to entirely hide the foliage. *Half-hardy Annuals.*

Nemesia Floribunda. White and yellow, fragrant 5

— *Versicolor.* Various colors. 5

NEMOPHILA.

This is one of the best dwarf Hardy Annuals, of very compact growth, comprising varied and beautiful colors; blooms freely all summer.

Nemophila Discoidalis. Black, with white margin, 1 ft. 5

— *Insignis.* Bright blue, with white centre, 1 ft. 5

— *Marginata.* Azure blue, edged with white. 5

— *Maculata.* White, with large purple spots, 1 ft. 5

— *Fine Mixed.* 5

Ranunculaceae **NIGELLA (Love in a Mist).**

Curious and interesting free-flowering plants of the easiest culture, growing in any garden soil. *Hardy Annuals.*

Nigella Damascena Nana. Double blue and white, ¾ ft. 5

— *Atropurpurea.* Clear rich purple, 1½ ft. 5

Solanaceae **NOLANA.**

Very pretty trailing plants, with convolvulus-like flowers; excellent for rustic work or hanging baskets. *Hardy Annuals.*

Nolana Laueolata. Sky-blue, with white throat. 5

— *Atriplicifolia.* Blue, violet, white and yellow. 5

NYCTERINIA.**NYCTERINIA.**

Sweet-scented little plants, with large heads of star-shaped flowers, well suited for rock-work or edgings; succeeds in light, rich soil. *Half-hardy Perennials.*

Nycteria Capensis. White, with yellow centre, ½ ft. 10

— *Selaginoides.* Pink, with yellow centre, ½ ft. 10

Nymphaeaceae **NYPHÆA (Water Lily).**

Nymphaea Alba. This is the true white water lily, found growing in all sections of the country, and which we have often been asked for seed of. It can be grown in aquariums or tanks, which should be kept full of water while the plants are growing, but may be allowed to get dry when the flowering season is over. 25

— *Lutea.* The yellow water lily. 25

Compositae **OBELISCARIA.**

Bears acorn-like flowers of a rich crimson hue. *Half-hardy Perennial.*

Obeliscaria Pulcherrima. 2 ft. 10

Oenotheraceae **ENOOTHERA (Evening Primrose).**

A very beautiful, free-flowering and useful class of plants, flowering generally in long spikes.

Oenothera Bistorta Veitchii. Yellow, with crimson spots. *Half-hardy Annual.* 10

— *Drummondii.* Yellow. *Half-hardy Annuals,* 2 ft. 10

— *Lamarckiana.* Bright yellow flowers, 3 to 4 inches in diameter, and produced in great profusion; a splendid ornamental plant. *Hardy Perennial,* 3 ft. 10

— *Macrocarpa.* Primrose. Large blooms. *Hardy Perennial,* ½ ft. 10

— *Fine Mixed Varieties.* 10

*Gramineae***OXALIS.**

Very attractive and beautiful plants, with richly colored flowers, suitable for greenhouse decoration, or for rock-work, and rustic baskets. *Half-hardy Perennials.*

- Per Pkt.*
Oxalis Rosea. A neat, erect-growing plant, with bright rose-colored flowers, $\frac{3}{4}$ ft. 10
Tropaeoloides. Deep yellow, brown leaves, $\frac{3}{8}$ ft. 10
Valdiviana. A very showy and compact-growing variety, flowers bright yellow and sweet-scented. 10

OXYURA.

A very showy Hardy Annual, producing its beautiful fringed flowers in great abundance.

- Oxyura Chrysanthemoides.** Golden yellow, edged with pure white, $1\frac{1}{2}$ ft. 5

Violaceae

PANSY (Viola Tricolor).

The seeds may be sown any time from September to March, though our experience leads us to know that those spring-sown—that is, during January, February or March—bloom better during the hot, dry weather in summer than those that have been sown in September and “wintered over” in cold pots or frames, these bloom earlier, but get exhausted before the hot, dry weather of summer sets in. We prefer to sow in shallow boxes (two or three inches deep) in light soil, merely covering the seed and pressing the covering slightly with a smooth board. The best temperature for Pansy seeds to germinate in is from fifty to sixty degrees; if much warmer they are apt to rot after coming up. As soon as the plants are well up, and give any indication of damping, we plant them at an inch or so apart in shallow boxes similar to those used for sowing the seed. A cool greenhouse—or, to those who have not that convenience, a cool sitting-room—will answer to keep them in until the ground becomes warm enough for garden operations in spring, when they may be planted out in the open ground at once, covering up on cold nights with boards or paper. To those who have a cold frame or exhausted hot-bed, it would be best to place them there a month or so before planting in the open ground.

New Fancy. To those of our customers who within the last three years have bought seeds or plants of our Fancy Pansy no allusion to the great beauty of this strain will be necessary; but as our catalogue falls into thousands of new hands every year, we would say that the flowers present almost every conceivable shade of color, with markings exceedingly odd and varied. We give below a short description of each number; occasionally they may vary a little, but as a rule they will be found to come true to description:—

- No. 1.** Rich golden yellow, with large maroon eye.
No. 2. An intense blue, with small white eye.
No. 3. Of a deep orange shade, with dark centre.
No. 4. A very striking variety; a white ground, beautifully and regularly marked with light purple, sometimes bordering on pink; yellow eye.
No. 5. A rich light brown variety, with black centre and clearly defined light yellow eye.
No. 6. Upper petals porcelain-blue, fringed with white; the lower curiously mottled and marbled with pink, chocolate and yellow. An exceedingly beautiful strain.
No. 7. Light canary yellow, with lavender centre.
No. 8. A rich velvety black, with very small yellow eye.
No. 9. Flower is of a deep chocolate shade, oddly streaked towards the centre, with veins of white, yellow and black.
No. 10. The lower portion of the blooms of this are bright yellow, splashed with crimson, while the upper petals are of a bright purple hue.
No. 11. Is a light lavender-blue Pansy, with very small eye. One of the prettiest of the collection.
No. 12. Golden yellow ground, upper petals slightly touched with crimson, large purple centre, while the lower part of the flower is very prettily marked with a deep band of rose.

In ordering please designate by number the variety desired.
 Buyer's selection of any single packet (by number) 20
 “ “ “ six packets 1 00

Or the entire collection of twelve packets, described above. 1 50
 Strong plants of Fancy Pansies, 30s. each, or \$3.00 for the set of twelve.

These Pansies we showed by colored plate in 1877-8. Besides the Fancy Pansy alluded to above, we offer the following classes, which have been saved from the best and most distinct varieties:

- Pansy, English.** Very fine mixed. 25
Extra Choice. From a superb collection. 50
Odier, or Five-Blotched. A beautiful strain, perfect in size and form of flower, as well as in beauty and variety of color. 50
Emperor William. A very valuable addition to the large-flowering pansies, distinguished for its brilliant color of ultramarine blue, with well-defined eye of purple-violet. One of the best. 25
White Treasure. Fine pure white; one of the best. 25
Faust, or King of the Blacks. Flowers intensely black. 25
Yellow. Pure golden. 25
Good Mixed. 10

PALAVA.

Per Pkt.

A beautiful Annual, growing to a height of 18 inches, and flowering abundantly. Equally valuable for greenhouse or garden.

- Palava Flexuosa.** Flowers bright pink; base of sepals almost black. 10

Scrophulariaceae

PENTSTEMON.

This beautiful class are in continuous bloom from the time they are planted out in May until frost. In shape the flowers somewhat resemble the Gloxinia, and are shaded and mottled in white, blue, crimson, scarlet and pink. They bloom the first year, if sown early in March in the house or hot-bed and planted in May. *Half-hardy Perennial.*

- Pentstemon.** Fine mixed. 10

Labiateae

PERILLA.

Having black purple-colored foliage, this ornamental plant makes a fine contrast with any of the light or silver-leaved plants usually used for lawn groups or ribbon-line gardening. *Half-hardy Annual.*

- Perilla Naukinesis.** $1\frac{1}{2}$ ft. 5

PETUNIA, SINGLE.

Hyctaginaceae

PETUNIAS.

For outdoor decoration in summer scarcely any plant equals this. They flower the first season, even if sown in the open ground, but usually not before July or August. If sown in the hot-bed in April they will bloom in June, and be larger and finer plants.

- Petunia Hybrida.** Finest striped and blotched varieties, mixed (saved from Peter Henderson's collection). (*See Cut.*) 25
New Dwarf Inimitable. (*See Novelty.*) 50
New Large-Flowering, Single. (*See Novelty.*) 75
Double. (*See Novelty.*) 1 00
Flora Pleno. Finest double mixed. 50
New Single German. (*See Novelty.*) 50
Countess of Eilsmere. (*Novelties.*) 25
Pure White. 10
Fine Mixed. 10

PHYSIANTHUS.

A climbing plant, of rapid growth, flowers pure white and fragrant. It is often called the “cruel plant,” owing to its flowers forming a trap, which closes on insects that may chance to light thereon.

- Physianthus Albus** 50

Caryophyllaceae

PINK, PICOTEE.

Equally suited for out or indoor culture, flowering freely, and having a delicious fragrance. *Half-hardy Perennial's.*

- Picotee Pink.** Saved from finest varieties. 50

PINK, CHINA, and other varieties. (*See Dianthus.*)

Amaryllidaceae

POLYANTHUS.

Flowering plants, blooming in early spring, adapted for pot culture or outside beds. *Hardy Perennials.*

- Polyanthus.** Choice mixed, from best laced flowers. 25
Mixed Border Varieties 10

Rosaceae

POTENTILLA.

Handsome flowering herbaceous plants, exceedingly useful and ornamental in mixed flower borders, lasting a long time in bloom. *Hardy Perennials.*

Potentilla. Finest mixed, 1½ ft.	Per Pkt. 10
— Double-Flowering. Finest mixed	25

PHLOX DRUMMONDII.

Polemonaceae

PHLOX.

Phlox Drummondii, to which section nearly all the following classes and varieties belong, is one of the very finest of Annual plants, and stands almost unrivaled for profusion and duration of bloom and richness of color. *Hardy Annuals*.

<i>Phlox Drummondii</i> Alba. Pure white.....	10
— Atropurpurea Striata. Beautifully striped.....	10
— Black Warrior. Dark purple.....	10
— Coccinea. Deep scarlet.....	10
— Isabellina. Pale yellow.....	10
— Leopoldii. Bright rose, white eye.....	10
— Oculata. White, with purple eye.....	10
— Princess Royal. Light purple, with white streaks.....	10
— Queen Victoria. Violet, white eye.....	10
— Radowitzii. Rose purple, white eye.....	10
— Rosea. Pure rose color.....	10
— Finest Mixed Varieties.....	10
— Grandiflora Splendens. A newer variety. The flowers are large; bright scarlet, with a conspicuous white eye, the centre of which is encircled with a well-defined violet edge.....	15
— Heynholdii. Bright scarlet, dwarf and compact.....	10
— Cardinalis. (New.) Compact and bushy; brilliant scarlet.....	25
— Perfection. This is distinguished from all other sorts of <i>Phlox Heynholdii</i> by its very dwarf and compact growth. The plants form small sphere-shaped bushes, never exceeding four or five inches in height, and are literally covered with beautiful coppery-scarlet flowers, continuing in bloom late into the fall. As it comes quite true from seed it will be well adapted for ribbon lines, massing or wherever a striking effect in flower-beds is to be produced.....	50
— Decussata. Perennial mixed, saved from named varieties.....	10
— New Large-Flowering. A new section, whose distinctive feature is the large size of the flower, being almost equal to that of the Perennial Phlox, while the flowers in nearly all the varieties have a clearly defined white eye.....	10

In collections of six varieties (separate).....1 00

New Dwarf Phlox Drummondii.

A distinct section of the above, and distinguished from it by its dwarf habit and compact growth.

<i>Phlox Drummondii</i> Nana Compacta Coccinea. Deep scarlet, white eye.....	25
— Red. A bright shade.....	25
— Rose. Pure rose shade.....	25
— Fireball. Bright dazzling scarlet.....	25

Papaveraceae

POPPY.

Plants with large and brilliantly colored flowers, always making a showy display in the garden. *Hardy Annuals*.

Poppy, Carnation-Flowered. Double, mixed colors, 2 ft.....	Per Pkt. 5
— French (<i>Papaver Rhoeas</i>). Ranunculus-flowered, double mixed, 2 ft.....	5
— English Scarlet. One of the commonest plants in Great Britain, being found growing wild there in field after field, and which produces the most gorgeous effect that can be imagined with its dazzling scarlet blooms.....	25

Portulacaceae PORTULACA.

Beautiful and popular *Hardy Annuals*, of the easiest culture, luxuriating in an exposed sunny situation, and producing throughout the summer their flowers of almost every hue in the greatest profusion. The double *Portulaca* is one of the finest *Annuals* in cultivation.

<i>Portulaca</i> Bedmani. A fine variety. Flowers large, pure white, with a reddish purple eye.....	5
— Golden Striped. A very distinct and strikingly new variety. Flowers of a light straw-color with golden or orange stripes.....	5
— Alba. Clear white.....	5
— Red and White. Striped.....	10
— Splendens. Rich purple.....	5
— New Pink. This is a great improvement on the common single <i>Portulaca</i> . The flowers, nearly twice the size of the old variety, are of a delicate pink shade.....	5
— Splendid Mixed Single. All colors.....	5
— Grandiflora Double. Finest mixed. These are unsurpassed for brilliancy of color by any <i>Annuals</i> grown.....	15

PRIMULA SINENSIS FIMBRIATA.

Primulaceae

PRIMULA (Chinese Primrose).

Following the English practice, it is usually advised to sow *Primula* seeds in July and August, but in our hot, dry climate it is very difficult to have them germinate at that season; so, in our own experience, we have found that the best time to sow is in February, March or April. Then sown, the seed germinates freely, and fine plants can be had for winter flowering. The great perfection to which *Primulas* have been brought render them in attractiveness and value scarcely equaled by any class of plants.

<i>Primula sinensis</i> Fimbriata. Very choice mixed, from prize flowers. (See Cut).....	50
— Alba. Pure white.....	50
— Rubra. Red, very fine.....	50
— Striata. Striped with red.....	50
— Kermesina Splendens. Bright carmine, with distinct yellow eye.....	50
— Alba Plena. Double white.....	1 00
— Rubra Plena. Double red.....	1 00
— Double Mixed. Red and white.....	1 00
The double varieties produce a large percentage of double flowers, and are superb.	
— Punctata Elegantissima. A beautiful new variety, flower deep velvety crimson, strongly fringed, and regularly marked at the borders with small snow-white spots.....	1 00
— Filicifolia Alba. White, fern-leaved, very beautiful.....	50
— Rubra. Red, fern-leaved.....	50
— Japonica (New Japanese Primrose).....	25

PYRETHRUM GOLDEN GEM.

Compositae **PYRETHRUM (Feverfew).** Per Pkt.

An old and favorite herbaceous plant, of which three distinct classes are offered below. *Hardy Perennials.*

- Pyrethrum Hybridum fl. pl.** New varieties of this beautiful, hardy, herbaceous plant, saved from double flowers only.....25
- **Parthenifolium Aureum** (Golden Feather). Bright golden foliage. One of the best bedding plants.....10
- **Golden Gem.** A splendid bedding plant, producing large double white flowers, which are continued throughout the summer. The color of the foliage is a brighter yellow than that of the old "Golden Feather," itself one of the best bedding plants grown.....25

RHODANTHE.

Compositae **RHODANTHE.**

Belongs to what is known as "Everlasting Flowers," and is invaluable for winter bouquets; but it has also added interest and value from the fact of its being equally desirable when grown as a pot plant in greenhouse or parlor, or when planted out for garden decoration. *Half-hardy Annuals.*

- Rhodanthe Atrosanguinea.** Dark purplish crimson, very brilliant. (See Cut).....10
- **Maculata.** Bright rosy crimson, with yellow disc. 10
- **Alba.** Pure silvery white, very beautiful10

Euphorbiaceae **RICINUS (Castor Oil Bean).**

Tall-growing plants of tropical origin, and whose luxuriant foliage renders them exceedingly ornamental and desirable. *Half-hardy Annuals.*

- Per Pkt.*
- Ricinus Borboniensis Arboreus.** Very large and handsome foliage, 15 ft.....10
- **Giganteus.** Leaves of immense size, 12 ft.10
- **Gibsonii.** Dark red foliage.....10
- **Obermanii.** (*Sanguineus*). Red fruit; splendid ornamental plant, 8 ft.10
- **Tricolor.** Three-colored, very beautiful, 7 ft.....10
- **Mixed Varieties.**.....10

Cruciferae **ROCKET (Hesperis).**

Well-known, very fragrant, early spring-flowering plants growing and blooming freely. *Hardy Perennials.*

- Rocket, Sweet. Purple.** 1½ ft.5
- **White.** 1½ ft.5
- **Mixed.** 1½ ft.5

Scrophulariaceae **SALPIGLOSSIS.**

Remarkably beautiful autumn-blooming plants, with funnel-shaped flowers, curiously veined and marbled. *Half-hardy Annuals.*

- Salpiglossis Azurea Grandiflora.** Sky-blue, 1½ ft. 10
- **Coccinea.** Scarlet, 1½ ft.10
- **Large-Flowered.** Finest mixed, 1½ ft.....10

Labiatae **SALVIA.**

With their spikes of scarlet, white and blue, the Salvia makes one of the most gorgeous plants in the garden. *S. Patens* (blue) and *S. Splendens* (red), are perhaps the best representatives of these two primary colors to be found in the whole range of flowering plants. Seeds sown in April will flower in July and August, and continue throughout the season. *Half-hardy Perennials.*

- Salvia Patens.** Splendid deep blue, 3 ft.....25
- **Splendens.** Vivid scarlet, 3 ft.10
- **Alba.** New white, very distinct.....25

SANVITALIA.

Compositae **SANVITALIA.**

Dwarf-growing, free-flowering plants, very suitable for small beds or rock-work. *Hardy Annuals.*

- Sanvitalia Preamble Fl. Pleno.** A beautiful acquisition; flowers densely double, bright golden yellow, and produced in the greatest abundance, ½ ft. (See Cut).....10

Caryophyllaceae **SAPONARIA.**

An extremely beautiful class of compact-growing plants, producing masses of minute cross-shaped rose and white flowers, which continue blooming all summer. *Hardy Annuals.*

- Saponaria Calabrica.** Rich deep pink, ½ ft.....10
- **Alba.** Pure white, ½ ft.10

*Compositae***SCABIOSA (Mourning Bride, or Sweet Scabious).**

Per Pkt.

A beautiful border plant, producing in profusion flowers in great variety of colors; excellent for cutting for table bouquets, etc. *Hardy Annuals.*

Scabiosa Nana Fl. Pleno. The flowers are quite double and globular, varying in all the shades of white, carmine, maroon, lilac, etc.; a most valuable flower to use in bouquets or vases of cut flowers, 1 ft. 10

— **Tall German.** Mixed, 2 ft. 5

SCHIZOPETALON.

Schizopetalon Walkerii. This little plant bears delicately fragrant fringed flowers. *Hardy Annual, ½ ft.* 10

*Scrophulariaceae***SCHIZANTHUS.**

A splendid class of plants, combining elegance of growth with a rich profusion of beautiful flowers, valuable for greenhouse decoration in spring, and the flower-garden in summer. *Half-hardy Annual.*

Schizanthus, Finest Mixed Colors. 5

SCYPHANTHUS.

Scyphanthus Elegans. A dwarf, free-flowering, half-hardy evergreen trailing plant; yellow, 2 ft. 10

*Rasulaceae***SEDUM (Stone-Crop).**

A very interesting and useful little plant, growing freely on rock or rustic work, ornamental mounds, old walls, etc. *Hardy Perennial.*

Sedum Cernuum. Blue, ¼ ft. 10

SENSITIVE PLANT. (See *Mimosa Pudica*.)

*Caryophyllaceae***SILENE, or CATCHFLY.**

A beautiful genus of free-flowering plants, with bright attractive flowers, admirably adapted for spring and summer blooming in beds, rock-work, etc.

Silene Pendula Compacta. Plant dwarf and compact, forming dense cushions two or three inches in height, and from nine to twelve inches in diameter, which during the season are perfectly solid with bloom. 5

SMILAX. (See *Myrsiphyllum Asparagoides*.)

SNAKE CUCUMBER.

(See *Cucumis Flexuosus*.)

SOLANUM CAPSICASTRUM.

SOLANUM.*Solanaceae*

A genus of ornamental fruit-bearing plants, some of them among the most interesting of greenhouse shrubs, while others are remarkable for their fine foliage, and are most useful for groups on lawns, or as single specimens.

Solanum Capsicastrum, or "Jerusalem Cherry." Miniature orange tree, covered all winter with a profusion of scarlet fruit. A very interesting plant for the decoration of the greenhouse or sitting-room. *Half-hardy Perennial, 1½ ft.* 10

Per Pkt.

Solanum Warscewiczii. A magnificent plant, with immense leaves of a deep green color. It attains an average height of six to eight feet, and when planted in masses produces a grand effect. 10

— **Lobeli.** (See *Novelties*) 25

SPHENOGYNE.

A bright yellow, free-flowering border plant, from South America; useful for beds, ribbon borders or edgings.

Sphenogyne Speciosa. *Hardy Annual, 1 ft.* 5

*Plumbaginaceae***STATICE.**

Exceedingly interesting plants of easy culture. They are all very free-flowering, and remain a long time in bloom, the flowers being valuable for winter bouquets.

Statice Bonduelli. Deep golden yellow. *Half-hardy Perennial, 1½ ft.* 10

— **Spicata.** Forms a beautiful bouquet of rosy pink flowers. *Annual.* 10

— **Incana Hybrida.** Fine mixed. *Perennial.* 10

LARGE-FLOWERED DWARF PYRAMIDAL STOCK.

*Onagraceae***STOCKS (German Ten-Weeks).**

These are especially recommended on account of their long continuance in bloom and vigorous habit. Flowers very double, 1½ ft. *Half-hardy Annuals.*

Stock, Dwarf German Ten-Weeks. Fine mixed... 5

— **Large-Flowering.** Choice mixed... 10

— **Pure White.** 15

— **Purple.** 15

— **Scarlet Victoria.** New and fine... 15

— **New Large-Flowered Dwarf Pyramidal.**

The most popular stock in cultivation; very finest mixed. (See *Cut*) 25

— **Wallflower-Leaved.** Pure white, very fine... 15

— **Purple.** 15

— **Crimson.** Very fine... 15

— **Finest Mixed.** 15

STOCKS (Intermediate).

The Intermediate Stocks are valuable on account of their flowering late in autumn, also as pot plants for early spring blooming, for which purpose the seeds should be sown in July or August.

Stock, Intermediate. Scarlet. 15

— **White.** 15

— **Purple.** 15

— **Mixed.** 15

STOCKS (Brompton and Emperor).

The Emperor, or Perpetual Flower, may be treated in the same manner as the Intermediate; they frequently last several years, if protected from the frost. The Brompton is a Biennial of branching habit, producing a grand display when in bloom.

Stock, Emperor or Perpetual. Finest mixed... 15

— **Brompton or Winter.** Finest mixed... 10

*Compositae***SWEET SULTAN.**

Showy Annuals of easy culture, very effective in shrubbery borders. *Hardy Annuals.*

Sweet Sultan. Purple, 2 ft. 5

— **White, 2 ft.** 5

— **Yellow, 2 ft.** 5

— **Mixed.** 5

Conyophyllaceae

SWEET WILLIAM.

Per Pkt.

SWEET WILLIAM (*Dianthus Barbatu*).

A very beautiful class of plants, of extreme richness and diversity of color. The varieties have been greatly improved of late years. *Hardy Perennials*.

- **Sweet William.** Fine mixed..... 5
- **Auricula-Flowered.** Flowers in trusses of immense size, and of exceedingly beautiful colors.10
- **Double-Flowering.** Finest mixed, from a splendid collection of double flowers.....10

Leguminosae

SWEET PEAS.

Very beautiful, fragrant and free-flowering climbing plants, continuing in bloom all summer; supported by common pea-sticks they form admirable screens for protecting more tender plants or excluding unsightly objects; valuable for training on trellis-work, covering rough fences, etc. *Hardy Annuals*.

- **Sweet Pea, Scarlet Invincible.** Remarkably fragrant, with bright scarlet-crimson flowers; an unusually prolific bloomer..... 5
- **Striped**..... 5
- **Painted Lady**..... 5
- **Purple**..... 5
- **White**..... 5
- **Fairy Queen**..... 5
- **Butterfly.** (See special description in *Novelties*).25
- **Violet Queen.** (See special description in *Novelties*).25
- **Mixed.** All colors. Per ounce, 15c.; per pound, \$1.. 5

THUNBERGIA.

THUNBERGIA.

Extremely ornamental free-blooming climbers of rapid growth, handsome foliage and much-admired flowers; good for greenhouse culture or in warm situations out-of-doors.

- **Thunbergia Alata.** Buff, with white eye, 4 ft.....10
- **Alba.** White, with dark eye, 4 ft.....10
- **Aurantiaca.** Bright orange, dark eye, 3 ft.....10
- **Bakerii.** Pure white, 4 ft.....10
- **Mixed Varieties.** (See *Cut*).....10

Passifloraceae

TACSONIA.

Per Pkt.

Tacsonia Von Volkemi. This beautiful climber was found in New Grenada. It is a plant that flowers most abundantly, and for almost the whole year: the flowers individually are about five inches in diameter, and of the richest scarlet. *Half-hardy Shrub*.....25

Compositae

TAGETES.

Tagetes Signata Pumila. A beautiful delicate fern-leaved plant, forming a compact globular bush, and covered with bright yellow blossoms, with a red-dish-brown stripe through the centre of each petal. *Half-hardy Annual*, 1 ft.....10

Scrophulariaceae

TORENIA.

Torenia Bailloni. (See *Novelties*)..... 50
— **Fournjeri.** (See *Novelties*).....25

Coliaceae

TRITOMA (Red-Hot Poker Plant). ! *Tong*

Tritoma Uvaria. A most interesting plant, that ought to be in every garden. The flower-stalk grows to the height of three feet; the flower-spike is about one foot in length, of colors varying from yellow to deep scarlet, giving it somewhat the appearance of a heated bar of iron, hence it is vulgarly called "Red-hot Poker Plant." It continues in bloom from July to October. Grown either singly or in masses, produces a striking effect.....25

Cucurbitaceae

TRICHOSANTHES.

Very curious plants, with long, elegant serpent-like fruit, exceedingly ornamental. *Half-hardy Annuals*.

- **Trichosanthes Coccinea.** A charming climber, with small oval green and white marbled fruit, changing to scarlet.....10
- **Colubrina.** Serpent gourd, brilliant carmine fruit, 5 to 6 ft. in length.....10

TROPEOLUM LOBBIANUM.

Ceraniaceae

TROPEOLUM.

Very elegant and beautiful climbers, flowering most profusely; admirably adapted for greenhouse or conservatory

decorations, especially during the winter months: very useful for covering verandas, trellis and rustic work out-of-doors. *Half-hardy Annuals.*

- Tropaeolum Lobbianum.** Brilliant shades of scarlet-crimson. Mixed varieties, 6 ft. 10
 — **Lobbianum Spitzfire.** Fiery red. 15
 — **Brillante.** Fine scarlet. 15
 — **Geant des Batailles.** Brilliant carmine. 10
 — **Triomphe de Gand.** Orange scarlet, 4 ft. 10
 — **Peregrinum.** (See Canary Bird Vine). 10

TUNICA.

Tunica Saxifraga. A very pretty Hardy Perennial, with rosy lilac flowers, useful for edgings, dwarf beds or rock-work, ½ ft. 10

Valerianaceae VALERIAN.

Very showy border plants; will grow in almost any soil. *Hardy Perennials.*

- Valerian, Red.** 1½ ft. 5
 — **White.** 1½ ft. 5
 — **Mixed.** 1½ ft. 5

Verbenaceae VERBENA.

Well-known and universally admired plants; invaluable for summer decoration. Blooming freely the first year from seed. *Half-hardy Perennials.*

Verbena Hybrida. Saved from Peter Henderson's splendid collection of the best named varieties. Great care has been taken that this seed should be saved from such as are really good bedding kinds, and of attractive colors. 25

- **Scarlet.** 25
 — **White.** 25
 — **Mixed.** 10

Scrophulariaceae VERONICA.

Very ornamental herbaceous plants. **V. Syriaca**, if sown early, forms an extremely pretty edging for small beds.

- Veronica Glauca.** Blue, 2 ft. *Hardy Perennial.* 10
 — **Syriaca.** Bright blue and white. *Half-hardy Annual.* 10

Ascyonaceae VINCA.

A genus of beautiful greenhouse shrubs; if sown early in heat, and transplanted to a warm situation in the garden about May or June, they will flower beautifully in the autumn, and may be potted for the house before frost.

- Vinca Rosea.** Rose, with dark eye, 2 ft. 10
 — **Alba.** White, with crimson eye, 2 ft. 10
 — **Pura.** Pure white, exquisite. 10

VISCARIA.

VISCARIA.

Remarkably free-flowering plants, of brilliant colors. *Hardy Annuals.*

- Viscaria Cardinalis.** An exceedingly showy variety, producing a profusion of brilliant magenta blossoms. 10
 — **Oculata.** Pink, with rich crimson eye, 1 ft. 5

Per Pkt.

Violaceae VIOLA (Violet).

Per Pkt.

A known favorite, deservedly much in demand on account of its profusion of bloom and delightful fragrance. *Hardy Perennial.*

- Viola Odorata** (Sweet Violet). ½ ft. 10

Cruciferae VIRGINIAN STOCK.

Extremely beautiful free-flowering little plants for beds, baskets or edgings, growing freely in any soil. *Hardy Annuals.*

- Virginian Stock.** Red and white mixed, ½ ft. 5

Cruciferae WALLFLOWER.

A well-known plant, much esteemed for its fragrance. *Half-hardy Perennial.*

- Wallflower, Double.** Finest mixed, 2 ft. 10
 — **Single Mixed.** 2½ ft. 5

WHITLAVIA.

Hydrophyllaceae WHITLAVIA.

Charming Hardy Annuals, with beautiful bell-shaped flowers, growing freely in any soil.

- Whitlavia Grandiflora.** Violet blue, 1 ft. (See Cut). 5

- **Gloxinoides.** An elegant variety, with beautiful Gloxinia-like flowers; corolla pure white, with delicate blue lip. 10

Hydrophyllaceae WIGANDIA.

Splendid ornamental-foliated plants, with immense leaves, 3 ft. long by 1½ ft. wide; seed sown early in spring, in hot-bed, will produce fine plants by the middle of summer.

- Wigandia Caracasana.** 6 ft. (See Cut). 25
 — **Vigieri.** Superb foliage. 25

Compositae XERANTHEMUM.

A showy class of Everlastings; the flowers, when gathered young, are useful for winter bouquets. *Hardy Annuals.*

- Xeranthemum, Double White.** 2 ft. 10
 — **Double Purple.** 2 ft. 10
 — **Annum Superbissimum.** (See Novelties). 25

Compositae ZINNIA ELEGANS.

Like Balsams or Petunias, these can be raised to flower by August, if sown in the open ground; but if sown under glass in April, they will bloom in June, and throughout the entire season, making larger and finer plants. Few plants have improved so much as the Zinnia, and we have now dazzling scarlets, yellow, orange, rose, lilac, crimson and white, rivaling the Dahlia in symmetry. *Half-hardy Annuals.*

- Zinnia Elegans, Fl. Pl.** Extra choice, double, 1½ ft. 10
 — **Alba.** White, 1½ ft. 10

- **Haageana, Fl. Pl.** A beautiful novelty. The flower is of a deep orange-yellow color, keeping its color when dried, thus rendering it an acquisition for bouquet making. It is also a good bedding plant, blooming continually till the frost sets in. 15

ORNAMENTAL GRASSES.

AGROSTIS NEBULOSA.

BROMUS BRIZIFORMIS.

STIPA PENNATA.

Nearly all the Ornamental Grasses are very showy and beautiful, and when dried and tastefully arranged in connection with the Everlasting Flowers, make exceedingly attractive winter bouquets. They are mostly Annuals, and those which are not, with the exception of Pampas Grass, flower the first year.

	Per Pkt.		Per Pkt.
Agrostis Nebulosa. Exceedingly graceful and beautiful; one of the most elegant of Ornamental Grasses. <i>Hardy Annual</i> , 1 ft. (See Cut).....	5	Festuca Rigida. Curious dwarf variety.....	5
Avena Sterilis (Animated Oats). <i>Hardy Annual</i> , 2½ ft. 5	5	Gymnothrix Latifolia. Splendid ornamental grass. <i>Half-hardy Perennial</i> , 10 ft.....	25
Briza Maxima (Large Quaking Grass). Very elegant. <i>Hardy Annual</i> , 1 ft.....	5	Glycerium Argenteum (Pampas Grass). The finest ornamental grass in cultivation, 10 ft. <i>Half-hardy Perennial</i>	25
— Gracilis (Slender Quaking Grass). <i>Hardy Annual</i> , 1 ft.....	5	Hordeum Jubatum (Squirrel Tail Grass). Very handsome, 3 ft.....	5
Brizopyrum Siculum. Very dwarf, with shining green leaves; very pretty, ½ ft.....	10	Lagurus Ovatus (Hare's Tail Grass). Dwarf, very pretty, 1 ft.....	5
Bromus Briziformis. A fine grass. <i>Hardy Perennial</i> . (See Cut).....	5	Panicum Capillaceum. Extremely ornamental, 3 ft..	5
Chloris Barbata. Pretty and curious. <i>Hardy Annual</i> , 1 ft.....	5	— Sulcatum. Beautiful palm-like foliage, exceedingly ornamental. <i>Half-hardy Annual</i> , 2 ft.....	10
— Truncata. Fine silvery plumes, 2 ft.....	5	Setaria Macrocheta. Graceful drooping plumes. <i>Hardy Annual</i> , 2 ft.....	5
Crysurus Aureus. Very dwarf, with yellowish feathery spikes, useful for bouquets. <i>Hardy Annual</i> , ½ ft.....	10	Stipa Elegantissima. One of the most beautiful of Ornamental Grasses.....	10
Coix Lachryme (Job's Tears). <i>Half-hardy Annual</i> , 2 ft..	5	Stipa Pennata (Feather Grass). Exceedingly graceful and beautiful. <i>Hardy Perennial</i> , 2 ft. (See Cut).....	10
Eragrostis Elegans (Love Grass). Elegant and pretty. <i>Hardy Annual</i> , 2 ft.....	5	Tricholena Rosea. A very beautiful rose-tinted grass. <i>Hardy Perennial</i> , 2 ft.....	10
Erianthus Ravennae. A superb perennial grass, resembling the Pampas in appearance and habit of growth, but attaining a greater height than that variety, and is quite hardy. Flowers the first year, if sown early in heat. <i>Hardy Perennial</i> , 10 ft.....	25	Zea Japonica Variegata (Variegated Japanese Maize). Striped green and white.....	5

Entire Collection (one packet of each) of 24 Ornamental Grasses, as above, for \$1.50.

About Warranting Seeds.

The question is repeatedly asked us, if we guarantee or warrant seeds. We beg to state most emphatically that we do not, and our employees have strict orders never to do so in any case. Though well believing that the seeds we offer are unsurpassed in quality, yet our practical experience of many years as Market Gardeners has well assured us of the fact that crops may fail, no matter how fresh or pure the seed sown to produce them may be. Failure of germination of seeds may be produced from causes that the utmost care from the most experienced cultivators cannot control, and the maturing of crops also repeatedly fail, so as to be a total loss, from causes that no human power can avert. Hence, to guarantee seeds to invariably produce a perfect crop would be little short of quackery.

Peter Henderson & Co.

Novelties and Specialties

IN

FLOWER SEEDS FOR 1880.

NEW ASTERS.*Per Pkt.*

New Dwarf Peony-Flowered Perfection ("Black-Blue"). This variety, as well as the succeeding sort, "Rose and White," are new colors in a comparatively new race of Asters. "Black-Blue" grows only twelve inches high, is of compact growth, and produces incurved peony-like blooms of perfect form, in color deep indigo blue.....50

New Dwarf Peony-Flowered Perfection ("Rose and White"). The same dwarf habit peculiar to "Black-Blue" characterizes this variety—the color of the flowers are rose and white combined.....50

New Washington ("Silver-Gray" and "White tinted with Rose"). The Washington Aster is of quite recent origin, and up to this time we have only been able to offer two colors (White and Peach Blossom), which will be found catalogued in the General Flower Seed List. The new colors now offered, "Silver-Gray" and "White tinted with Rose," like the other varieties of Washington Asters, produce flowers of enormous size, the single flowers of which sometimes measure from 4 to 6 inches in diameter. Either variety.....50

ANGELONIA GRANDIFLORA ATROPURPUREA.

A distinct new variety, bearing long spikes of fragrant brown-violet flowers..... 50

CARNATION, New Grenadin.

A new variety that we are sure will prove of great value, and eventually become a standard sort. Coming perfectly true from seed, it blooms much earlier than any other variety, and produces in the greatest abundance perfectly double flowers, of good size, and of the most vivid scarlet hue. The habit of the plant is dwarf and compact..... 50

DELPHINIUM CASHMERIANUM.

In this new variety of Larkspur, flowers nearly equal in size to the well-known *D. Formosum* are produced on stems not exceeding 15 inches in height. The flowers are fully an inch in diameter, and are usually of a light blue purple, but vary in shade to mauve or dark blue, and are produced in corymbs of six or more. The plant is a native of the Himalaya mountains, where it is found at an elevation of 12,000 feet.....50

DIANTHUS, New Japanese.**"Eastern Queen" and "Crimson Belle."**

These popular forms of *D. Heddergii* are most distinct and pleasing. "Eastern Queen" is beautifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty. "Crimson Belle," as its name implies, is of a rich crimson color, flowers of very large size and substance, evenly and finely lacinated. Both varieties come perfectly true from seed, and have been fully tested by us, and they are grand. 50 cents per packet, or a packet of both sorts for 75 cents.

NEW CARMINE CANDYTUFT.

CANDYTUFT, New Carmine. *Per Pkt.*

This splendid novelty is of dwarf, compact habit, and when in flower presents a mass of vivid carmine blooms of great beauty.....25

ESCHSCHOLTZIA CROCEA FLORE PLENO.

A new double-flowering variety, flowers bright orange scarlet, shading off to salmon red. Quite a distinct sort, and an abundant bloomer.....50

GERANIUM, New Cocoanut.

A new scented leaved variety, evidently a hybrid between the Apple and Nutmeg scented, and having a very marked, agreeable fragrance. For use in bouquets or baskets it will be found more valuable than its parents, as it not only possesses a longer stem, but its leaf is firmer in texture, and therefore not likely to wither quickly.....50

GILIA TRICOLOR RUBRO VIOLACEA.

This novelty is a variety of an old favorite plant, and bears beautiful light lilac flowers.....50

CALENDULA OFFICINALIS "Meteor." Per Pkt.

This new Marigold bears in profusion large yellow flowers, which are regularly and distinctly striped with bright orange. As it blooms as freely as any of the other Marigolds, it will prove to be a distinct and decided acquisition.50

ESCHSCHOLTZIA MANDARIN.

A most beautiful and distinct new variety. The inner side of the petals is of a rich orange color, the outer side being brilliant scarlet, of the type known in new fabrics as the mandarin scarlet, and when in full bloom the plants of this charming novelty present a gorgeous outline. The inner surface of the flowers has a rich, silk-like appearance, resembling the beautiful silk of the silkworm. The flowers are of good substance.....50

GODETIA WHITNEYI "Brilliant."

The flowers of this novelty are rich carmine, shading off to light rose at the points of the petals. The plant is of fine habit, dwarf and compact, and this, with its free-flowering character, will make it, for massing, exceedingly showy and effective25

GODETIA, Lady Albemarle.

A hardy plant, growing about one foot in height. The flowers are large, frequently measuring from three and a half to four inches across, and are of an intense carmine crimson shade; the edges of the petals being slightly suffused with pale lilac. It blooms very profusely, and remains for a long time covered with blossoms.....25

HOLLYHOCK, New Japanese.

This superb variety is not a novelty of this season—in fact, it is now four years since we first sent it out; but as it will always be an exceedingly shy seeder, it will probably never attain the general cultivation it so richly merits. It is so entirely distinct from any of the other varieties of Hollyhock, as to make it much sought after on this account alone. It differs from the ordinary sorts in its pyramidal form and dwarf growth, growing only about two feet in height. The flowers are of bright crimson, semi-double, blooming during the summer months.....50

LARKSPUR, DWARF RANUNCULI-FLOWERED. (Brown-Violet.)

Of this new variety the plant attains a height of 12 to 15 inches, growing column-shaped, bearing numerous flower stalks, which are thickly studded with brown-violet blossoms.....50

LOBELIA CARDINALIS.

One of our finest native plants, perfectly hardy, growing to a height of four feet. The flower spikes, eight inches long, are of an intense vermilion scarlet.....25

MATRICARIA EXIMIA, Fl. Pl., Var. Crispa.

A fine double white Feverfew, with foliage curled like the finest double curled Parsley. The effect is said to be very fine25

MIGNONETTE, The Prize.

A most valuable variety, not altogether new, but which has been but little grown in this country. One or two growers of cut flowers, who supply the New York bouquet makers,

and who were fortunate to secure some seed of this sort last season, inform us that it is so much superior in every respect to the ordinary kinds of Mignonette that it brought them double the price usually paid for bunches of these. It bears a very close, dense spike, entirely free from straggling blooms; fully twice the ordinary size, and is as deliciously fragrant as any.....25

NEWER BEGONIAS.

- Begonia Incana.** The foliage of this variety is covered with a white down, giving it a singular appearance; flowers scarlet.....25
- Rubra.** A variety of recent introduction of which seed is offered for the first time. Foliage of darkest green; the color of the flowers is scarlet-rose, glossy and wax-like.....25
- Washingtoniana.** Also a new variety; winter flowering, with glossy leaves, and immense clusters of rose-colored flowers.....25

NEW MIGNONETTE.

(Reseda Odorata Compacta Glauca.)

A new sort, which forms a circular bush eighteen inches in diameter, and not more than nine inches in height; its fragrant blooms are of a shade entirely distinct in Mignonette, being what might be called a glaucous shade of lilac. One of the best new things we have ever met with.....50

NEW SWEET PEAS.

It is now several years since any novel form of this old favorite has been introduced, and we are sure that the two very striking varieties named below will be universally welcomed.
Sweet Pea, "Butterfly." The flowers of this beautiful variety have a pure white ground, delicately laced with lavender-blue. It possesses the same robust habit as the older varieties, is deliciously fragrant, and will prove exceedingly valuable for bouquets..25
— "Violet Queen." "Violet Queen" is dwarfier in habit than any of the other varieties; seed also is quite distinct in appearance. The flowers of this variety are of a deep violet hue.....25

PETUNIAS, New Large-Flowering Single and Double.

It is almost impossible to believe, without having seen, the wonderful advance that has been made during the past three years in these new classes of Petunias, both in the double and single varieties. The flowers, besides being nearly twice the size of the ordinary sorts, embrace nearly every imaginable shade of carmine, violet, rose, crimson, white and purple, as well as being blotched and mottled in all manner of ways. We offer below of—

NEW SINGLE SPECIES.

Petunia Hybrida Grandiflora Alba. Large pure white.

- — — Fimbriata.** Beautifully fringed, all shades.
- — — Kerimesina.** Crimson, with white throat.
- — — Maculata.** Spotted violet and purple.
- — — Purpurea.** Fine deep purple.
- — — Striata.** Prettily striped and streaked, in all colors.

Any of the above Single Species, 75c. per packet, or the collection of 6 species for \$4.00.

NEW DOUBLE SPECIES.

Per Pkt.

Petunia Hybrida Grandiflora Plena. New, large-flowering, embracing all colors.

—— **Marginata, Fl. Pl.** Green-edged, double, large-flowering, all shades. A superb strain.

—— **Fimbriata, Fl. Pl.** Double fringed, large-flowering, comprising all shades of color.

Any of the above Double Species, \$1.00 per packet, or the collection of 3 species for \$2.50.

PETUNIA, New Single German.

We offer seed in mixed colors, of our own saving, from this, the finest strain of striped and blotched Single Petunia we ever saw:50

PETUNIA HYBRIDA ROBUSTA FLORE PLENO.

Of this new Petunia the originator, Mr. Benary, says that it is half dwarf in stature, and of such robust growth that staking is quite unnecessary. The plants are very compact and assume the form of a candelabrum, attaining a diameter of 14 inches and a height of 11 inches. The flowers, of which a large number belong to both the *Double Large-Flowering*, *Smooth* and *Fringed-Petaled* sections, comprise all of the beautiful shades known to the genus, and so freely are they borne that a fully developed plant has all the appearance of a made bouquet.75

PETUNIA, New Dwarf Inimitable.

(*P. Hybrida Nana Compacta Multiflora.*)

A novelty worthy of general attention, inasmuch as it adds to our gardens a Petunia which is really dwarf. It forms a compact plant from 5 to 8 inches high, by as much in diameter, and thickly covered with cherry-red flowers, each of which is marked by a white star; occasionally a few seedlings will appear whose blooms will be of another hue. This Petunia will be very effective for massing, and admirably adapted for pot culture. It will be found, also, a valuable sort for market culture, from its dwarf habit.50

PETUNIA, Countess of Ellsmere.

Not altogether new, nor does it possess much merit when grown singly; but if used for massing, such as forming groups on lawns, &c., it will be found one of the most effective plants for such purposes. It is a very free bloomer; flowers pink, with white throat.25

SILENE PENDULA CARNEA FL. PLENO.

A very free-flowering novelty, producing beautiful double flowers of a delicate pink. It comes quite true from seed, and will be found well adapted for edgings of flower-beds. Its blooms, too, will be found very useful in all cut flower work.50

SOLANUM LOBELI.

Grows to an average height of 15 inches, bearing beautiful fruits, which when of full size are somewhat larger than a plum. During development they change from green to orange, becoming at maturity blood-red.25

TORENIA FOURNIERI.

Per Pkt.

TORENIA FOURNIERI.

The Torenias are among our prettiest summer plants for vases or hanging-baskets, and this variety, although not altogether new, is so distinct and pleasing as to be well worthy of special mention. The flower is sky-blue, dotted with three dark blue spots, has a bright yellow throat, and is an exceedingly free bloomer.25

TORENIA BAILLONI.

A new free-flowering sort, bearing golden-yellow flowers that have a brownish red throat. Entirely distinct from any of the other known sorts.50

XERANTHEMUM ANNUM SUPERBIS-SIMUM.

The blooms of this new sort are as double as those of a Ranunculus, of globular shape, and entirely free from projecting marginal florets. It is said to be the finest form of Xeranthemum yet obtained; the flowers will, of course, be exceedingly desirable for dried bouquets, etc.25

XERANTHEMUM ANNUM SUPERBISSIMUM FLORE ALBO.

The flowers of this new variety are white, equally as double, and of the same globular form as those of the red variety offered above. It should also be more valuable than the red, for the reason that white flowers are always in more request for dried bouquets.50

Novelties and Specialties

IN

VEGETABLE SEEDS for 1880.

The following vegetables, to which we give special space and mention, are not all new by any means; but nearly all have been fully tried, and their great value and superiority clearly shown; not only in our trials, but by thousands who have purchased from us.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

BEAN, Golden Wax Dwarf.

A thorough trial of this new sort has shown it to be one of the most valuable acquisitions made in late years to our list of Bush Beans. It is an entirely distinct variety, a week or ten days earlier than the Dwarf Black Wax; the pods are large, long and brittle, and entirely stringless. As a Snap Bean it excels all others in richness and tenderness of flavor, and has the further merit of being one of the best shell beans grown for winter use.

50c. per qt., \$3 per peck.

CABBAGE, Early Jersey Wakefield.

This variety was originated over 30 years ago by one of our New Jersey Market Gardeners, who held almost a monopoly of it until our work "Gardening for Profit" was published in 1866. From that time it has been diffused over every part of the Union, and in nearly every section is classed as being the best Early Cabbage in cultivation. The stock we offer is grown by one of the original cultivators of it, and it is undoubtedly one of the best strains existing.

10c. per pkt., 50c. per oz., \$1.75 per $\frac{1}{4}$ lb., \$6.00 per lb.

CELERY, Golden Dwarf.

A very distinct variety, which originated near Newark, N. J., and which is undoubtedly of great value, as shown by the fact that, although of only very recent origin, it is already largely grown around that locality, for both the markets of Newark and New York. In size and habit of growth it is much the same as the Half Dwarf White kinds, except that when blanched the heart, which is large and full, is of a waxy, golden yellow, rendering it a most striking and showy variety, for either market or private use. It is entirely solid, and of most excellent flavor, and one of the best keepers during winter we have ever known. (Shown in our Colored Plate of 1879.)

20c. per pkt., 75c. per oz., \$2.50 per $\frac{1}{4}$ lb.

CELERY, London Red.

We have tried to impress upon our customers, for years, the superiority of the Red Celery over the White. Not only that, as a rule, they are better flavored and more crisp, but that they are harder and keep better during winter. The variety London Red, figured in our colored plate last year, is one of the best we have ever seen, having every requisite good quality.

20c. per pkt., 75c. per oz., \$2.50 per $\frac{1}{4}$ lb.

GOURD, Dish-Cloth.

There is nothing new about this Gourd, but as we have had many inquiries for it in past seasons, we now offer seed of it. It forms rather curious, novel-looking fruit, the lining of which is sometimes utilized as a dish-cloth, hence the name.

15c. per packet.

DANVERS
CARROT.

HALF LONG SCARLET
CARENTAN CARROT.

CARROTS, Newer Sorts.

Danvers. A new variety, of great promise; in form midway between the Long Orange and Early Horn class. In color it is of a rich shade of orange, growing very smooth and handsome. It is claimed that this variety will yield the greatest bulk, with the smallest length of root, of any now grown. Under the best cultivation, it has yielded from twenty-five to thirty tons per acre. (See Cut.)

5c. per pkt., 15c. per oz., 50c. per $\frac{1}{4}$ lb., \$1.50 per lb.

Early Half Long Scarlet Carentan. A new early variety, without core. It is an excellent sort for forcing, or used as an early kind for planting in the open ground. (See Cut.)

15c. per pkt., 30c. per oz., \$1.00 per $\frac{1}{4}$ lb.

CELERY, Henderson's Half Dwarf.

This variety is now grown more extensively than any other by the Market Gardeners who supply the New York City Markets, and is the kind now found on the tables of all first-class hotels. When blanched it is of a yellowish white, making it very ornamental for the table, is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large-growing sorts in weight of bunch when grown under the same conditions.

15c. per pkt., 50c. per oz., \$1.50 per $\frac{1}{4}$ lb.

HENDERSON'S EARLY SUMMER CABBAGE.

This variety, sent out by us five years ago, continues to increase in favor everywhere. It is about ten days later than the Wakefield; but, being of fully double the size, it may be classed as the best *Large Early Cabbage*; in weight it is equal to most of the late varieties, and its short, outer leaves enables it to be planted nearly as close as the Wakefield—about 12,000 to the acre—while "Flat Dutch," "Winningstadt," etc., producing no larger heads, can only be properly grown at the rate of 8,000 to the acre. Another excellent quality of the Early Summer is that it keeps longer without bursting open after heading than any variety we know of.

We would caution, however, our customers who intend to grow it in cold frames (to winter over), to sow it at least ten days later than the Wakefield, or other early varieties, as it has some tendency to run to seed if sown at the dates suitable for these. In this latitude we sow Early Summer on 25th September.

To those who do not intend to keep it in cold frames, we would suggest to sow it in hot-bed or greenhouse, about February 1st, in the usual manner, and when of suitable size, prick off, or re-plant, at about two inches apart in hot-bed, or in shallow boxes, if in greenhouse. Treated in this manner, quite as good plants can be made of this, or any other Cabbage, as if wintered over in cold frames, and in this way they will not run to seed.

The following letters are fair specimens of those we are continually receiving in regard to this variety—

HOWELL, MICH., March 10, 1879.

The Early Summer Cabbages I had of you last year were the best I ever saw. I received the premium for them at our county fair.

THOMAS TAPWORTH.

EDGEFIELD, TENN., Nov. 7, 1879.

I have planted Henderson's Early Summer Cabbage for the past two years, and never saw better Cabbage for early market.

I. C. STEWART.

WILNA, MD., Jan. 21, 1879.

Henderson's Early Summer Cabbage has proved most satisfactory in my neighborhood, some heads weighing 19, and one actually 22 lbs.

A. B. HOLLINGSWORTH.

GREENSBURG, PA., March 29, 1879.

Last year I grew your Early Summer Cabbage, and it proved excellent with me. Every plant made a large and solid head. I also grew Henderson's Half Dwarf Celery; it was superb. I don't think I can find a better, although, as you see, I am ordering some of your New Golden Dwarf.

IRWIN WALTHOM.

HANOVER CO., VA., Oct. 6, 1879.

I have been engaged in trucking for ten years, and have grown all of the early varieties of Cabbage adapted to this climate, and I find your Early Summer far excels all I have ever grown, both in quality and uniformity of heading. I had half a pound of the Early Summer Seed sowed in hot-beds on Jan. 25th, and on June 5th I began to haul to market, receiving \$4.00 and \$5.00 per hundred without any trouble; the price I consider good, all vegetables having sold unusually low in our (Richmond) market the last year.

W. N. CATLIN.

MORROW, O., March 8, 1879.

The Cabbage seed I had of you last year, called Henderson's Early Summer, was the finest Early Cabbage I ever tasted—large, solid heads in a season when a good Cabbage is really a luxury. If you send me the same seed as ordered this time, you will certainly have orders from this section for more of the same kind.

W. H. MCKINNEY.

EAST BRIGHTON, N. Y., Feb. 12, 1878.

I must say a few words in favor of your Early Summer Cabbage; it is the best early variety I have ever seen. Every one made a fine head, and almost as solid as a stone. I had \$1.00 worth of seed last spring; now I show my faith in it, by ordering half a pound.

GEORGE HILL.

TEXARKANA, TEXAS, June 18, 1879.

I want to speak a word for your Early Summer Cabbage. I sowed, last fall, Jersey Wakefield, Wymen, Winningstadt and the Early Summer. When planted out in November, all appeared to do well; but yours outgrew them all; and when our unprecedented cold winter came, with the mercury ranging from 10 to 0 degrees for nearly three weeks, the "Henderson" came out finely, the others not so well.

B. P. SMITH.

Price of Henderson's Early Summer Cabbage Seed,

15c. per pkt., 75c. per oz., \$2.50 per ¼ lb.

HENDERSON'S EARLY SNOWBALL CAULIFLOWER.

This variety of Cauliflower, which we offered two years ago for the first time, has given the greatest satisfaction in all sections, as the few selected testimonials will show. The testimony we offer confirming our opinion of it is all the more gratifying when it is considered that these letters are from men nearly all of whom are largely engaged in growing vegetables for market. In our grounds it is the earliest of all Cauliflowers. Sown at same time and under same conditions with ten other kinds, on the 1st March, last year, we had heads of the Early Snowball, measuring nine inches in diameter, ready by 10th June—about one week earlier than any other sort. Besides, of this variety, every plant formed a fine head; in addition to its earliness and greater certainty to head than any other sort, its dwarf habit and short outer leaves allows it to be planted as close as 18 or 20 inches apart each way, so that from 12,000 to 14,000 can be set out on an acre.

DAYTON, O., Feb. 1, 1879.

Your Early Snowball Cauliflower has proved a great success with me.

G. A. KUNZ.

WALTHAM, MASS., Oct. 10, 1879.

I think your Early Snowball Cauliflower is rightly named; for solidity, whiteness and perfect shape it is far ahead of any other variety that I ever raised.

T. L. BARNES.

NEW MARKET, ALA., June 9, 1879.

I wish to say that, after years of trial in raising Cauliflower, I find that Henderson's Early Snowball succeeds perfectly in this climate; in fact, I have never had one to head until planting yours; seed was sown in hot-bed 1st February, plants set out March 22d, and we cut the first heads 30th May.

GEO. D. NORRIS.

JONES' STATION, O., Oct. 1, 1879.

Henderson's Early Snowball Cauliflower I have no hesitation in pronouncing a decided acquisition, after growing it for two seasons with great satisfaction. I have found that, with good culture, almost every plant will form a large, compact head.

GEO. L. MILLER.

TORONTO, CANADA, Oct. 30, 1879.

I find the Early Snowball Cauliflower to be the best and earliest kind I have ever grown; every one headed, and sold at a high price. I am going to plant it only next spring.

JAMES PAPE.

MCGREGOR, IA., Oct. 5, 1879.

I have much pleasure in informing you that the plants I raised from seed of Henderson's Snowball Cauliflower did very well. In the spring I had some fine heads, although the season was very hot and dry—a condition always unfavorable to Cauliflower; but those that I kept for fall beat anything I ever raised; some heads were as large round as a peck measure, and took the premium at our horticultural fair.

H. B. HORNE.

IRONTON, O., March 26, 1879.

The Early Snowball Cauliflower I bought of you is the only sort I have had any success with for the last ten years. Every plant made a large, perfect flower of creamy white.

WM. H. HINER.

HARTFORD, CT., Oct. 1, 1879.

Henderson's Early Snowball Cauliflower is a fine variety, either for spring or fall, in this section. Mine have been very good, indeed, forming large, white, compact heads.

GEO. A. SOLLY, Gardener to PLINY JEWELL, Esq.

LEAVENWORTH, KAN., Feb'y 25, 1879.

I sowed Henderson's Early Snowball Cauliflower last year on Feb'y 15, transplanted March 10, set out 1st April, and began to sell on 20th May. Every plant made a head—and such splendid ones! Who can beat Kansas?

JOHN DAVIS.

WEST NEWBURG, MASS., June 24, 1879.

I had upon my table to-day some fine heads of your Snowball Cauliflower, from seeds which you sent me the latter part of March. This is by several weeks earlier than I have ever raised this delicious vegetable; its quality is far better than any variety that I have tried; it is all you claim for it.

HAYDEN BROWN, Pres. W. N. Farmers' Club.

NEW CASTLE, PA., July 13, 1878.

I had from you this season some of your Early Snowball Cauliflower, and must say it is ahead of anything in our county; the heads are very compact and clean, and its general appearance makes a fine display on a market stand. I have never had anything to equal it.

R. M. ALLEN.

Price of Henderson's Early Snowball Cauliflower seed

50c. per pkt., \$10.00 per oz.

CORN, Egyptian Sweet.

A comparatively new variety that has been grown near Baltimore, Md., for some time. The ear is of large size, and the flavor peculiarly rich and sweet, and so superior to other sorts of Sweet Corn, that hotels and families using it will have no other kind as long as this variety is to be had. The introducer, who is a large grower and canner of corn, states that the superiority of this variety is so well understood in his neighborhood, that the prices he receives for it, both in the canned and green state, will average nearly one-half more than what he can obtain for any other sort he grows. Like all other large sorts it matures late.

30c. per qt., \$2.00 per peck.

DANDELION, Large-leaved.

Its name partly describes this new variety, although we would add that its leaves are fully double the size of the common Dandelion. It is such a great advance over the old variety, so largely used for salads, etc., that it will soon entirely supersede it.

20c. per pkt., \$1.00 per oz.

LETTUCE, Black-Seeded Simpson.

This Lettuce we offered last season for the first time, and from every side we hear the most satisfactory reports in regard to it. Like the ordinary Curled Simpson, it does not properly form a head, but a compact mass of leaves; but differs in being very much lighter colored, the leaves being almost white; stands the summer heat excellent, and attains a size nearly double that of Curled Simpson. It is equally suited for forcing; but, on account of its large size, it might not prove to be as profitable under some circumstances as the strictly forcing varieties, such as Boston Market or Tennis Ball. It was represented in our colored plate last year.

25c. per pkt., \$2.00 per oz.

LETTUCE, Green Fringed.

This very ornamental sort was also shown in our colored plate last season. It certainly surpasses all other sorts in its handsome appearance; for, out of some forty varieties of Lettuce growing in our Trial Grounds last year, we found the Green Fringed to be the most distinct and beautiful of all. It is of a very delicate and peculiar shade of green, the inner parts of the leaves white, with the edges beautifully cut and fringed. It not only furnishes an abundance of tender leaves fit for use nearly all the summer, but its ornamental character makes it very desirable for table decoration.

25c. per pkt., \$2.00 per oz.

MUSK MELON, The Hackensack.

The most popular variety of Musk Melon grown for market by gardeners in this vicinity. It attains a large size, is round in shape, flattened at the ends, is of most delicious flavor, and wonderfully productive. It somewhat resembles the Green Citron, on which, however, it is a decided improvement.

10c. per pkt., 20c. per oz., 60c. per $\frac{1}{4}$ lb.

MUSK MELON, Surprise.

This new sort is described as having a thin, cream-colored skin, and thick, salmon-colored flesh; is an early variety, exceedingly productive, and of delicious flavor.

15c. per pkt., 50c. per oz.

PEA, Laxton's Marvel.

A very prolific bearer, attaining a height of three feet, producing white, wrinkled peas in handsome curved pods. It is a main crop variety, and of unequalled flavor, and is said to be the best Pea (as it is the most recent) ever introduced by Mr. Laxton.

60c. per pint., \$1.00 per quart.

AMERICAN WONDER PEA.

PEA, American Wonder.

One of the earliest wrinkled Peas in cultivation, exceedingly productive, and of very dwarf and compact growth, growing only from 10 to 18 inches high. Its quality is of the very best, and we are sure it will prove a real acquisition.

40 cents per pint, 75 cents per quart.

NEW POTATO, North River Beauty.

A new seedling, of which the entire stock has been sent us by E. L. Coy, of Washington Co., N. Y., with whom also originated the Beauty of Hebron, one of the most valuable Potatoes of recent introduction. Mr. Coy describes North River Beauty as being "a seedling of Compton's Surprise; it is very white and almost as smooth as if turned out in a lathe; they cook quickly, are dry and of excellent flavor; they are of medium earliness, ripening with the Snowflake. They grow compact in the hill, and are thus easily dug. In yield they are fully up to the average; on one piece of ordinary soil, with ordinary culture I grew 130 bushels from 2 barrels."

35 cents per lb., by mail; \$1.25 per peck, \$4.00 per bushel, \$12.00 per barrel.

SPINACH, Savoy-Leaved.

A most valuable variety of Spinach, and one that is comparatively new, and which produces nearly twice the weight of crop as the ordinary sorts, and which has another most important value in the fact, that it is the hardiest of all varieties of Spinach, as we have proved, to our entire satisfaction, by a comparative test in our grounds for the past two winters. In appearance the leaf is wrinkled in the same way peculiar to the Savoy Cabbage, hence the name. There is little doubt but what it will eventually be grown to the exclusion of all other sorts, and as evidence of the increased demand for it, we would state that in 1879, we sold ten times the quantity of seed over that of 1878, which was the first year we offered it.

10 cents per oz., 20 cents per $\frac{1}{4}$ lb., 75 cents per lb.

NEW POTATO, St. Patrick.

This variety originated with Henry S. Goodale, of Sky Farm, Mass., who last year sold us his entire stock, and it was then for the first time offered; and, notwithstanding the past unfavorable dry season, the St. Patrick has given great general satisfaction wherever tried. It is a descendant of the Garnet Chili and Early Rose, and is the best result of Mr. Goodale's careful experiments for the past twelve years in the raising of new varieties. In appearance the St. Patrick is undoubtedly one of the handsomest Potatoes ever grown; it has a smooth white skin, and white flesh, few and shallow eyes; in shape it is rather oblong than round; and has no core or hollow; it is also a strong and hardy grower, and, from all accounts, has withstood the rot so prevalent last season better than any other sort. It produces but few small tubers, ripens medium early, and, finally, it is enormously productive and of fine quality. For testimony on these two most important points we would refer to the letters below:

HILLSDALE, N. Y., Nov. 4, 1879.

The four lbs. St. Patrick Potatoes you sent me last spring were cut to single eye, and planted 1st of May in drills and without manure. We had no rain for nearly a month, and not over half the pieces sprouted. We dug middle of September 2 bushels of Potatoes, nearly all of them large, and all with smooth skins. The quality I consider first-rate, cooking, both baked and boiled, dryer than the Snowflake and without a heart. They showed no signs of decay, which in this season is somewhat remarkable.

H. G. WESTLAKE.

NEW ORLEANS, LA., June 6, 1879.

Apropos of the St. Patrick Potatoes you sent me came into my store yesterday and told me that from 3 Potatoes he had made as many buckets (they measure here new Potatoes by the bucket, and about 100 will fill one). This seems to me to be a good crop, and it may as well be called the "Hundredfold St. Patrick."

REINHARDT MAITRE.

WILKES-BARRE, PA., Oct. 16, 1879.

I purchased of you 1 lb. of St. Patrick Potatoes and planted them in rather heavy soil, and gave no extra attention. They were dug three weeks since, and the result was just 40 lbs. of well-matured, fine-looking, good-sized Potatoes. Their cooking qualities was entirely satisfactory, and I shall plant them another season.

E. J. ALEXANDER.

ROCKCLIFF, COL., Oct. 12, 1879.

The four small St. Patrick Potatoes I planted whole, as they had sprouted considerably by the time they reached me. The yield was exactly 20 lbs. of as nice-looking Potatoes as I ever saw, no small ones, smooth, thin-skinned and shallow-eyed. As to quality I cannot speak, as I will not spare one to try, but am keeping them all for seed next year.

A. S. MONK.

BRISTOL, R. I., Oct. 8, 1879.

From the 2 lbs. of seed bought we raised exactly 2 bushels of fine "St. Patrick Potatoes." They were unusually even in size and shape, and many were very large. I tested their quality once and found them exceedingly fine.

H. M. HOWE.

BELLFORT, L. I., Sep. 23, 1879.

Respecting the St. Patrick Potato I can say that the vines were large-leaved and very vigorous; the tubers smooth, large and uniform in size; the yield was very large; in earliness they were about on a par with Snowflake. I am a little in doubt whether the quality will prove strictly first-rate, mine being deficient in mealiness; but as I have known the Snowflake and some other late Potatoes to show the same defect when first dug, developing the full quality afterwards, it is very likely that the St. Patrick will do likewise. It may be said, also, that it had with me garden culture in a very rich soil, which I do not think favorable to quality.

GEO. T. LYMAN.

LOWELL, MASS., Oct. 1, 1879.

The five pounds of St. Patrick Potatoes were cut to an average of two eyes in each piece, and planted in hills 3x3½ feet,

Price of St. Patrick Potatoes, 50 cents per lb., by Mail, or by express or freight, \$2.50 per peck, \$8 per bushel, \$20 per bbl.

with an ordinary amount of manure. The product weighed 371 lbs., of which less than 3 lbs. were too small for table use. The appearance of the Potato speaks for itself, and I can also testify to the excellence of their eating qualities.

THOS. P. SHAW, M. D.

UNY GA., ATHENS, GA., Oct. 1, 1879.

The St. Patrick Potatoes you sold me last spring I planted on 17th March (St. Patrick's day). The season at this place, owing to a protracted drouth of unusual severity and duration, was very unfavorable; nevertheless, the pound of seed, when dug on 6th August, yielded 3 pecks of large, fine Potatoes, very dry and mealy.

WM. M. BROWNE, Prof. of Agriculture.

CHARLTON CITY, MASS., Sep. 29, 1879.

From 5 lbs. of seed of the St. Patrick I had a yield of 142 lbs. good, sound Potatoes. They were planted in the same lot with Early Rose and Early Ohio, both of which sorts rotted badly, but among the St. Patricks I only found one unsound tuber.

H. H. DINES.

DIMOCK, PA., Oct. 6, 1879.

Peter Henderson & Co.—Gentlemen: Have received your second letter inquiring about the "St. Patrick" Potato. I can only reiterate what I wrote you before; that there is no mistake whatever in regard to the number of pounds (266). I will repeat that statement and make oath to it to convince you: I received from you by mail last spring 1 lb. of the "St. Patrick" Potato (3 potatoes in number), cut to one eye in a piece, and planted, the 10th of May, sixteen inches apart, in drills 3 feet apart; used small quantity of ashes and plaster in hill; every eye grew; hoed twice only, kept the bugs picked off, and gave no other care. Dug, Sept. 15th, two hundred and sixty-six pounds (266) of very nice potatoes. Have cooked of them once; they cook dry and in good time, and are very good flavored. I pronounce them a No. 1 Potato.

R. O. BUNNELL.

Dimock, Susquehanna Co., Pa.

Subscribed and sworn to before me Oct 6th, 1879.

T. B. WILLIAMS, J. Peace.

AMBOY, IND., Oct. 13, 1879.

The 1 lb. of St. Patrick Potatoes which I bought of you last spring yielded 60 lbs. This is a very large product, considering what a dry season we have had. I raised this summer eight varieties of Potatoes, and in quality the St. Patrick leads them all.

E. SCHROCK.

LACEYSVILLE, O., Sept. 30, '79.

I bought five lbs. of the St. Patrick Potato, and planted them on the same day with Genesee Co. King, Snowflake, and Early Vermont, on the same piece of ground and under precisely the same circumstances as to manuring, soil, depth of planting, &c. From the 5 lbs. I harvested just five bushels, treble the yield of either of the others. The quality is first-class. I am delighted with the St. Patrick, and shall cling to it.

H. B. LACEY.

CABBAGE, Netted Savoy.

An improved selection of the Savoy Cabbage, crimped and netted to an unusual degree, making a compact and solid head. It should be generally known that the Savoy varieties are the finest flavored of all the cabbage tribe.

25c. per pkt., \$1.50 per oz.

RADISH, Early Round Dark Red.

Another season's experience with this variety fully sustains our statement that it is the earliest and best Turnip Radish in cultivation; and, although we do not claim that it is an entirely new variety, yet it is such a decided improvement over our best stocks of Scarlet Turnip Radish, as to almost merit a distinctive name. Grown side by side with other stocks, its characteristics were so marked, that it was easily picked out from the others. Its shape is of the best type of the round sorts, color of skin a very dark red, white flesh, with very small tap-root. It makes very small tops and it will, on this account, be particularly valuable for forcing in frames or greenhouses, for which we specially recommend it. It is as well adapted, however, for summer use in the open ground, as any of the other strictly summer sorts. Growers for the New York Market, to whom we sold seed last year, received for it a price fully one-third higher than the ordinary Scarlet Turnip Radish was bringing at the same time; so distinct and handsome was its appearance. 5 cents per pkt., 15 cents per oz., 35 cents per $\frac{1}{4}$ lb., \$1.25 per lb.

RADISH, White-Tipped Scar. Tur.

A very beautiful variety, early, and of medium size and excellent flavor; and now largely grown as a market sort in many places. Our illustration of it on our colored plate for 1879 is a very true one.

10 cents per pkt., 15 cents per oz., 50 cents per $\frac{1}{4}$ lb., \$1.50 per lb.

SQUASH—Cocoanut.

This is said to be an unsurpassed variety for table use, being very prolific, producing from six to twelve on a vine, while the quality is very fine, the flesh being fine-grained and solid. Not only is it a valuable addition to our list of Squashes, on account of its edible qualities, but it is such a handsome little variety as to be equally as desirable as any of the Gourd family as mantel ornaments. The outer color is a light creamy yellow, the bottom for a diameter of about three inches being of a rich green hue.

10 cents per packet, 30 cents per ounce.

NEW TOMATO—Island Beauty.

A new variety, originating with J. A. Reed, Huntington, L. I. The fruit is very large, of medium earliness, resembling the Trophy in appearance; and is produced in clusters of from ten to twenty fine-formed fruits in one bunch. Color a deep crimson, is a very prolific bearer, and the quality of the very best.

20c. per pkt., 60c. per oz., \$2.00 per $\frac{1}{4}$ lb.

TOMATOES, (for Canning Purposes.)

The best six varieties of Tomatoes used for canning are the **Acme**, **Arlington**, **Gen. Grant**, **Hathaway's, Excelsior**, **Paragon**, and the **Queen**. We annex short descriptions of each with the prices:

Acme. Fruit of medium size, perfectly smooth and regular in shape, very solid, and a great bearer. Color quite distinct, being a dark red with purplish tinge.

10c. per pkt., 40c. per oz., \$1.25 per $\frac{1}{4}$ lb., \$4.00 per lb.

Arlington. Large fruit, perfect in form, very prolific, and of fine flavor.

10c. per pkt., 30c. per oz., \$1.00 per $\frac{1}{4}$ lb., \$3.00 per lb.

Gen. Grant. Large crimson fruit, of good quality; ripens rapidly and thoroughly.

10c. per pkt., 30c. per oz., \$1.00 per $\frac{1}{4}$ lb., \$3.00 per lb.

Hathaway's Excelsior. An early variety, of medium size, smooth, solid, and of excellent quality.

10c. per pkt., 30c. per oz., \$1.00 per $\frac{1}{4}$ lb., \$3.00 per lb.

Paragon. Almost identical with **Acme**, except that its color is a bright, glossy crimson, entirely free of the purple tinge characteristic of the **Acme**.

10c. per pkt., 40c. per oz., \$1.25 per $\frac{1}{4}$ lb., \$4.00 per lb.

Queen. A new variety, that has been specially recommended to us for canning, and which is grown around Baltimore for this purpose—fruit somewhat resembles the Trophy in appearance.

10c. per pkt., 40c. per oz., \$1.25 per $\frac{1}{4}$ lb., \$4.00 per lb.

TOMATO—Acme. (See Cut.)

Although of comparatively recent origin, this variety has now become an established sort, and altogether we consider it the best Tomato we have known since the advent of the Trophy. It is one of the earliest and handsomest varieties in cultivation, with fruit of medium size, perfectly smooth and regular in shape, very solid, and exceedingly prolific. In color it is quite distinct, being a dark red with purplish tinge. The seed we offer has been carefully selected from the best-formed fruits.

10c. per pkt., 40c. per oz., \$1.25 per $\frac{1}{4}$ lb., \$4.00 per lb.

TURNIP, New White Egg.

An entirely distinct and new variety, that we first saw in the fall of 1877. It belongs to the class of quick-growing Fall Turnips, and for this purpose should be sown in this latitude, between August 10th and 25th. Its shape is nearly oval or egg, as its name would indicate, flesh very firm and fine-grained, thin and perfectly smooth skin, and both flesh and skin are of snowy whiteness. Its flavor is of the very best, mild and sweet, making it particularly desirable for table use, while its attractive appearance is certain to make it one of the most salable Turnips that can be grown for market.

10 cents per packet, 20 cents per ounce, 60 cents per $\frac{1}{4}$ lb., \$2.00 per lb.

BEAN, Crystal White Wax.

A beautiful and distinct variety of Bush Bean, offered for the first time last season. It produces pods of fair size, of exceedingly rich and tender flavor; in color waxy white, and almost as transparent as glass. It is a stringless variety, very productive, and the pods, though quick to develop, are slow to harden, and thus retain their tenderness on the bush for a long time.

40c. per pint, 75c. per quart.

The Use of the Feet in Seed Sowing.

The following article by our Mr. Peter Henderson originally appeared in the *American Agriculturist*, some three years ago, and the great value of its practical suggestions has since been freely acknowledged by hundreds of experienced cultivators. This was particularly the case at the meeting of the Nurserymen's, Florists' and Seedsmen's National Association, held at Cleveland, O., in June of last year, when Mr. Henderson again discussed the subject in more extended detail.

"For some years past I have, in writing on gardening matters, insisted upon the great importance of 'firming' the soil over the seeds after sowing, especially at seasons when the soil is dry, or likely to become so. I know of no operation of more importance in either the farm or the garden, and I trust that what I am about to say will be read and remembered by every one not yet aware of the vast importance of the practice. I say 'vast importance,' for the loss to the agricultural and horticultural community from the practice of loosely sowing seeds in hot and dry soils is of a magnitude which few will believe until they have witnessed it; and it is a loss all the more to be regretted, when we know that by 'firming' the soil around the seed there is in most cases a certain preventive. Some two years ago I related how our crop of nearly two acres of celery plants was partially lost by neglecting to tread in the seeds, the dry, heated air of May shriveling them and destroying their vitality. Profiting by that lesson I last season sowed two acres of celery seed (in quantity about 20 lbs.), the rows being about nine inches apart—the marker 'deepening the line some two or three inches. After the man who sowed the seed there followed another, who, with the ball of the right foot, pressed down with his full weight every inch of the soil over the seed. The ground was then lightly touched with a rake to level it, a light roller was then passed over it, and the operation was completed. Our crop of plants, notwithstanding the intense heat and drouth of the past summer, was as fine as it well could be, every seed seeming to have germinated. Besides, this 'firming' of the soil had also prevented the dry, hot air from penetrating to the roots, so that, though we nearly averaged 90° during the month of July, hardly a plant was burned off. Now, from the same bag of celery seed that produced these plants, we sold seed to some hundreds of our customers, and we have already had scores of letters asking why their celery seed did not come up; not a few of them insinuating that the seed they had obtained was not good. To all such we, by letter, stated emphatically the cause of failure, and I trust that all whose seeds of celery or anything else fail to germinate, will first fairly investigate whether or not the fault has not been with themselves, rather than with the seed. Some years ago, as an experiment, I sowed seeds of beets, turnips, corn and spinach, in July, treading in every alternate row. The beets and corn matured their crops in every instance where the seed had been trodden in, and failed to do so where this had not been done. In the case of the spinach and turnip seeds, the rows trod in germin-

ated freely and at once, while the rows of those that had been left loose nearly failed entirely. The experiment was made with a view to show that beets of all kinds sown as late as the first of July, when the seeds germinate at once, have yet time to produce a crop, and sweet corn has time enough to produce its ears sufficiently mature for use in the green state, and, furthermore, to prove what I had long believed, that thousands upon thousands of acres of turnips fail from the want of 'firming' the soil when the seed is sown. Of course, if large areas are sown in turnips, the treading in with the foot might not be practicable, the next best thing is the roller, but that must be heavy enough to effect the purpose. As I have before hinted in the case of celery plants, the looseness of the soil not only prevents rapid germination, but even if germination does take place, and a long period of hot and dry weather follow, the young plant itself may be burned out, if the soil is loose, so that the dry, heated air can penetrate to the weak and tender root. This burning out after the seed has germinated is sweeping in its effects on all seeds that are sown after midsummer, such as spinach, beets, turnips, etc., if the weather is dry and the soil loose. I beg to caution my inexperienced readers, however, by no means to tread or roll in seed if the ground is *not dry*. The soil may often be in a suitable condition to sow, and yet be too damp to be trodden upon or rolled. In such cases these operations may not be necessary at all, for if rainy weather ensue, the seeds will germinate of course, but if there is any likelihood of continued drouth, the treading or rolling may be done a week or more after the seed has been sown, if there is any reason to believe that it may suffer from the dry, hot air. Another very important advantage gained by treading in the seeds is, that when we have crops of beets, celery, turnips, spinach or anything else that is sown in rows, the seeds to form the crop come up at once; while the seeds of the weeds, that are just as liable to perish by the heat as are those of the crop, are retarded. Such of the weed seeds as lie in the space between the rows when the soil is loose, will not germinate as quickly as those of the crop sown; and hence we can cultivate between the rows before the weeds germinate at all. Such was our experience the past season in the two acres of celery plants alluded to, as the rows of the celery were clearly defied before the weeds had germinated at all, so that the hoe was applied at once, rendering the cost of culture less than half what it would have been had the seeds of the celery and those of the weeds started simultaneously."

WHEN TO SOW VEGETABLE SEEDS.

Vegetable seeds that may be sown in this latitude, from the middle of March to the end of April, thermometer in the shade averaging 45 degrees.

Beets,	Lettuce,
Carrot,	Parsley,
Cress,	Parsnip,
Celery,	Onions,
Cabbage,	Peas,
Cauliflower,	Radish,
Endive,	Turnip,
Kale,	Spinach.

Vegetable seeds that may be sown in the open ground in this latitude, from the middle of May to the middle of June, thermometer in the shade averaging 60 degrees.

Lima Beans,	Water Melon,
Bush Beans,	Okra,
Pole Beans,	Pumpkin,
Sweet Corn,	Tomato,
Cucumber,	Squash,
Musk Melon,	Nasturtium.

VEGETABLE SEEDS.

Except in rare cases, all orders are forwarded the day after they are received by us. The importance of being enabled to do this, particularly with Vegetable Seeds, where it is so often imperative that there be no delay, can hardly be over-estimated.

VEGETABLE CULTURE.

Our space will not permit us to give extended cultural instructions under each class of Vegetable Seeds, but for full details of culture we would refer our customers, if raising for Market, to our book, "Gardening for Profit," as being best adapted to their wants; if for amateurs, raising only for private use, the instructions laid down in "Gardening for Pleasure" will be found sufficiently comprehensive. Either of these books we send, post-paid, by mail, for \$1.50 each, or we send them as premiums on orders of \$10 and upwards, for conditions of which offer please see first page of Catalogue.

General List OF VEGETABLE SEEDS.

Varieties in *heavy type* are such as we have found to be best adapted for general cultivation, and inexperienced cultivators in doubt which sorts to select, cannot go far wrong in selecting sorts so marked.

ARTICHOKE.

German, *Artichoke*.—French, *Artichaut*.—Spanish, *Alcachofa*.

Sow in April, in rich soil, and transplant the following spring to permanent beds, in rows (or hills) three feet apart, and two feet between the plants. The plantation the first season will only give a partial crop, but as it is a perennial, after being once planted, the beds will remain in bearing for years. It should be protected in winter by a covering of leaves or coarse manure.

Large Globe, best for general culture. Pkt., 10c.; oz., 40c.
Jerusalem Artichokes. Strong tubers, qt., 25c.; pk., \$1.50; bush., \$5.00. A 3-lb. package by mail for \$1.00.

ASPARAGUS.

German, *Spargel*.—French, *Asperge*.—Spanish, *Esparragos*.

Sow early in spring, as soon as the ground will admit of working, in rows, a foot apart. Keep carefully hoed, and clear from weeds, and the plants will be in condition to set out the succeeding spring. The soil for the permanent beds should be thoroughly manured, and trenched to a depth of at least two feet. Plant in rows, three feet apart, and one foot between the plants in the rows; spread the roots well out, and let the crown of the plant be covered about six or eight inches when established. Previous to sowing the seeds soak in tepid water for twenty-four hours.

For further information regarding culture of Asparagus, see "Gardening for Profit."

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

Colossal. The best variety, unrivaled in size, productiveness and quality. Pkt., 3c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

ASPARAGUS ROOTS.

Colossal. Two-year old roots, by express, per 100, \$1.25; per 1,000, \$10.00; per 5,000, \$40.00.

Colossal. One-year old roots, by express, per 100, \$1.00; per 1,000, \$7.50; per 5,000, \$30.00.

BEANS. English or Broad.

German, *Gartenbohne*.—French, *Fève de Marais*.—Spanish, *Haba*.

This class is very hardy, and should be planted as soon as the soil is in good state in spring. Plant four inches apart and two inches deep, in drills four feet apart. To insure well-filled pods, pinch off the tops as soon as the lower pods begin to set.

Add 25c. per quart extra if to be sent by mail.

Early Mazagan. Very early and hardy, and bears freely. Pt., 20c.; qt., 40c.

BROAD WINDSOR. Best for general use. Pt., 25c.; qt., 50c.
Sword Long-Pod. An excellent variety. Pt., 20c.; qt., 40c.

BEANS. Dwarf or Bush.

German, *Bohne*.—French, *Haricot*.—Spanish, *Frijolesano*.

A succession of sowings can be made from the first week in May until September. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart.

Add 25c. per quart extra if to be sent by mail. Pints furnished at quart rates.

Early Feejee. The earliest variety; very prolific. Qt., 30c.; peck, \$2.00; bush., \$7.50.

EARLY RED VALENTINE. Early, productive, tender, succulent and of excellent flavor; continues longer in the green state than most of the varieties. Qt., 30c.; peck, \$2.00; bush., \$7.50.

WHITE VALENTINE. The habit of growth of this variety is very similar to the well-known Red Valentine. It is

Large Globe Artichoke
Page 35.

Colossal Asparagus.
Page 35.

Blood Turnip Beet.
Page 37.

Egyptian Beet.
Page 37.

Bassano Beet.
Page 37.

Swiss Chard.
Page 37.

White Sugar Beet.
Page 37.

Brussels Sprouts.
Page 39.

BEANS, Dwarf or Bush, (Continued.)

a very prolific bearer, and the fact of the bean itself being white, gives it additional value, as it enables it to be used as a shell bean. Qt., 30c.; peck, \$1.75; bush., \$6.00.

Early China. Rather earlier than the Valentine, but not quite so productive; of good quality. Qt., 25c.; peck, \$1.50; bush., \$5.00.

EARLY MOHAWK. An excellent early variety; very productive and of good quality. Qt., 30c.; peck, \$2.00; bush., \$7.50.

LONG YELLOW SIX-WEEKS. Early and prolific; an excellent variety for general crop. Qt., 30c.; peck, \$2.00; bush., \$7.50.

Early Rachel. One of the earliest; very productive. Qt., 30c.; peck, \$2.00; bush., \$7.

BLACK WAX, OR BUTTER. The pods, when ripe, are of a waxy yellow, transparent, very tender and delicious; an excellent variety. Qt., 40c.; peck, \$2.50; bush., \$9.00.

White Seeded Wax. A variety with wax-like pods very similar to the Black Seeded Wax, except in color of seed. Qt., 40c.; peck, \$2.50; bush., \$8.00.

CRYSTAL WHITE WAX. (See *Special Description*, page 33.) Qt., 75c.

GOLDEN WAX. (See *Special Description*, page 29.) Qt., 50c.; peck, \$3.00.

Newington Wonder. A wonderfully productive sort, pods very crisp and tender; a valuable variety for forcing. Qt., 30c.; peck, \$1.75; bush., \$6.00.

REFUGEE, OR THOUSAND TO ONE. Very productive, though not early; young pods extremely tender, and of fine flavor; extensively grown as a main crop. Qt., 30c.; peck, \$2.00; bush., \$7.50.

TURTLE SOUP. A fine variety, the young pods of which are very tender and of good flavor. The ripe seeds are used in the preparation of Turtle Soup. Qt., 30c.; peck, \$2.00; bush., \$7.50.

Dwarf Horticultural. A bush variety of the well-known Horticultural Pole Bean. Qt., 30c.; peck, \$1.75; bush., \$6.00.

Large White Kidney. Excellent as a shell bean, green or ripe. Qt., 25c.; peck, \$1.50; bush., \$5.00.

White Marrowfat. Extensively grown for sale in the dry state; of average quality as a string bean, but excellent shelled, either green or dry. Qt., 25c.; peck, \$1.50; bush., \$5.00.

Red Kidney, or Chilian. Largely used for field culture. Qt., 25c.; peck, \$1.75; bush., \$6.00.

BEANS, Pole or Running.

German, *Stangen-Bohne*.—French, *Haricots à Rames*.—Spanish, *Judias*.

These are more tender and require rather more care in culture than the Bush Beans and should be sown two weeks later than these; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

Add 25c. per quart extra if to be sent by mail. Pints furnished at quart rates.

LARGE WHITE LIMA. This is esteemed the best of all the Pole Beans, and is almost universally grown, both for market and private use. Qt., 60c.; peck, \$4.00; bush., \$14.00.

Small Lima or Sieva. Is earlier and more hardy than the preceding; seed small, white and flat-shaped. Qt., 60c.; peck, \$4.00; bush., \$14.00.

DREER'S IMPROVED LIMA. The distinctive features of this variety are early maturity, large yield, and extra quality of Bean. It is also claimed that it produces more shelled Beans to the pole than the large Lima. Qt., 75c.; peck, \$5.00.

Speckled Lima. This variety is said to be an immense bearer. The Bean itself is much larger than the Large White Lima, and is marked or speckled in the same manner as the Early China. Qt., \$1.00.

Dutch Case-Knife. A very productive variety, and one of the earliest; sometimes used as "snaps," but generally shelled. Qt., 40c.; peck, \$2.50; bush., \$8.00.

Horticultural, or Speckled Cranberry. A popular variety for private use; equally serviceable in the green state or when shelled. Qt., 40c.; peck, \$2.50; bush., \$8.00.

Scarlet Runner. A great favorite in European gardens, both as an ornamental plant, and useful vegetable. It grows to the height of ten feet, producing dazzling scarlet flowers. Qt., 50c.; peck, \$3.50; bush., \$12.00.

White Dutch Runner. Similar to the preceding excepting in color of seeds and flower, which are white. Qt., 40c.; peck, \$2.50; bush., \$8.00.

GIANT WAX. Pods long, clear waxy yellow; thick and fleshy; very productive; when cooked, tender and delicious. Qt., 60c.; peck, \$1.50; bush., \$16.00.

German Wax Pole. One of the best varieties, either for snaps or shelled in the green state. Qt., 50c.; peck, \$3.00; bush., \$10.00.

BEEF.

German, *Runkel Rube*.—French, *Betterave*.—Spanish, *Betteraga*.

The soil which is best suited for the culture of the beet is that which is rather light than otherwise, always provided that it is thoroughly enriched by manure. For an early supply sow in spring, as soon as the ground becomes fit to work, in drills about one foot apart, and two inches deep. For main crop, sow the first week in May, and for winter use sow in June. When the plants have attained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand-weeding and hoeing. In October the roots may be taken up and stored, care being taken that they are not bruised or injured in the process.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 15c. per lb.

EGYPTIAN TURNIP. The earliest Beet in cultivation; color deep crimson. Of excellent quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

BASTIAN'S BLOOD TURNIP. After the Egyptian Turnip probably the earliest variety of Beet. Is of blood-red color when boiled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

DEWING'S IMPROVED BLOOD TURNIP. Roots deep blood-red, of fine form and flavor. Very early. An excellent market variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

EARLY BLOOD TURNIP. The standard early sort; an excellent variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Early Flat Bassano. Chiefly valuable for its earliness. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

Long Smooth Blood-Red. An excellent late variety; a great improvement on the common Long Blood. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.

Early Yellow Turnip. Similar to the Blood Turnip, but differing in color; flesh yellow, tender and sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

PINEAPPLE. A highly esteemed English variety, of rich, deep crimson color. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Brazilian Variegated. Beautiful for garnishing and flower garden decoration, the stems and veins being richly colored with crimson, yellow and white. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.00.

Swiss Chard, Silver or Sea-Kale Beet. This variety is cultivated solely for its leaves. The mid-rib is stewed and served as Asparagus, the other portions of the leaf being used as Spinach. If often cut, new and more tender leaves will be reproduced. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

The following varieties are grown for Feeding Stock. Sown in April and May. Six to eight pounds per acre. Peter Henderson's special circular on the cultivation of "Root Crops for Farm Stock," sent free on application to those who may apply.

NORBITON GIANT LONG RED MANGEL WURZEL. This is the finest stock of Long Red Mangel in cultivation. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

MAMMOTH LONG RED MANGEL WURZEL. A particularly fine stock of Mangel. The roots attain an enormous size, smooth and regular in shape. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Long Red Mangel Wurzel. This variety is more generally grown for agricultural purposes than any other, producing roots of large size and excellent quality. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

YELLOW OVOID. (See *Cut*.) In shape this sort is intermediate between the Long and Globe varieties. A very nutritious and valuable variety. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

RED OVOID. The same in all respects as the preceding, except as to color. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

LONG YELLOW WURZEL. Differs from the Long Red only in color. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

KINVER YELLOW GLOBE. This Kinver Globe is undoubtedly the best stock of Yellow Globe Mangel in cultivation. See further reference to it in our circular on "Root Crops." Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

CHAMPION YELLOW GLOBE. Smooth, globe-shaped roots, of large size and of excellent quality are the distinctive features of this variety. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Yellow Globe Mangel Wurzel. Roots of large size and globular form; very productive, keeps better than the Long Red, and is better adapted for growing in shallow soil. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Red Globe Mangel Wurzel. Is identical with the Yellow Globe except in color. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

White Sugar Beet. Attains a large size, and is extensively grown for feeding; largely cultivated in France for the manufacture of sugar. Oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

VILMORIN'S IMPROVED WHITE SUGAR BEET. A greatly improved variety of the preceding. Oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Kinver Yellow Globe Mangel.
Page 37.

Norbiton Giant Mangel Wurzel.
Page 37.

Lane's Imperial Sugar Beet.
Page 39.

Yellow Ovoid Mangel.
Page 37.

Long Smooth Blood Beet.
Page 37.

Yellow Globe Mangel.
Page 37.

BEET, (Continued.)

LANE'S IMPERIAL SUGAR BEET. An improved variety of the French Sugar Beet, obtained by careful selection in this country, and recommended as being hardier, more productive, and containing a greater percentage of sugar than the ordinary variety. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

BROCCOLI.

German, *Brocoli*, *Spargel-Kohl*.—French, *Chou Brocoli*.—Spanish, *Brocoli*.

Nearly allied to the Cauliflower, but more hardy; the seed should be sown in this district in the early part of May, and transplanted in June; farther South the sowing should be delayed until June or July, and the transplanting accordingly, from August to October. In parts of the country where the thermometer does not fall below 20 or 25 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

WHITE CAPE. Heads medium size, close, compact, and of a creamy white color; one of the most certain to head. Pkt., 10c.; oz., 65c.; $\frac{1}{4}$ lb., \$2.25.

PURPLE CAPE. Differs only in color. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

Walcheren. A valuable variety, with very large, firm heads. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

BRUSSELS SPROUTS.

German, *Kopfkohl Grüner*.—French, *Chou de Bruzelles*.

This is one of the best vegetables for winter use, producing from the axils of the leaves an abundance of Sprouts, resembling small cabbages, of excellent mild flavor. It has never come into general use in this country, probably owing to its being too tender to stand the winters of the Northern States; still, by sowing in April or May, and planting out in July, it may be had in fine condition until December; and in the Southern States may be had in use from November to March.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

TALL FRENCH. Very fine. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

— **Dwarf Improved.** A variety producing compact sprouts of excellent quality. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

CABBAGE.

German, *Kopfkohl*.—French, *Chou Pomme*.—Spanish, *Repollo*.

The early varieties of Cabbage are cultivated more extensively than any other vegetable. In latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October, and planted out on the first opening of spring; but in our Northern States they must either be sown in hot-beds in February, or, what is still better, wintered over in cold frames; for this purpose the seed is sown from the 10th to the 20th of September. Attention to date is important; if too soon the plants might run to seed, and if too late they would be too small. In four or five weeks from the time of sowing they will be fit to transplant into the cold frames. In planting it is very important with cabbage or cauliflower that the plant is set down to the first leaf, so that the stem is all under ground, for, if exposed, it will be split by the action of the frost, and will be injured in consequence. The plants are usually set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. The late varieties are usually sown in the early part of May, and the plants are set out in July, at distances of three feet between the rows, and two feet between the plants.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

EARLY JERSEY WAKEFIELD. Extensively grown in all parts of the country, as the best and most profitable early variety in cultivation. *An extra fine stock.* Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.00.

HENDERSON'S EARLY SUMMER. (*See Special Description, page 30.*) Pkt., 15c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.50.

EARLY WINNINGSTADT. An excellent sort; heads of large size; one of the best for general use. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

EARLY FLAT DUTCH. (Truc.) A valuable early variety; largely grown in the vicinity of New York. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Early Wyman. A valuable early market variety; heads of large size and fine quality. Pkt., 15c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00; lb., \$7.00.

EARLY YORK. A well-known favorite variety. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Large Early York. Larger and later than the preceding. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

EARLY FRENCH OX HEART. A favorite market variety. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$3.00.

Large Early Schweinfurt. A large early variety; fine for summer and fall use. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

ST. JOHN'S DAY DRUMHEAD. A very distinct early variety, very dwarf, with medium-sized close, hard heads, about as early as the Winningstad. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

LARGE LATE DRUMHEAD. Grows to a large size, with round, compact heads. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

LARGE BERGEN DRUMHEAD. One of the latest; heads of large size and fine quality. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

PREMIUM FLAT DUTCH. (Extra selected stock.) This is a very fine strain of this standard variety. Pkt. 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Premium Flat Dutch. The most extensively grown of all varieties for fall and winter use. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Stone Mason. An improved variety of the Mason Drumhead, of sweet and tender quality. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

MARBLEHEAD MAMMOTH DRUMHEAD. This is a late variety, and the largest of all cabbages; heads have been grown weighing sixty pounds. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

FOTTLER'S IMPROVED BRUNSWICK. An excellent second early and late variety. Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

GREEN GLAZED. A late variety that has been grown for many years in the Southern States, and considered very valuable because of the immunity it enjoys from all insect attacks. It forms heads of good size and quality, and of glossy pea-green color. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Silver-Leaf Drumhead. It is a late cropper, and is considered one of the best shipping and market kinds. It forms a very solid head, and is an excellent keeper. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Red Dutch. Used almost exclusively for pickling. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

EARLY BLOOD-RED ERFURT. Earlier than the preceding; valuable for pickling. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

DRUMHEAD SAVOY. (*American.*) The largest heading sort; of excellent flavor. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Green Globe Savoy. Smaller than the above, of good quality. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Early Dwarf Elm Savoy. A very early and superior dwarf variety, of fine flavor. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

NETTED SAVOY. (*See Special Description, page 33.*) Pkt., 25c.; oz., \$1.50.

CARDON.

German, *Kardon*.—French, *Cardon*.—Spanish, *Cardo Hortense*.

Cardoon is grown for the mid-rib of the leaf, which requires to be blanched in the same manner as celery. Sow early in spring, where the plants are to remain, in drills three feet apart, an inch and a half deep, and thin out the young plants to a foot apart in the drills.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 10c. per lb.

Large Spanish. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

CARROT.

German, *Möhre*.—French, *Carotte*.—Spanish, *Zanahoria*.

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. For early crops sow in spring, as soon as the ground is in good working order; for later crops they may be sown any time until the middle of June. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 10c. per lb.

Early French Forcing. The earliest variety; valuable for forcing; root small and of fine flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.50.

Early Scarlet Horn. An old and favorite sort, much esteemed for early summer use. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$1.75.

HALF LONG RED, (STUMP ROOTED). A variety intermediate in size and period of maturity between the preceding and Long Orange. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Jersey Wakefield Cabbage.
Page 39.

Large Early York Cabbage.
Page 39.

Early Winningstadt Cabbage.
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Early Flat Dutch Cabbage.
Page 39.

Henderson's Early Summer Cabbage.
Page 30.

Early Ulm Savoy Cabbage.
Page 39.

CARROT, (Continued.)

- Early Half Long Scarlet, (Pointed Rooted.)** Very similar to the preceding in all respects, except that it is pointed instead of stump rooted. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.
- LONG ORANGE IMPROVED.** Roots of large size; equally adapted for garden or farm culture. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.
- EARLY HALF LONG SCARLET CARENTAN.** (See Special Description, page 29.) Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.
- DANVERS.** (See Special Description, page 29.) Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.
- Altringham.** Large and fine flavored; an excellent sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.
- Large White Belgian.** A very productive kind; grown almost exclusively for stock; grows one-third out of the ground; lower part of the root white, that above ground green. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
- Yellow Belgian.** When young, the roots are mild, delicate and of good flavor; when full grown valuable for stock. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

CAULIFLOWER.

German, *Blumen-Kohl*.—French, *Choufleur*.—Spanish, *Coliflor*.

Any soil that will grow Cabbage will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well repaid.

The seeds may be sown in September and wintered over in the same manner as described for early Cabbage. Where this is not practicable, it may be had nearly as well by sowing the seeds in the hot-bed in January or February, and transplanting the plants at two or three inches apart in boxes or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which, in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off they are seldom injured by planting out too early.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

- HENDERSON'S EARLY SNOWBALL.** (See Special Description, page 30.) Pkt., 50c.; oz., \$1.00.
- EXTRA SELECTED EARLY DWARF ERFURT.** The earliest variety in cultivation. Very dwarf, large, white, compact heads of finest quality. Pkt., 50c.; oz., \$1.00.
- EXTRA EARLY DWARF ERFURT.** A favorite early market variety; large compact heads of fine quality. Pkt., 25c.; oz., \$2.50; $\frac{1}{4}$ lb., \$8.00.
- EXTRA EARLY PARIS.** A well-known excellent variety. Pkt., 25c.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50.
- HALF-EARLY PARIS, OR NONPAREIL.** One of the best. Pkt., 25c.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.
- Early London.** An excellent and very early variety. Pkt., 20c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.50.
- LENORMAND'S SHORT STEMMED.** A large, late variety, with well-formed heads of superior quality. Pkt., 25c.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50.
- Walcheren.** An old and favorite variety. Pkt., 20c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.
- ALGIERS.** An excellent late sort, now getting into general favor. Pkt., 25c.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50.
- Veitch's Autumn Giant.** A valuable late variety. Pkt., 25c.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50.

CELERY.

German, *Seleri*.—French, *Celeri*.—Spanish, *Aplo*.

Our manner of treating the Celery crop of late years is very much simplified. Instead of sowing the seed in a hot-bed or cold-frame, as formerly, it is sown in the open ground as soon as it is fit to work in April, and kept carefully clear of weeds until the time of planting in June and July. The tops are shorn off once or twice before planting, so as to insure "stocky" plants, which suffer less on being transplanted.

After the ground has been nicely prepared, lines are struck out on the level surface, three feet apart, and the plants set six inches apart in rows. If the weather is dry at the time of planting, great care should be taken that the roots are properly "firmed." Our custom is to turn hack on the row and press by the side of each plant gently with the foot. This compacts the soil, and partially excludes the air from the roots until new rootlets are formed, which will usually be in forty-eight hours, after which all danger is over. This practice of pressing the soil closely around the roots is essential in planting of all kinds, and millions of plants are annually destroyed by its omission. After the planting of the Celery is completed, nothing further is to be done for six or seven weeks, except running through between the rows with the cultivator or hoe, and freeing the plants of weeds until they get strong enough to crowd them down. This will bring us to about the middle of

August, by which time we have usually that moist and cold atmosphere essential to the growth of Celery. Then we begin the "earthing up," necessary for blanching and whitening that which is wanted for use during the months of September, October and November. The first operation is that of "handing," as we term it, that is, after all the soil has been drawn up against the plant with the hoe, it is further drawn close around each plant by the hand, firm enough to keep the leaves in an upright position and prevent them from spreading. This being done, more soil is drawn against the row (either by the plow or hoe, as circumstances require), so as to keep the plant in this upright position. The blanching process must, however, be finished by the spade, which is done by digging the soil from between the rows, and banking it up clear to the top on each side of the row of Celery. Three feet is ample distance between the dwarf varieties; but when larger sorts are used, the width of the rows must be at least four and a half or five feet.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

- HENDERSON'S DWARF WHITE.** Our favorite market variety; of close habit, solid, crisp and tender. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.
- Saundringham Dwarf White.** An excellent variety, remarkable for fine flavor and solidity. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.
- Incomparable Dwarf White.** An excellent dwarf variety, very solid and crisp. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$5.50.
- Giant White Solid.** Of large size, solid and crisp. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.
- Seymour's Superb White.** One of the best of the large varieties. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.
- HENDERSON'S HALF DWARF.** A remarkably fine and new white variety, intermediate in size between the Dwarf and Large White. (See Special Description, page 29.) Pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.
- BOSTON MARKET.** A dwarf-growing, white variety of excellent quality. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50; lb., \$4.50.
- GOLDEN DWARF.** (See Special Description, page 29.) Pkt., 20c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.50.
- LONDON RED.** (See Special Description, page 29.) Pkt., 20c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.50.
- HOOD'S DWARF RED.** An excellent dwarf variety, solid, crisp and juicy. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.
- Carter's Dwarf Crimson.** Of compact growth and fine flavor. One of the best of the red sorts. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.
- Soup Celery.** (Old seed.) Excellent for flavoring. Lb., 60c.

CELERY PLANTS.

Full detailed Price List will be found under the head of Vegetable Plants.

CELERIAC, TURNIP-ROOTED CELERY.

French, *Celeri-rave*.—German, *Knot-Seleri*.

A variety of Celery having turnip-shaped roots, which may be cooked and sliced, and used with vinegar, making a most excellent salad. It is more hardy and may be treated in the same manner as Celery.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

CHICORY.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

- Large Rooted.** Used to mix with, or as a substitute for Coffee. Cultivation the same as the Carrot. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

CHERVIL.

German, *Gartenkerbel*.—French, *Cerfeuil*.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

- Chervil, Curled.** An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Tuberous Rooted. Sow in March or April; after treatment same as the Carrot. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

**Half Long Red Stump
Rooted Carrot.**
Page 39.

French Forcing Carrot.
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**Early Scarlet Horn
Carrot.**
Page 39.

**Improved Long
Orange Carrot.**
Page 41.

Henderson's Early Snowball Cauliflower
Page 30.

Tuberous Rooted Chervil.
Page 41.

**White Belgian
Carrot.**
Page 41.

CORN, Sweet.

German, *Welschkorn*.—French, *Maïs*.—Spanish, *Maíz*.

All varieties of Sweet Corn may be either sown in rows four and a half feet apart, and the seeds planted about eight inches in the rows, or planted in hills at distances of three or four feet each way, according to the variety grown, or the richness of the soil in which it is planted. The taller the variety, or the richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May, and continue successive plantings every two or three weeks until the last week in July. In more southerly latitudes planting is begun a month earlier and continued a month later.

Add 25c. per quart extra if to be sent by mail. Pints furnished at quart rates.

Early Narragansett. One of the earliest of the sweet varieties; ears small, tender and of excellent quality. Qt., 20c.; peck, \$1.25.

EARLY MINNESOTA. Very early; a decidedly excellent variety; ears fair sized and uniform; plant rather dwarf. Qt., 25c.; peck, \$1.50.

CROSBY'S EARLY SUGAR. An excellent early variety; ears rather small; a great favorite in the markets of all the large cities. Qt., 20c.; peck, \$1.25.

LARGE EARLY EIGHT-ROWED. One of the best of the sweet varieties; ears long, with white cob. Qt., 20c.; peck, \$1.25.

Early Adams, or Burlington. Strictly speaking, this is an early field variety, although largely sold for table use; we therefore class it among the Sweet Corn. It is grown extensively in this section for the New York Market. Qt., 20c.; peck, \$1.25.

Early Dwarf Sugar. Grows to an average height of two and a half feet; ears small; corn very sweet; one of the earliest. Qt., 20c.; peck, \$1.25.

Darling's Early Sugar. The earliest of all the tall varieties; ears small, well-formed and sweet. Qt., 20c.; peck, \$1.25.

Moore's Early Concord. Ears large and well-filled; early, and unsurpassed for richness and delicacy of flavor. Qt., 20c.; peck, \$1.25.

EGYPTIAN, NEW. (See Special Description, page 31.) Qt., 30c.; peck, \$2.00.

STOWELL'S EVERGREEN. A late variety, of excellent quality, remaining longer in the green state than any other kind. Qt., 20c.; peck, \$1.25.

TRIUMPH. Said to be the earliest of the large varieties. Flavor rich and sweet; largely grown as a market sort. Qt., 20c.; peck, \$1.25.

MAMMOTH SUGAR. A late variety, and one of the largest; productive and fine-flavored. Qt., 20c.; peck, \$1.25.

Black Sugar. A black-grained variety, one of the sweetest of all kinds. Qt., 20c.; peck, \$1.25.

CORN, Field.

VARIETIES FOR FIELD CULTURE.

Early Yellow Canada. A well-known early variety. Doz. ears, 40c.; 100 ears, \$2.25.

Early Dutton. A handsome variety, of excellent quality. Doz. ears, 40c.; 100 ears, \$2.25.

Large Yellow Flint. Productive and of good quality. Doz. ears, 40c.; 100 ears, \$2.25.

Large White Flint. Similar to the preceding, except in color. Doz. ears, 40c.; 100 ears, \$2.25.

Compton's Yellow Field. The largest variety of Field Corn in cultivation. Doz. ears, 50c.; 100 ears, \$3.00.

Chester Co. Mammoth. Shelled, \$1.00 per peck; \$3.00 per bush. Doz. ears, 75c.; 100 ears, \$5.00.

Blunt's Prolific. Shelled, \$1.00 per peck; \$3.00 per bush. Doz. ears, 40c.; 100 ears, \$2.25.

King Philip. Doz. ears, 40c.; 100 ears, \$2.25.

SWEET FODDER CORN.

For soiling. Sow three bushels to the acre, broadcast, or half that quantity in drills. Per bush., \$2.50.

WHITE POP CORN.

For parching (in ears). Lb., 10c.; 100 lbs., \$8.00.

CORN SALAD or FETTICUS.

German, *Lammers-Wet*.—French, *Maiche*.—Spanish, *Canonigos*.

A vegetable used as a salad, and sold to a large extent in our New York markets. It is sown on the first opening of spring, in rows of one foot apart, and is fit for use in six or eight weeks from time of sowing. If wanted to come in early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over exactly as Spinach.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

Large Leaved. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Small Seeded. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

COLLARDS, True Georgia.

French, *Chou*.—German, *Blätter-Kohl*.

Sow for succession from June to August, and treat as Cabbage, in rows one foot apart.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

CRESS, or PEPPERGRASS.

German, *Kresse*.—French, *Cresson*.—Spanish, *Mastruco*.

A well-known pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

Extra Curled. Very fine; may be cut two or three times.

Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Australian Cress. Fine, piquant flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

CRESS, Water.

German, *Brunnenkresse*.—French, *Cresson de Fontaine*.—Spanish, *Berro*.

This is a well-known hardy perennial aquatic plant, growing abundantly along the margins of running streams, ditches and ponds, and sold in immense quantities in our markets in spring. Where it does not grow naturally, it is easily introduced by planting along the margins of ponds or streams, where it increases, both by spreading of the roots and by seedling. It has a particularly pleasant, pungent taste, agreeable to most people.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

CUCUMBER.

German, *Gurke*.—French, *Concombre*.—Spanish, *Cohombro*.

Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled, warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared, by mixing thoroughly with the soil of each a shovelful of well-rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be plucked when large enough, whether required for use or not, as if left to ripen on the vines, it destroys their productiveness.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

IMPROVED EARLY WHITE SPINE. A favorite market variety of medium size, deep green, flesh crisp, and of fine flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 85c.

IMPROVED EXTRA LONG WHITE SPINE. An improved variety of the above and much superior to it; largely used for forcing by market gardeners. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Boston Pickling. Largely used about Boston by market gardeners. A very productive kind, of superior quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Early Frame. An old and popular variety, of medium size, straight and handsome; excellent for pickles when young. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

Early Cluster. A much esteemed early sort, growing in clusters, and extremely productive. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

GREEN PROLIFIC. One of the best pickling sorts. Its characteristics are its very uniform growth, hardly ever yielding cucumbers too large for pickling, and in its immense productiveness. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Early Russian. The earliest variety; fruit produced in pairs; small, hardy and productive. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

LONG GREEN. A fine long fruit of excellent quality, dark green, firm and crisp. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

SHORT GREEN, or GHERKIN. Similar to Early Frame; good for pickling. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

West India Gherkin, or Burr. Used only for pickles. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Henderson's Half Dwarf Celery.
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Celeriac, or Turnip Rooted Celery.
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Minnesota Corn.
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West India Gherkin, or Burr Cucumber.
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English Frame Cucumber.
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CUCUMBER, Frame, or Forcing.

Sow in small pots from middle of January, in a hot-bed or hot-house. When grown to three leaves plant out in a previously prepared hill of loose, rich soil, in the centre of the sash. Keep a temperature of 65 degrees at night, to 75 or 80 degrees with sun-heat. The following selection includes some of the leading English varieties:

Berkshire Champion.	Duke of Edinburgh.
Blue Gown.	Cuthill's Black Spine.
Carter's Champion.	Invincible.
Improved Lion House.	Master's Prolific.
Dale's Conqueror.	Long Gun.
Lord Kenyon's Favorite.	Prince Albert.
Telegraph.	Munroe's Rabley.
Marquis of Lorne.	Walker's Rambler.

Price, per packet, 25 cents.

DANDELION.

German, *Parlebume*.—French, *Pisse-en-lit*.—Spanish, *Amargon*.

The Dandelion resembles Endive, and is sometimes cultivated for spring greens, or for blanching for salad. The roots when dried and roasted are often employed as a substitute for coffee. The seed should be sown in May or June, in drills half an inch deep, and twelve inches apart. The plants will be ready for use the following spring.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

Dandelion, Common. Pkt., 10c.; oz., 40c.
— **NEW LARGE LEAVED.** (See *Special Description*, page 31.) Pkt., 20c.; oz., \$1.00.

EGG PLANT.

German, *Eierpflanze*.—French, *Aubergine*.—Spanish, *Berengena*.

The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seed should be sown in hot-beds the first week in April, care being taken to protect the young plants from cold at night. Plant out about June 1st, about two and a half feet apart. If no hot-bed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in common flower-pots, or boxes in the house.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

NEW YORK IMPROVED. The leading market variety; excellent and very productive. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

Early Long Purple. Differing in shape from the foregoing; early, hardy and productive. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

BLACK PEKIN. The fruit of this handsome variety is jet black, round in form and very solid; it is quite early and a very superior variety. Pkt., 10c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.50.

Scarlet Fritted. An exceedingly ornamental variety. Pkt., 10c.; oz., 75c.

ENDIVE.

German, *Endivien*.—French, *Chicorée*.—Spanish, *Endivia*.

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way, in August and September. It requires no special soil or manure, and after planting is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is effected by gathering up the leaves and tying them by their tips in a conical form, with bass matting. This excludes the light and air from the inner leaves, which, in the course of from three to six weeks, according to the temperature at the time, become blanched. Another and simpler method consists in covering up the plants, as they grow, with slats or boards, which serves the same purpose, by excluding the light, as the tying up.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

GREEN CURLED. Very hardy; leaves dark green, tender and crisp. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

White Curled. Leaves pale green; should be used when young. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

FRENCH MOSS CURLED. A beautiful curled variety, of fine quality. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

BROAD LEAVED BATAVIAN. (*Escarotte*.) Chiefly used in soups and stews; requires to be tied up for blanching. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

GARLIC.

German, *Knoblauch*.—French, *Ail*.—Spanish, *Ajo*.

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil: the sets should be

planted in early spring, in rows one foot apart, and from one to five inches between the plants in the rows. The crop matures in August, when it is harvested like the Onion.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

Garlic Sets. Per lb., 40c.

KALE, or BORECOLE.

German, *Blätter Kohl*.—French, *Chou Vert*.—Spanish, *Breton*.

Kale, or Borecole may be grown in almost any soil, but the richer it is the more abundant the produce. Sow from the middle of April to beginning of May in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

DWARF CURLED KALE, GERMAN GREENS, or "SPROUTS." This variety is extensively grown as Winter Greens, sown in the month of September, in rows one foot apart, and treated in every way as Spinach; it is ready for use in early spring. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

GREEN CURLED SCOTCH. A rather dwarf variety, growing about eighteen inches in height, but spreading under good cultivation to three feet in diameter; leaves of a bright green, beautifully curled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

BROWN GERMAN CURLED. A very hardy and useful variety. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Cottager's Kale. A valuable variety, of excellent flavor, and an immense cropper; grows about a foot in height; leaves rich green, curled and feathered to the ground. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Variegated Triple Curled. Leaves beautifully curled and variegated; an excellent vegetable, and exceedingly ornamental. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

KOHL RABI.

German, *Kohlrabi*.—French, *Chou-rave*.—Spanish, *Cal de nabo*.

A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seed in rows in May, June and July, according to the latitude. In this district, we sow through June, for succession, in rows eighteen inches apart, thinning out to eight inches between the plants. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from seed, and thin out where it stands; although, when the weather is favorable, the thinnings may be planted at the distances above named.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

EARLY WHITE VIENNA. (See *Cut*.) Flesh white and tender; the best market sort; excellent for table use. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Early Purple Vienna. Different from the above in color, which is of a bluish purple. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

LEEK.

German, *Louch*.—French, *Poireau*.—Spanish, *Puerro*.

The Leek is very hardy and easily cultivated; it succeeds best in a light but well-enriched soil. Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck being covered, may be blanched. If fine Leeks are desired, the ground can hardly be made too rich.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

LARGE AMERICAN FLAG. (See *Cut*.) A favorite market variety. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

MUSSELBURGH. Grows to a large size. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Large Rouen. A large and excellent variety. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

LETTUCE.

German, *Lattich*.—French, *Laitue*.—Spanish, *Lechuga*.

The cultivation of Lettuce is universal by all who have gardens, and from its tractable nature and freedom from nearly all insects and diseases, it is manageable in the hands of every one. For main early crop, seed may be sown in the open ground middle of September, and transplanted to cold frames as soon as large enough to handle, being wintered over in the same manner as early Cabbage. In dry, well-sheltered spots, by covering

**Improved Early
White Spine
Cucumber.**
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Large Purple Egg Plant.
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N. Y. Improved Egg Plant.
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Corn Salad, or Fetticus.
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Green Curled Endive.
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American Flag Leek.
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Early Vienna Kohlrabi.
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Dwarf Curled Kale.
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LETTUCE, (Continued.)

up with leaves or litter, late in the season, Lettuce plants may be saved over winter without glass covering, in southern parts of the country without difficulty. The plants for setting out in spring are also sown in cold frames in February, and in hot-beds in March, and by careful covering up at night, make plants to set out in April; but these are never so good as those wintered over. For successive crops, sowings may be made in the open ground as early as spring opens until July.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 16c. per lb.

EARLY CURLED SIMPSON. (True.) (See *Cut.*) This variety, properly speaking, does not head, but forms a compact, close mass of leaves; the earliest and leading market sort. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

BLACK SEEDED SIMPSON. (See *Special Description*, page 31.) Pkt., 25c.; oz., \$2.00.

GREEN FRINGED. (See *Special Description*, page 31.) Pkt., 25c.; oz., \$2.00.

Early Curled Silesia. Resembles the Curled Simpson; a good, early kind. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Tennis Ball. (Black Seeded.) Forms a close, hard head, with a few outer leaves; a favorite forcing variety. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

BLACK SEEDED BUTTER. Similar to Tennis Ball, but larger; used extensively as an out-door variety. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

BOSTON MARKET. (True.) A superb variety, grows very compact, and is beautifully white and crisp. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

Large India. Withstands summer heat better than most kinds; forms an immense solid head. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

LARGE WHITE SUMMER CABBAGE. Excellent for summer; heads of good size, close and well formed. A fine market variety. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

WHEELER'S TOM THUMB. Very dwarf and compact; crisp and excellent flavor; remains a long time before running to seed. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.25; lb., \$4.00.

Drumhead, or Malta. (See *Cut.*) Heads very large, crisp, tender, and of good flavor; one of the best summer varieties. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Boston Curled. A variety of superior quality, very symmetrical and ornamental in growth. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

ALL THE YEAR ROUND. A hardy, crisp eating and compact growing variety, with small close heads of a dark green color; an excellent summer lettuce, and valuable for forcing. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

Hardy Green Winter. One of the best winter varieties, very hardy, and forms a solid head. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

Brown Dutch. Very hardy; one of the best for winter use. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

PARIS WHITE COS. One of the best of the upright varieties; tender and crisp; should be tied up to insure blanching. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

MARTYNIA

The seed pods are used to a considerable extent for pickling, when gathered green and tender. Sow in the open ground in May, and transplant two feet apart.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 16c. per lb.

Martynia Proboscidea. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

MELON, Musk.

German, *Melone*.—French, *Melon*.—Spanish, *Melon*.

Melons thrive best in a moderately enriched light soil; the hills should be six feet apart each way. Previous to planting, incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill, early in May, and when well up thin out to three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerous, thin out when young, which will increase the size of those remaining and cause them to ripen quicker.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 16c. per lb.

GREEN CITRON. (See *Cut.*) Fruit medium size, deeply netted; shape nearly round, from six to eight inches in diameter; flesh green and of rich, delicious flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

NUTMEG. Fruit nutmeg shape; skin deep green, finely netted; flesh greenish yellow, rich and sugary. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

SKILLMAN'S NETTED. Form roundish oval; flesh deep green, sweet and richly perfumed; an early and delicious variety. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

HACKENSACK. (See *Special Description*, page 31.) Pkt., 10c.; oz., 20c.; ¼ lb., 60c.

SURPRISE. (See *Special Description*, page 31.) Pkt., 15c.; oz., 50c.

Pineapple. Medium size, dark green, oval, netted, flesh thick, sweet and juicy. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.10.

CASABA. A large variety, of delicious flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.10.

Ward's Nectar. A green-fleshed variety of fine quality, being exceedingly sweet, rich and delicious. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

White Japan. An early, medium-sized, roundish variety; skin cream white and fine flavored. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.25.

JENNY LIND. A moderately early variety, of small size, but excellent flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.10.

Large Yellow Cantaloupe. Flesh reddish orange, sweet and of good flavor; an early and productive variety. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

Large Yellow Musk. A very large variety, deeply ribbed and thickly netted; flesh salmon yellow, thick and sweet. Used in the green state for "Mangoes." Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

Pomegranate. Very fragrant and ornamental, but not edible. Pkt., 10c.; oz., 50c.

MELON, Water.

German, *Wasser-melone*.—French, *Melon d'Eau*.—Spanish, *Sandia*.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 16c. per lb.

Mountain Sprout. Fruit of the largest size, longish oval; skin dark green, marbled with lighter shades, red-fleshed, of excellent quality. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

MOUNTAIN SWEET. Fruit oblong, dark green, rind thin, flesh red, solid and very sweet. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

PHINNEY'S EARLY. (See *Cut.*) Flesh deep red, of very superior quality; early and productive; a valuable market variety. Pkt., 5c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25.

Black Spanish. Fruit of large size, almost round, skin dark green, flesh red, sweet and delicious. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

ICE CREAM. (White seeded.) (True.) Fruit of medium size, nearly round, skin pale green, rind very thin, flesh scarlet, solid, crisp and delicious. Pkt., 5c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.00.

GIPSY. Fruit large, oblong, striped; flesh red, of fine quality. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

Sculptured Seeded Japan. A new and very early variety, of fine flavor; flesh cream color. The seed has a singular appearance. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

Orange. So called from its peculiarity of the rind separating from the flesh when fully ripe; flesh red, tender and sweet, of medium quality. Pkt., 5c.; oz., 20c.; ¼ lb., 30c.; lb., \$1.25.

Citron. A round, handsome fruit, of small size; used in making of sweetmeats and preserves. Pkt., 5c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25.

MUSTARD.

German, *Senf*.—French, *Moutarde*.—Spanish, *Mostaza*.

A pungent salad, used sometimes with Cress. Sow thickly in rows, and cut when about two inches high; for use during winter, it may be sown at intervals in boxes, in the greenhouse or in a frame. For a crop of seeds sow in April, in drills a foot apart, and thin out moderately when about three inches high.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 16c. per lb.

WHITE LONDON. Best for salads. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

Brown, or Black. More pungent in flavor than the white. Oz., 5c.; ¼ lb., 15c.; lb., 50c.

New Chinese. Leaves twice the size of the ordinary white Mustard, stems more succulent, of a deeper green, flavor pleasantly sweet and pungent. Oz., 10c.; ¼ lb., 40c.; lb., \$1.25.

MUSHROOM SPAWN.

For simple and yet full directions for the cultivation of the Mushroom, please refer to Mr. Henderson's most recent work, "Gardening for Pleasure." The Spawn we offer is specially made for use each season.

Per pound, 15 cents; eight pounds, \$1.00. By mail, 30 cents per pound.

G. C. Scotch Kale.
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Paris White Cos Lettuce.
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Drumhead, or Malta Lettuce.
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Sea Kale.
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Curled Simpson Lettuce.
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Martynia.
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Mushroom Spawn
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Green Citron Melon.
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Phinney's Early Water Melon.
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NASTURTIUM, or INDIAN CRESS.

The seeds, while young and succulent, are pickled and used as capers. The plants are also highly ornamental; the tall variety makes an excellent screen or covering for unsightly places in the garden.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

Tall Nasturtium. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.
Dwarf Nasturtium. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

OKRA, or GUMBO.

German, *Essbarer*.—French, *Gumbo*.—Spanish, *Quibombo*.

This vegetable is extensively grown in the Southern States; its long pods, when young, are used in soups, stews, etc., and are believed to be very nutritious. It is of the easiest culture, and grows freely, bearing abundantly in any ordinary garden soil. It is sown at the usual time of all tender vegetables, in drills two inches deep, setting the plants from two to three feet apart.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

IMPROVED DWARF GREEN. Early and productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
Long Green. Long ribbed pods. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

ORACHE, or MOUNTAIN SPINACH.

The leaves of the Orache are cooked and eaten in the same manner as Spinach, to which it is preferred by many persons. The seed may be sown about the end of September, and again in the spring for succession, in drills six inches apart. When the seedlings are about an inch high, thin them to six inches apart, and those removed may be planted out at the same distance in a similar situation, and watered occasionally if needed, until established. The leaves must be gathered for use while young, otherwise they will be worthless and stringy.

Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

ONION.

German, *Zwiebel*.—French, *Ognen*.—Spanish, *Cebolla*.

The Onion thrives best in a rather deep, rich, loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread it firmly; sow thinly in drills about a quarter of an inch deep, and one foot apart; cover with fine soil, and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually, so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

EXTRA EARLY FLAT RED. This variety ripens about ten days earlier than the large Wethersfield, and is rather smaller in size, but close-grained and heavy. (See *Cut*.) Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

WETHERSFIELD LARGE RED. The staple variety of the Eastern Onion-growers; of large size, deep in color, and an excellent keeper. (See *Cut*.) Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

YELLOW DANVERS. An excellent variety, mild flavored and very productive; ripens early, and a good keeper. (See *Cut*.) Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

Yellow Dutch, or Strasburg. One of the oldest varieties, the "Silver Skin" of the Eastern States, a good keeper, and well flavored. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

WHITE PORTUGAL, or SILVER SKIN. A handsome onion, of mild flavor, but not a good keeper; extensively grown for pickling. (See *Cut*.) Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

RED GLOBE. Similar to the Large Red Wethersfield in color and flavor, but quite distinct in form, being nearly gloular. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

WHITE GLOBE. Similar in shape to the preceding; of mild flavor and a good keeper. One of the very best. (See *Cut*.) Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.00.

The following are Italian varieties and specially suited for cultivation in the Southern States:

GIANT ROCCA. A splendid large variety from Naples, of globular shape, bright brown skin and delicate flavor. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

NEW NEAPOLITAN MARZAJOLA. One of the earliest onions in cultivation; it is a white-skinned Italian variety, and an excellent keeper. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

NEW QUEEN. An excellent variety; as remarkable for its keeping qualities as for the rapidity of its growth. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.00.

LARGE WHITE ITALIAN TRIPOLI. A new and excellent variety, of quick growth and mild flavor. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

LARGE RED ITALIAN TRIPOLI. This has the same characteristics as the White Tripoli, distinct in color, however. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

ONION SETS.

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows one foot apart, with sets three or four inches apart. When raised from sets, the onions can be used in the green state in June, or they will be ripened off by July. Sets are produced by sowing the seed as early as the ground can be worked in spring, very thickly, in beds or drills; and about the middle of July, or whenever the tops die down, the small bulbs, or sets, are gathered and kept spread thinly in a cold, dry cellar, or loft, until the following spring. The Potato and Top Onions are grown only from bulbs.

Add 20c. per quart extra if to be sent by mail.

White Onion Sets. Qt., 35c.; peck, \$2.50.

Yellow Onion Sets. Qt., 30c.; peck, \$2.25.

Potato Onions. Qt., 35c.; peck, \$2.50.

Top, or Button Onions. Qt., 35c.; peck, \$2.50.

Above prices subject to variation.

PARSNIP.

German, *Pastinake*.—French, *Panais*.—Spanish, *Pastinaca*.

Sow as early in spring as the weather will admit, in drills fifteen inches apart, covering half an inch deep. When well up, thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug up as required.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

LONG SMOOTH, or HOLLOW CROWN. (See *cut*.)

Best for general use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.
The Student. A fine flavored variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

Early Round. An early variety, but of small size. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

PARSLEY.

German, *Petersilie*.—French, *Persil*.—Spanish, *Peregil*.

Parsley succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in spring, previously soaking the seeds for a few hours in tepid water. Sow thickly in rows a foot apart, and half an inch deep. For winter use protect in a frame or light cellar.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

DOUBLE CURLED. A fine dwarf variety, beautifully curled; excellent for garnishing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

CHAMPION MOSS CURLED. (See *cut*.) A very select stock, beautifully crimped and curled. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

FERN LEAVED. A very beautiful variety, being more like a crested fern or moss than Parsley; very valuable for table decoration. Pkt., 15c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Plain Parsley. The leaves of this sort are plain; it is harder than the curled variety; good for flavoring. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Hamburg, or Turnip-Rooted. A fleshy rooted kind; the roots useful for flavoring soups. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

PEAS.

German, *Erbsen*.—French, *Pois*.—Spanish, *Guizante*.

Peas come earliest to maturity in light rich soil. For general crop, a deep loam, or a soil strongly inclining to clay, is best. For early crops, decomposed leaves or leaf-mold should be used, or if the soil is very poor, stronger manure may be employed. For general crops, a good dressing should be applied, and for the dwarf growing kinds, the soil can hardly be too rich. When grown as a market crop, Peas are never staked, and are sown in single rows, two to three inches deep, and from two to three feet apart, according to the variety, or the strength of the soil. When grown in small quantities for private use, they are gener-

White Portugal Onion.
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Yellow Dutch Onion.
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White Globe Onion.
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Wethersfield Red Onion.
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Extra Early Flat Red Onion.
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Yellow Danvers Onion.
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PEAS, (Continued.)

ally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush. For an early crop, sow in February or March, as soon as the ground can be worked; and make repeated sowings every two weeks for succession. After the first of June, sowing should be discontinued until the middle of August, when a good crop may sometimes be secured by sowing an early sort.

Add 25c. per quart extra if to be sent by mail. Pints furnished at quart rates.

Extra Early.

- CARTER'S FIRST CROP.** One of the earliest varieties; 2½ feet. Qt., 30c.; peck, \$2.25; bush., \$8.00.
- IMPROVED DANIEL O'ROURKE.** A favorite extra early variety. Qt., 30c.; peck, \$2.25; bush., \$8.00.
- Philadelphia Extra Early.** A very desirable early variety; largely grown South. Qt., 30c.; peck, \$2.25; bush., \$8.00.
- Caractacus.** An early productive Pea, of good flavor; one of the best early round kinds. Qt., 30c.; peck, \$2.25; bush., \$8.00.
- LAXTON'S ALPHA.** The earliest of all the wrinkled Peas; of fine quality and very prolific; pods large and well filled; 3 feet. Qt., 50c.; peck, \$3.00; bush., \$10.00.
- WILLIAM I.** One of the newer varieties, of very fine quality. It is about one-third larger than the Philadelphia Extra Early, and about five days later. Qt., 40c.; peck, \$3.00; bush., \$10.00.
- AMERICAN WONDER.** (See *Special Description*, page 31.) Pint, 40c., qt., 75c.
- McLEAN'S LITTLE GEM.** A dwarf, green wrinkled marrow, very prolific, of superior flavor, and a first early; 1 foot. Qt., 40c.; peck, \$2.50; bush., \$9.00.
- EXTRA EARLY PREMIUM GEM.** A very fine dwarf Pea of the Little Gem type, on which it is a great improvement. Qt., 60c.; peck, \$1.50; bush., \$16.00.
- KENTISH INVICTA.** About five days later than the Improved Daniel O'Rourke, ripens altogether; pods of a fine green color, very prolific, and of excellent flavor. A very good market variety; 2½ feet. Qt., 35c.; peck, \$2.25; bush., \$8.00.
- McLEAN'S "BLUE PETER."** This may be called a larger better, and earlier form of Tom Thumb, having blue seed. It is remarkably dwarf, very early, a capital bearer, and of excellent quality. Qt., 40c.; peck, \$3.00; bush., \$10.00.
- Tom Thumb.** Remarkably dwarf and early, of excellent quality, and yields abundantly; 1 foot. Qt., 40c.; peck, \$2.50; bush., \$9.00.

Second Early Varieties.

- FILLBASKET.** This new variety is one of the best second early Peas in cultivation; dwarf-growing, blue, of excellent flavor. Qt., 50c.; peck, \$3.00; bush., \$10.00.
- McLEAN'S ADVANCER.** An early green wrinkled variety of delicious flavor; 2 feet. Qt., 40c.; peck, \$3.00; bush., \$10.00.
- Laxton's Prolific Long Pod.** A very productive variety, with long pods, containing from 10 to 12 peas each; 4 feet. Qt., 40c.; peck, \$2.50; bush., \$9.00.
- McLean's Wonderful.** A dwarf, early wrinkled marrow, of fine flavor, 3 feet. Qt., 75c.; peck, \$5.00.
- Bishop's Dwarf Long Pod.** An excellent second early variety, first class bearer; pods well filled; 1½ feet. Qt., 30c.; peck, \$2.00; bush., \$7.00.
- PRIZE-TAKER GREEN MARROW.** A very abundant bearer; pods long, handsome, well filled, of a deep green color. A good market variety. Qt., 60c.; peck, \$4.50.
- EUGENIE.** White wrinkled; an excellent cropper; 3 feet. Qt., 40c.; peck, \$2.25; bush., \$8.00.

For General Crop.

- CHAMPION OF ENGLAND.** One of the best and most popular Peas in cultivation; 5 feet. Qt., 30c.; peck, \$2.25; bush., \$8.00.
- LAXTON'S MARVEL.** (See *Special Description*, page 31.) Pint, 60c.; qt., \$1.00.
- McLean's Premier.** A first-class Pea, of medium height; an abundant cropper, and of excellent quality. Qt., 75c.; peck, \$5.00.
- Blue Imperial.** A good bearer and of fine flavor; 3 feet. Qt., 30c.; peck, \$1.75; bush., \$6.00.
- HAIR'S DWARF MAMMOTH.** One of the richest-flavored and best late varieties; 2½ feet. Qt., 40c.; peck, \$2.50; bush., \$9.00.

VEITCH'S PERFECTION. A large and delicious marrow Pea, and an abundant cropper; 4 feet. Qt., 40c.; peck, \$3.00; bush., \$10.00.

YORKSHIRE HERO. A splendid wrinkled marrow, of branching habit, and an abundant bearer; 2½ feet. Qt., 40c.; peck, \$2.50; bush., \$9.00.

LAXTON'S OMEGA. This dwarf late Pea is remarkably prolific; the pods are very fine and closely filled, and the flavor and color of the Peas, when cooked, unequalled; 2½ feet. Qt., 60c.; peck, \$4.50.

British Queen. One of the best and most productive of the tall, wrinkled marrows; of delicious flavor; 6 feet. Qt., 75c.; peck, \$5.00.

WHITE MARROWFAT. A favorite marrow sort; 6 feet. Qt., 25c.; peck, \$1.25; bush., \$4.00.

BLACK-EYED MARROWFAT. This, as well as the preceding, is extensively grown as a field Pea; hardy and productive; 4 feet. Qt., 20c.; peck, \$1.00; bush., \$3.50.

Edible Podded Peas.

EARLY DWARF WRINKLED SUGAR. A French variety, early and of good quality; 2½ feet. Qt., 60c.; peck, \$4.50.

TALL SUGAR. Edible Pods; 5 feet. Qt., 60c.; peck, \$4.50.

PEPPER.

German, *Pfeffer*.—French, *Piment*.—Spanish, *Pimiento*.

Grown largely for pickles. Sow in hot-bed early in April, and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows eighteen inches apart. They may also be sown in the open ground when danger of frost is past, and the soil is warm and settled.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 16c. per lb.

SWEET SPANISH. One of the largest and earliest varieties; the flesh is sweet and mild. Pkt., 10c.; oz., 40c.; ¼ lb., \$1.25; lb., \$4.00.

LARGE BELL, OR BULL NOSE. (See *cut*.) An early variety, of mild flavor; rind thick and fleshy. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.50.

SWEET MOUNTAIN, OR MAMMOTH. Similar to the preceding in shape and color, but larger and milder in flavor. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.50.

SQUASH, OR TOMATO SHAPED. The most generally grown for pickling; very productive. (See *Cut*.) Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.50.

LONG RED CAYENNE. Fruit brilliant coral red, conical, from three to four inches in length; very productive. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

Long Yellow Cayenne. Similar in shape to the Long Red, but of a rich glossy yellow; both varieties are very ornamental. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.50.

NEW CRANBERRY. An interesting variety; fruit resembles in appearance the Cranberry. One of the best pickle sorts. Pkt., 10c.; oz., 50c.

Chili (True). (See *cut*.) Very piquant and prolific. Pkt., 10c.; oz., 50c.; ¼ lb., \$1.50; lb., \$5.00.

Cherry Red. An exceedingly ornamental variety; fruit round, of a rich, glossy scarlet color. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.50.

MONSTROUS, OR GROSSUM. A new sort from France; fruit very large, and of irregular shape; good for Mangoes. Pkt., 10c.; oz., 40c.; ¼ lb., \$1.25; lb., \$4.00.

OXHEART. Medium size, heart-shaped, very productive and piquant; excellent for pickling. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.50.

POTATO.

German, *Kartoffel*.—French, *Pomme de Terre*.

The Potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds, and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to disease, and the flavor also is much inferior. In breaking up good pasture land, the decaying sod answers sufficiently well for the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the hills and plowed in—the latter in most cases being preferable. If the soil is good, but little manure is required. In highly enriched soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry or absorbent nature, as plaster, lime, superphosphate of lime and bone dust. For wet soils, these are particularly beneficial, as they not only promote growth, but prevent disease. Plant as early in spring as the ground can be had in fair working order, in hills or ridges, about three feet apart; covering in light warm soils, about four inches deep, but in cold, wet situations, two and a half or three inches will be sufficient.

Okra, or Gumbo.
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Early Round Parsnip.
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Long Smooth Parsnip.
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Squash or Tomato Shaped Pepper.
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Long Red Cayenne Pepper.
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Small Chili Pepper.
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Large Bell Pepper.
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**White Tipped Scarlet Turnip
Radish.**
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POTATOES—General Collection.

PRICES SUBJECT TO VARIATION.

- ALPHA.** A very early dwarf variety; fit for use ten days before the Early Rose. Of very good quality. Pkt., \$1.00; bush., \$2.50; bbl., \$6.00.
- BEAUTY OF HEBRON.** One of the best early sorts with white skin and flesh. Pkt., 75c.; bush., \$2.25; bbl., \$5.00.
- BURBANK'S SEEDLING.** A white skinned variety and a large yielder. Pkt., 75c.; bush., \$2.25; bbl., \$5.00.
- DUNMORE.** A white skinned and white fleshed sort, of excellent quality. Pkt., 75c.; bush., \$2.25; bbl., \$5.00.
- EARLY OHIO.** A very fine Potato of vigorous growth, and superior quality. Pkt., 75c.; bush., \$2.25; bbl., \$5.00.
- EARLY ROSE.** The leading variety for earliness, quality and productiveness. Pkt., 60c.; bush., \$2.00; bbl., \$4.50.
- EXTRA EARLY VERMONT.** Similar in general appearance to the Early Rose, but said to be harder and more productive. Pkt., 60c.; bush., \$2.00; bbl., \$4.50.
- GENESEE CO. KING.** A favorite variety in Central New York. Pkt., 75c.; bush., \$2.25; bbl., \$5.00.
- LATE ROSE.** The best of the late sorts. Pkt., 60c.; bush., \$2.00; bbl., \$4.50.
- MAMMOTH PEARL.** A large growing white skinned and white flesh sort; very prolific; grown for general crop. Pkt., 75c.; bush., \$2.25; bbl., \$5.00.
- MERCER PEACHBLOW.** A well-known sort, and largely grown for market. Pkt., 60c.; bush., \$2.00; bbl., \$4.50.
- NORTH RIVER BEAUTY.** (See *Special Description*, page 31.) Pkt., \$1.25; bush., \$4.00; bbl., \$12.00.
- PEERLESS.** A favorite variety for general culture. Pkt., 60c.; bush., \$2.00; bbl., \$4.50.
- ST. PATRICK.** (See *Special Description* in *Novelties*.) By Mail, 50 cents per lb.; by Express or Freight, \$2.50 per peck; \$8.00 per bush.; \$20.00 per bbl.
- WHITE PEACHBLOW.** A seedling from the original (Jersey) Peachblow, and one of the leading varieties grown for New York market. Pkt., 60c.; bush., \$2.00; bbl., \$4.50.
- SNOWFLAKE.** A variety of medium earliness; and for mealiness and delicate flavor is unsurpassed. Pkt., 75c.; bush., \$2.25; bbl., \$5.00.
- SUPERIOR.** A second early variety, with smooth skin; a good keeper. Pkt., 75c.; bush., \$2.25; bbl., \$5.00.
- ☞ All of our Potatoes are Northern grown, and from carefully selected stock

PUMPKIN.

German, *Kurbis*.—French, *Courge*.—Spanish, *Calabaza*.

Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May, in hills eight feet apart.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 15c. per lb.

LARGE CHEESE. The best variety for cooking purposes. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 60c.

Large Tours or Mammoth. Grows to an immense size, often weighing over one hundred pounds. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Connecticut Field. Very productive; largely grown for feeding stock. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

RHUBARB.

German, *Rhabarber*.—French, *Rhubarb*.—Spanish, *Ruibarro Bastardo*.

Sow in April, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil, about three feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting it at the same distance apart, as given above.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 10c. per lb.

Linnaeus. Early, large, and tender. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.00.

Victoria. Very large, later than Linnaeus. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.00.

For price of Rhubarb Roots, see *Vegetable Plants*.

RADISH.

German, *Rettig*, *Rodischesen*.—French, *Radis*, *Rave*, *Petit Rave*.—Spanish, *Rabano*.

Radishes thrive best in a light, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply, they may be sown in a hotbed in February.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 15c. per lb.

LONG SCARLET SHORT-TOP. The standard variety for market and private gardens. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

SCARLET TURNIP. Rather more delicate in flavor than the above; excellent for summer use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

EARLY ROUND DARK RED. (See *Special Description*, page 33.) Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

WHITE TIPPED SCARLET TURNIP. (See *Special Description*, page 33.) This is an early variety, of medium size, of excellent flavor, and of very handsome appearance. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

White Turnip. Excellent for summer use; of mild flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

YELLOW SUMMER TURNIP. Grows to a large size; excellent to stand the heat and drouth of summer. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Gray Summer Turnip. An excellent variety for summer use. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Long White Naples. Flesh white, crisp and mild. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

GRAY LONG WINTER (from *Laun*.) A new and exceedingly fine winter variety, grows somewhat larger than the Black Spanish; good keeper, and of a gray color. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

FRENCH BREAKFAST. A variety of quick growth, very mild and tender. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Olive-Shaped Scarlet. Oblong-shaped, flesh rose-colored; a good summer variety. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.25.

Red Forcing Olive-Shaped. A variety with smaller tops than the Olive-Shaped Scarlet, particularly suited for forcing. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

White Olive-Shaped. Different from the preceding only in color. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

OLIVE-SHAPED GOLDEN YELLOW SUMMER. A new variety, of oval form and deep yellow color. It is of particularly fine flavor, and will no doubt prove a valuable addition to existing sorts. It is very early, and well adapted for either forcing or open ground culture. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

ROSE CHIN WINTER. (See *Cut*.) Bright rose-color; flesh firm and piquant; excellent for winter use. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

BLACK SPANISH. One of the earliest and best for winter use. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

White Spanish. Rather milder in flavor than the preceding. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

CALIFORNIA MAMMOTH WHITE. A giant white-fleshed Fall Radish, of excellent quality. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.00.

Raphanus Caudatus, or Rat-Tail Radish. This remarkable vegetable produces in a short time pods from two to three feet long, which may be used either boiled, as a salad, or in pickles. The pods, either cooked or uncooked, should be used when about half-grown, when they have a most agreeable flavor. Pkt., 10c.; oz., 50c.

SALSIFY, or OYSTER PLANT.

German, *Bocksbart*.—French, *Salsifis*.—Spanish, *Ostra Vegetal*.

The Oyster Plant succeeds best in light, well enriched, mellow soil, which, previous to sowing the seeds, should be stirred to a depth of eighteen inches. Sow early in spring, in drills fifteen inches apart; cover the seeds with fine soil, an inch and a half in depth, and when the plants are strong enough, thin out to six inches apart. (See *Cut*.)

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 10c. per lb.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

SCORZONERA, or BLACK OYSTER PLANT.

This vegetable requires the same treatment as Salsify, which it nearly resembles; it is not, however, so generally esteemed. Sow in drills, eighteen inches apart, and thin out to nine inches from plant to plant.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 15c. per lb.

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$2.50.

SEA-KALE.

German, *Seehohl Meerkoohl*.—French *Crucbe Maritime*.—Spanish, *Breton de Mar*.

Cultivated for its blanched shoots, which are cooked as Asparagus. A supply may be had all winter by planting the roots closely in a warm cellar before frost. Sow one inch deep, in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart. (See *Cut*.)

Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

French Breakfast Radish.
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Scarlet Turnip Radish.
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White Bush Scalloped Squash.
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Rose China Winter Radish
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California Mammoth Winter Radish
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Long Scarlet Radish.
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Hubbard Squash.
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Vegetable Marrow.
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SORREL.

Broad-Leaved. Much used for salads. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.25.

SPINACH.

German, *Spinat*.—French, *Epinard*.—Spanish, *Espinaca*.

This is a very important crop in our market gardens, and is one of the most easily managed of all vegetables, requiring but little culture, and may be had fit for use the entire season. The main crop is sown in September; it is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with the frost; but in sheltered fields here there is no necessity for covering. For summer use, it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

SAVOY LEAVED. (See Special Description, page 31.) Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

ROUND LEAF. The main market sort; equally good for spring or fall sowing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Prickly. Stands well in winter, but gives less bulk per acre than the Round Leaf. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

LARGE ROUND LEAF VIROFLAY. A new variety, with very large thick leaves. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

New Zealand. Produces leaves in great abundance throughout the summer; should be raised in heat, and transplanted three feet apart each way into light, rich soil. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.25.

NEW THICK LEAVED. Similar to the Round Leaf, but thicker leaved; very tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

SQUASH.

German, *Kurbiss*.—French, *Courge*.—Spanish, *Calabasa Ton-tinera*.

Squashes are of luxuriant and vigorous growth, and although they will grow readily on almost any soil, they will well repay generous treatment. Like all vegetables of this class, it is useless to sow until the weather has become settled and warm. Light soils are best suited for their growth, and it is most economical of manure to prepare hills for the seeds in ordinary manner by incorporating two or three shovelfuls of well-rotted manure with the soil for each hill. For the bush varieties from three to four feet each way, and for the running sorts, from six to eight feet. Eight or ten seeds should be sown in each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

WHITE BUSH SCALLOPED. (See Cut.) An early market variety, excellent for shipping. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

YELLOW BUSH SCALLOPED. A sub-variety of the above, principally differing in color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

BUSH SUMMER CROOK-NECK. Early, productive, and of good quality; fruit orange-yellow, covered with warty excrescences. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Batman. A fine grained and distinct variety; dry, sweet and delicious flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

BOSTON MARROW. A much esteemed variety, coming in about ten days later than the bush sorts; a good keeper, and of unsurpassed flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

COCOANUT. (See Special Description, page 33.) Pkt., 10c.; oz., 30c.

HUBBARD. A general favorite, and more largely grown as a late sort than any other; of large size; flesh fine-grained, dry, and of excellent flavor. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.25.

MARBLEHEAD. An excellent variety, resembling the Hubbard. The flesh is of rather lighter color than that variety, while its combination of sweetness, dryness, and delicious flavor is remarkable. It yields equal to the Hubbard, and its keeping qualities are said to be better. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

MANMOTH CHILL. Grows to large size, often weighing over two hundred pounds; excellent for all uses. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Winter Crook Neck. A variety largely grown in some of the Eastern States; flesh close-grained, sweet, and fine-flavored; plant in hills nine feet apart. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Turban, or Turk's Cap. Flesh orange-yellow; thick, fine-grained and well-flavored; an excellent variety for use in the fall and early winter. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

YOKOHAMA. Flesh of a deep orange color, very finely flavored; sweet and dry, very fine-grained, and without any fibre. It is excellent stewed, and when baked it much resembles a Sweet Potato in flesh and flavor, and is superior to any Pumpkin for pies. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Vegetable Marrow. (See cut.) A favorite English sort; skin greenish yellow; flesh white, soft, and of rich flavor; quite distinct from all the preceding. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

TARRAGON.

Tarragon is cultivated for its leaves and young shoots, both of which are used as an ingredient in soups, salads, etc. Tarragon Vinegar, so much esteemed as a fish sauce, is made by infusion of the leaves in common vinegar. Pkt., 25c.

TOMATO.

German, *Liebesapfel*.—French, *Tomate*.—Spanish, *Tomate*.

This vegetable is one of the most important of all garden products. The seed should be sown in a hotbed about the first week in March, in drills five inches apart, and half an inch deep. When the plants are about two inches high they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot; they are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May the plants may be set in the open ground; they are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot, and placing it in a sunny window of the room or kitchen.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

THE TROPHY. This, when well-grown, is without doubt one of the best Tomatoes in cultivation. It is unsurpassed in size, in flavor, in productiveness, and in every other desirable quality. Our Headquarters Seed is carefully grown for us, and is saved only from perfect specimens, the finest fruits being selected each year for seed. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

TROPHY, EXTRA SELECTED. Saved only from specimens of perfect form, weighing from 16 to 24 ounces. Pkt., 25c.; oz., 75c.

ACME. This new Tomato is one of the earliest and handsomest varieties yet introduced. The fruit is of a medium size, perfectly smooth and regular in shape, very solid, and a great bearer. Color quite distinct, being a dark red, with purplish tinge. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

PARAGON. Also a new sort, for which the description of the Acme will answer in all respects, with this important difference, that in the Paragon the color is of a bright, glossy crimson, entirely free from the purple tinge characteristic of the Acme; and for this reason it will, in some sections, be considered more desirable as a market sort. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

BLOUNT'S CHAMPION CLUSTER. A distinct and valuable new variety, growing in clusters of from ten to twenty large-sized, smooth, well-shaped fruits in one bunch. It is as early as the Trophy, and for the size of fruit, remarkably smooth and free from inequalities. Color rich dark crimson, flesh very solid. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

The Conqueror. One of the earliest varieties; fruit of good size, very uniform in shape. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

NEW YORK MARKET. One of the earliest; large, smooth, solid and productive. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

LITTLE GEM. Very early and prolific; fruit small, round and of uniform shape. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Early Smooth Red. Very smooth and round; an excellent market variety. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Keyes Prolific. A productive early variety, of good quality. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

ARLINGTON. Fruit uniformly large, perfect in form; very prolific and of fine flavor. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

GENERAL GRANT. A very superior variety; fruit large, of good quality, and ripens rapidly and thoroughly. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Gray Long Winter Radish.
Page 53.

Salsify.
Page 53.

Scorzonera.
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New Egg Turnip.
Page 33.

Large White French Turnip.
Page 57.

Improved Am. Ruta Eaga.
Page 57.

TOMATO, (Continued.)

HATHAWAY'S EXCELSIOR. Early, of medium size, smooth, very solid, and of excellent quality. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

CANADA VICTOR. One of the earliest, of medium size, very symmetrical in shape. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

QUEEN. (See *Special Description*, page 33.) Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

GOLDEN TROPHY. Identical in form and size with this well-known Trophy, but in color a beautiful canary yellow, sometimes streaked lightly with red. Well suited for preserving, as well as for tables. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50.

ISLAND BEAUTY. (See *Special Description*, page 33.) Pkt., 20c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

Hubbard's Curled Leaf. One of the earliest; size medium, slightly ribbed, of very dwarf habit. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Feejee Island (Lester's Perfected). Fruit very large, light red or pinkish color, very solid and well-flavored; a good late sort. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Large Yellow. Similar in all respects to the large, smooth red, except in color, which is of a bright yellow. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Pear-Shaped. Used for preserving and pickling. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

Yellow Plum. A beautiful variety; used principally for pickling. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

Red Cherry. A small early variety, size and shape of a cherry; for pickling. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

Red Currant. A very ornamental variety. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.00.

Greengage. Resembling a yellow plum in shape and color; excellent for preserving. Pkt., 10c.; oz., 50c.

Strawberry, or Winter Cherry. The fruit has a pleasant, strawberry-like flavor, and is esteemed by many. Pkt., 10c.; oz., 50c.

TOBACCO SEED.

Connecticut Seed Leaf. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Imported Havana. Pkt., 20c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.50; lb., \$8.00.

Virginia. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50; lb., \$3.00.

Kentucky. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

TURNIP.

German, *Steckerube*.—French, *Naret*.—Spanish, *Nabo Comun*.

Turnips do best in highly-enriched, light, sandy or gravelly soil; commence sowing the earliest varieties in April, in drills, from twelve to fifteen inches apart, and thin out early to six or nine inches in the rows. For a succession, sow at intervals of a fortnight, until the last week in July, from which time until the end of August, sowings may be made for the fall and main crops. Turnips may be preserved until spring by cutting off the tops about one inch from the bulb, and storing in a cellar or cool shed during winter, covering the roots with dry sand; they should be harvested before severe frosts set in, for though comparatively hardy, few of the varieties will survive the winters of the Northern States in the open ground.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

RED TOP STRAP LEAF. Rapid grower and mild flavor; the most popular variety for early use, either for the table or stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early White Strap Leaf. Differs from the preceding only in color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Flat Dutch. An excellent garden variety, resembling White Strap Leaf, the best variety for spring sowing. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

NEW WHITE EGG. (See *Special Description*, page 33.) Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

PURPLE TOP WHITE GLOBE. An early variety, globe-shaped; in other respects similar to the Red Top Strap Leaf. A handsome looking bulb, and is rapidly taking the lead of all other varieties of early Turnip, for market garden purposes. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Large White Norfolk. A very large growing, globe-shaped variety; flesh coarse-grained and sweet; one of the best early varieties for stock, but not so desirable for table use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

LONG WHITE, OR COW HORN. Matures very quickly; roots shaped like a carrot, about half of which is formed above ground; flesh white, fine-grained and sweet, and of excellent quality for table use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

YELLOW STONE. Bulbs of medium size, very firm, excellent flavor, and good keeper; one of the best and most popular yellow-fleshed varieties for table use; it is equally good for feeding stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Yellow Finland. A small early variety, flesh bright yellow, bulbs flat and singularly compressed at bottom; a distinct variety, and excellent for table use. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

YELLOW GLOBE. One of the best American varieties for general crop, flesh very firm and sweet, and keeps well until late in spring, grows to a large size, and is excellent both for stock or table use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

GOLDEN BALL (ROBERTSON'S). Rapid grower, excellent flavor, globe-shaped, and of a beautiful bright yellow color; a good keeper, and has no superior for table use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Yellow Malta. An early variety, of fine flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Yellow Aberdeen. Very hardy and productive, good keeper, globe-shaped, color pale yellow, with purple top, very firm in texture, and closely resembling the Ruta Bagas in good keeping qualities; good either for table or stock. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Teltow, or Small Berlin. The smallest of all turnips; roots are spindle-shaped, and formed entirely under ground; the root has a peculiar flavor, and should not be taken off when used; much cultivated in Germany, where it is highly esteemed for flavoring soups. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Seven Top (for Turnip Greens). Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

RUTA BAGA, RUSSIAN, OR SWEDISH TURNIP.

The Ruta Baga, Swedish, or Russian Turnip is extensively grown for a farm crop; the roots are close-grained, very hard, and will endure a considerable degree of cold without injury. The roots are best preserved in a pit or cellar during the winter, and are excellent for the table early in spring. Sow from the 20th of June to the middle of July, in drills, two feet apart, and thin out to eight inches.

IMPROVED AMERICAN (PURPLE TOP). The leading variety; very hardy and productive, flesh yellow, solid, sweet, and fine flavored, equally good for stock or table use; the principal variety raised by market gardeners. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Green Top. An excellent kind, differing from the preceding only in the color of the top of the bulb, which is of a greenish tinge. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Skirving's Purple Top. A first-rate variety for table or stock; grows to a large size; flesh firm, solid and sweet, and a good keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

SHAMROCK. One of the finest purple top varieties in cultivation; forms a handsome bulb, with small top and very few leaves; an excellent keeper, and good for stock or table use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Laing's Improved. One of the earliest of the Ruta Bagas; forms a handsome bulb, of good quality, keeps well, good for table use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

LARGE WHITE FRENCH. A superior variety for table or stock; flesh firm, white and solid; attains a large size, and has a very rich and sweet flavor; a very popular variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

English Rape. Not a Ruta Baga, although closely allied; cultivated for its tops, which are valuable for feeding stock; it forms no bulb. $\frac{1}{4}$ lb., 10c.; lb., 30c.

WITLOEF.

A most distinct and comparatively new vegetable, somewhat resembling Chicory in habit. It produces a moderate-sized and beautiful white heart, in shape similar to a Cos Lettuce, and either eaten boiled, or as a salad it will be found a valuable acquisition to our short list of winter vegetables.

Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Sweet, Pot, and Medicinal Herbs.

No garden is complete without a few herbs for culinary or medicinal purposes; and care should be taken to harvest them properly. This should be done on a dry day, just before they come in full bloom, then dried quickly and packed closely, entirely excluded from the air. Sow in Spring, in shallow drills, one foot apart; and when well up, thin out or transplant to a proper distance apart.

Anise (*Pimpinellum Anisum*), cultivated principally for garnishing and for seasoning, like Fennel. Pkt., 5c.; oz., 15c.

Balm (*Melissa Officinalis*), principally used for making balm tea and balm wine. Pkt., 10c.; oz., 50c.

Basil, Sweet (*Ocimum Basilicum*). The leaves and tops of the shoots are the parts gathered, and are used for highly seasoned dishes, as well as in soups, stews, and sauces; a leaf or two are sometimes introduced into salads. Pkt., 10c.; oz., 50c.

Bene (*Sesamum Orientale*). Pkt., 5c.; oz., 20c.

Borage (*Borago Officinalis*). Excellent for Bees. Pkt., 5c.; oz., 25c.

Caraway (*Carum Carai*). Chiefly cultivated for the seed, which is used in confectionery and in medicine; in spring the under leaves are sometimes put in soups. Pkt., 5c.; oz., 15c.

Castor Oil Plant (*Ricinus Communis*). Pkt., 5c.; oz., 15c.

Catnip (*Nepeta Cataria*). Pkt., 15c.; oz., 60c.

Coriander (*Coriandrum Sativum*). Cultivated for garnishing, but more frequently for its seeds, which are used by confectioners. Pkt., 5c.; oz., 15c.

Dill (*Anetum Graveolens*). The leaves are used in soups and sauces, and are put along with pickles. Pkt., 5c.; oz., 15c.

Fennel (*Anethum Feniculum*). The leaves, boiled, enter into many fish sauces; and raw, form a beautiful ornament. Pkt., 5c.; oz., 15c.

Hop Seed (*Humulus Nupulus*). Pkt., 25c.; oz., \$1.50.

Horehound (*Marrubium Vulgare*). Principally used for medicinal purposes. Pkt., 10c.; oz., 50c.

Hyssop (*Hyssopus Officinalis*). The leafy tops and flowers are gathered and dried for making Hyssop tea and other purposes. Pkt., 10c.; oz., 40c.

Lavender (*Lavendula Spica*). A popular aromatic herb. Pkt., 10c.; oz., 40c.

Marjoram, Sweet (*Origanum Majorana*). For seasoning. Pkt., 10c.; oz., 40c.

— Pot (*Origanum Onites*). Pkt., 10c.; oz., 50c.

Opium Poppy (*Papaver Somniferum*). Pkt., 5c.; oz., 30c.

Rosemary (*Rosmarinus Officinalis*). An aromatic herb. Pkt., 10c.; oz., 50c.

Rue (*Ruta Graveolens*). Used for medical purposes, also frequently given to fowl for the croup. Pkt., 10c.; oz., 40c.

Saffron (*Carthamus Tinctorius*). Pkt., 5c.; oz., 15c.

Sage (*Salvia Officinalis*). The leaves and tender tops are used in stuffing and sauces. Pkt., 5c.; oz., 30c.; lb., \$3.00.

Savory, Summer (*Satureia Hortensis*). Used for seasoning. Pkt., 5c.; oz., 25c.

Sorrel, Broad-Leaved. Used for salads. Pkt., 5c.; oz., 15c.

Thyme, Broad-Leaved (*Thymus Vulgaris*). For seasoning, etc. Pkt., 10c.; oz., 40c.; lb., \$4.00.

Tansy (*Tanacetum Vulgaris*). Pkt., 10c.; oz., 50c.

Tarragon. Used in salads, soups, etc. Pkt., 25c.

Wormwood (*Artemisia Absinthium*). Used for medical purposes; it is also beneficial to poultry, and should be planted in poultry grounds. Pkt., 10c.; oz., 50c.

OUR PRACTICE

Of testing samples of all our stocks of Seeds in our Trial Grounds and Greenhouses, has not only proven in its results to be of great value to us, but of the utmost importance to those to whom we sell, particularly our large Market Garden Trade. We have so perfected our testing system, that we now send out no seeds, of any importance, that have not first been thoroughly proved, and while, as heretofore, we disclaim all responsibility for failure of crops, we believe our double facilities of Greenhouses and Grounds enable us to throw more safeguards around this department of our business than any other seed house in the land. With every year in our rapidly growing business, the advantages of maintaining and extending this test system become more and more apparent, and it is for this reason that we continue to "ring the changes" on its great importance.

ABOUT GARDENERS, THEIR WAGES, ETC.

We are constantly having applications for gardeners, from our customers, in sections of the country where none have been previously employed, the applicants usually inquiring of us the rates paid in New York. As a guide to such, and to save us time in replying, we here state that the rates paid in the vicinity of New York now, vary, for single men, from \$20 to \$40 per month and board, and for married men, from \$30 to \$60, with house to live in. The average of the former may be given as \$30 per month and board; of the latter at \$45 per month and house. The grading of prices paid, of course, is in the ratio of ability, or the amount of charge to be taken. In several cases where unusual charge is required, or where a man displays unusual ability, a large advance on these rates is paid. In no occupation is so much injury done as in the garden, greenhouse, or graperie, by changing men. In Horticulture the work done is nearly all prospective, and what the gardener does, or neglects to do to-day, will not probably show for three or six months after; hence the necessity of keeping the man satisfied in his position, for if not satisfied, and on the alert to move, it is not probable that he will interest himself as much in his work as if he was contented with his place. For this reason we have ever considered it bad policy to displace a good man for a few dollars' advance in salary. We ourselves, with all our opportunities of selecting men, have often paid foremen one-half more than we could have got equally good men for, just to make them entirely satisfied with their position, as we well know that our interest would suffer if they were not so.

As the labor of placing gardeners and those wishing to engage them in correspondence with each other is entirely gratuitous on our part, we request employers to state what their arrangements are, and about what wages are paid, and gardeners must state age, nativity, whether married or single, and all particulars, or their letters can receive no attention from us.

Complete Collections of Vegetable Seeds.

The following collections, adapted for large or small gardens, we will supply at the following very low rates—rates that are at least one-fourth less than the same kinds and quantities of Seeds are usually sold at. Buyer to pay charges in all cases.

ARTICLES.	No. 1. Price \$25 Contains:	No. 2. Price \$20 Contains:	No. 3. Price \$15 Contains:	No. 4. Price \$10 Contains:	No. 5. Price \$5 Contains:
Beans, Bush, best kinds for succession.....	6 qts.	4 qts.	3 qts.	2 qts.	2 pts.
“ Lima and other Pole.....	2 “	1 “	1 pt.	1 pt.	1 “
Beet, best sorts for succession.....	16 oz.	12 oz.	8 oz.	6 oz.	4 oz.
Brussels Sprouts.....	1 “	1 “	½ “	1 pkt.	1 pkt.
Cabbage, best early and late.....	6 “	5 “	4 “	3 oz.	2 oz.
Carrot, early and late.....	14 “	12 “	6 “	5 “	2 “
Cauliflower, best varieties.....	1 “	3 pkts.	3 pkts.	2 pkts.	1 pkt.
Celery, Henderson's Half Dwarf.....	2 “	1 oz.	1 oz.	½ oz.	½ oz.
Cucumber, leading kinds.....	6 “	4 “	3 “	2 oz.	1 “
Corn, Sweet, best varieties for succession.....	7 qts.	6 qts.	4 qts.	3 qts.	3 pts.
Cress, or Pepper-Grass, Curled.....	4 oz.	2 oz.	2 oz.	2 oz.	1 oz.
Egg Plant, New York Improved.....	½ “	½ “	2 pkts.	1 pkt.	1 pkt.
Endive, best curled.....	2 “	1 “	½ oz.	½ oz.	1 “
Kale, Dwarf German and Curled Scotch.....	1 “	1 “	1 “	1 pkt.	1 “
Kohl Rabi, Early White Vienna.....	1 “	1 “	½ oz.	½ oz.	1 “
Leek, American Flag.....	2 “	1 “	1 “	½ “	1 “
Lettuce, best varieties.....	4 “	3 “	2 “	1½ “	3 “
Melon, Musk, the best kinds.....	8 “	4 “	3 “	2 “	2 “
“ Water, the best kinds.....	4 “	4 “	3 “	2 “	1 “
Okra, or Gumbo.....	4 “	4 “	4 “	2 “	1½ “
Onion, the best varieties.....	8 “	6 “	4 “	3 “	1½ “
Parsley, Extra Curled.....	2 “	2 “	2 “	1 “	1 oz.
Parsnip, Long Smooth.....	8 “	4 “	3 “	2 “	1 “
Peas, best kinds for succession.....	10 qts.	8 qts.	6 qts.	4 qts.	4 pts.
Pepper, Large Bell and Long Red.....	1 oz.	1 oz.	2 pkts.	2 pkts.	1 pkt.
Radish, best varieties for succession.....	12 “	8 “	7 oz.	4 oz.	2 oz.
Salsify, or Oyster Plant.....	4 “	2 “	1 “	½ “	½ “
Spinach, Round.....	12 “	8 “	8 “	6 “	4 “
Squash, Summer and Winter.....	8 “	6 “	4 “	4 “	2 “
Tomato, Trophy and other good varieties.....	2 “	2 “	1½ “	4 pkts.	2 pkts.
Turnip, best kinds, early and late.....	12 “	8 “	8 “	6 oz.	2 oz.
Herbs, the most useful kinds.....	6 pkts.	5 pkts.	4 pkts.	3 pkts.	2 pkts.

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE.

Barley, broadcast.....	2 to 3 bush.	Melon, Musk, in hills.....	2 to 3 lbs.
Beans, Dwarf, in drills.....	1½ bush.	Melon, Water, in hills.....	4 to 5 lbs.
Beans, Pole, in hills.....	10 to 12 qts.	Millet, Common, broadcast.....	1 bush.
Beets, in drills.....	5 to 6 lbs.	Oats, broadcast.....	2 to 3 bush.
Broom Corn, in hills.....	8 to 10 qts.	Onion, in drills.....	5 to 6 lbs.
Buckwheat.....	1 bush.	Onion for Sets, in drills.....	30 lbs.
Cabbage, in beds to transplant.....	½ lb.	Onion, Sets, in drills.....	6 to 12 bush.
Carrot, in drills.....	3 to 4 lbs.	Parsnip, in drills.....	4 to 6 lbs.
Chinese Sugar Cane.....	12 qts.	Pea, in drills.....	1½ bush.
Clover, Red, alone.....	15 to 20 lbs.	Peas, broadcast.....	3 bush.
Clover, White, alone.....	12 to 15 lbs.	Potato (cut tubers).....	10 bush.
Clover, Alsike, alone.....	8 to 10 lbs.	Pumpkin (in hills).....	4 to 6 lbs.
Clover, Lucerne or Alfalfa.....	20 lbs.	Radish, in drills.....	8 to 10 lbs.
Corn, in hills.....	8 to 10 qts.	Rye, broadcast.....	1½ to 2 bush.
Corn, for Soiling.....	3 bush.	Sage, in drills.....	3 to 10 lbs.
Cucumber, in hills.....	2 lbs.	Salsify, in drills.....	8 to 10 lbs.
Flax, broadcast.....	1½ bush.	Spinach, in drills.....	10 to 12 lbs.
Grass, Kentucky Blue.....	3 bush.	Squash (bush varieties), in hills.....	4 to 6 lbs.
Grass, Orchard.....	3 bush.	Squash (running varieties), in hills.....	3 to 4 lbs.
Grass, English Rye.....	2 bush.	Tomato, to transplant.....	½ lb.
Grass, Red Top.....	2 bush.	Turnip, in drills.....	½ to 2 lbs.
Grass, Timothy.....	½ bush.	Turnip, broadcast.....	3 to 4 lbs.
Grass, Hungarian.....	1 bush.	Timothy, alone.....	½ bush.
Grass, Mixed Lawn.....	3 bush.	Vetches, broadcast.....	2 to 3 bush.
Hemp.....	1½ bush.	Wheat, broadcast.....	1½ to 2 bush.
Mustard, broadcast.....	½ bush.		

Quantity of Seeds required for a given number of Plants, number of Hills or Length of Drills.

Asparagus.....	1 oz. to 60 ft. of drill.	Parsnip.....	1 oz. to 200 ft. of drill.
Beet.....	1 oz. “ 50 “ “	Peas.....	1 qt. “ 100 “ “
Beans, Dwarf.....	1 qt. “ 100 “ “	Pumpkin.....	1 oz. “ 40 hills.
Beans, Pole.....	1 qt. “ 150 hills.	Radish.....	1 oz. “ 100 ft. of drill.
Carrot.....	1 oz. “ 150 ft. of drill.	Salsify.....	1 cz. “ 70 “ “
Cucumber.....	1 oz. “ 50 hills.	Spinach.....	1 oz. “ 100 “ “
Corn.....	1 qt. “ 200 hills.	Squash, Early.....	1 oz. “ 50 hills.
Dandelion.....	1 oz. “ 200 ft. of drill.	Squash, Marrow.....	1 oz. “ 16 “
Endive.....	1 oz. “ 150 “ “	Turnip.....	1 oz. “ 150 ft. of drill.
Leek.....	1 oz. “ 100 “ “	Cabbage.....	1 oz. “ 2000 plants.
Melon, Water.....	1 oz. “ 30 hills.	Cauliflower.....	1 oz. “ 2000 “
Melon, Musk.....	1 oz. “ 60 “	Celery.....	1 oz. “ 3000 “
Okra.....	1 oz. “ 40 ft. of drill.	Egg Plant.....	1 oz. “ 1000 “
Onion.....	1 oz. “ 100 “ “	Lettuce.....	1 oz. “ 3000 “
Onion, Sets, small.....	1 qt. “ 40 “ “	Pepper.....	1 oz. “ 1000 “
Parsley.....	1 oz. “ 150 “ “	Tomato.....	1 oz. “ 1500 “

FARM SEEDS.

PEARL MILLET.

Very few plants have ever been introduced into our agriculture about whose merits so great a diversity of opinion exists, as this Pearl Millet. Our first experience with it was in 1878, and the results, under our garden culture, were told at length, in our Catalogue last year. The article was widely copied, and led to its extensive cultivation last year. And now that the season is over, the evidence goes to show that opinion is about evenly divided as to its value as a fodder crop. That so many failed to secure the enormous results that we certainly did with it in 1878, can, we think, be readily explained. Our statement in that year was that we prepared a piece of good strong loamy ground as if for a beet or turnip crop, by manuring with stable-manure, at the rate of 10 tons to the acre, plowing 10 inches deep, and thoroughly harrowing. We sowed on the 15th of May, about the date we plant corn, in drills 18 inches apart. In 12 days the plants were up so that a cultivator could be run between the rows, after which no further culture was necessary, for the growth became so rapid and luxuriant as to crowd down every weed that attempted to get a foothold. The first cutting was made July 1st—45 days after sowing; it was then 7 feet high, covering the whole ground, and the crop, cut to 3 inches above the ground, weighed, *green*, at the rate of 30 tons per acre; this, when *dried*, gave 6½ tons per acre as hay. After cutting, a second growth started, and was cut August 15th—45 days from time of the first cutting. Its height was 9 feet; it weighed this time at the rate of 55 tons to the acre, *green*, and 8 tons *dried*. The *third* crop started as rapidly as the second, but the cool September nights lessened its tropical luxuriance, so that this crop, which was cut on October 1st, only weighed ten tons *green*, and 1½ tons *dried*. The growth was simply enormous, thus: 1st crop in 45 days, gave 30 tons *green*, or 6½ tons *dry*; 2d crop in 45 days, gave 55 tons *green*, or 8 tons *dry*; 3d crop in 45 days, gave 10 tons *green*, or 1½ tons *dry*. The aggregate weight being 95 tons of green fodder in 135 days from date of sowing, and 16 tons when *dried* to hay. Yet these startling re-

sults were 10 per cent. less than the actual yield, as we preferred to understate, well knowing that many would fail to reach even what we claimed for it.

Now let us examine into the causes of the failures which have been the experience of many. It is well known that the past May (the month in which it was sown) was one of the driest that has almost ever been experienced in nearly all parts of the Northern States. No better evidence of that can be had than the fact that celery, cabbage, and all such crops as are raised from seed sown in May were never before so scarce, and that thousands of acres lay idle all summer from want of plants to set out. Now the same cause—excessive drouth—that prevented the germination and growth of cabbage or celery seeds, acted, under the usual manner of sowing, even more disastrously on the seed of Pearl Millet, which is small, light, and particularly susceptible of injury from drouth. We say “under the usual manner of sowing,” for nine-tenths of all such light seeds are sown in such a loose way, that in seasons of drouth they either fail to germinate altogether, or are so enfeebled by the dry hot air acting on the seed, that if they do germinate, their vitality is so weakened that, as in the case of Pearl Millet, instead of the seeds sown May 15th, giving a growth of seven feet by July 1st, they would be likely, perhaps, not to give a growth of as many inches. All cultivators of experience know that age, over-drying, or any other cause that tends to lessen the vitality of seeds, is seen in less or more degree in the plants they produce, showing weakened growth. The safeguard against the contingency of dry weather acting on newly sown seeds is to *firm the soil over the seeds*, after sowing. Our own practice in this matter we detail under the head of “The Use of the Feet in Seed Sowing,” on page 34 of this Catalogue.

This was no doubt the principal cause of failure, but the non-germination of seed of Pearl Millet, in many cases, could be directly traced to sowing the seed too early, and we would again reiterate, that Pearl Millet in the latitude of New York, should never be sown before May 15th. Perhaps the best rule is never to sow it sooner than you would corn, or set out plants of tomatoes, for it is emphatically a plant of tropical origin.

HOW TO DRY.

As we have had many inquiries as to the best manner of drying Pearl Millet for “hay” we would state that our crop was sown in a solid block, so that when cut it had to be removed from the land where it grew, and tied in sheaves, and hung up on an extemporized rail fence. This plan of course would not answer when grown on a large scale, as the crop is so enormous that such an expedient for drying would be too expensive both for labor and rails, and as it is too heavy and succulent to be dried like Timothy and Clover, on the ground where it is cut, it must be removed, for to attempt to dry it where it grows would destroy the second crop. Circumstances, of course, must in a great measure be the guide, but we would suggest, that when grown for the purpose of being dried, that it be sown in beds, say 12 feet wide, with alleys six feet between, where it may be dried; this, of course, would be a loss of one-third of the land for the first crop, but it would be little or no loss of crop in the second, for the millet would spread so as to fill up all the six feet of alley.

We this season offer only *clean seed* of Pearl Millet of which from 3 to 5 lbs are required to sow an acre.

Price, *clean seed*, Pearl Millet, 60c. per lb.; 5 lbs. for \$2.75, or 10 lbs. for \$5.00.

If by mail, add 16c. per lb., postage.

FARM SEEDS.

WHITE RUSSIAN SPRING WHEAT.

WHITE RUSSIAN SPRING WHEAT.

This new variety is not exactly a white, but is a light-colored variety of red wheat, and is an enormous cropper. It has already received the very strongest commendation from those who have grown it, as will be seen by the following letters, received by the original introducer of it. It has long, straight, strong, yellow straw, and bears long and large white chaff heads, well filled with plump kernels, often weighing from 60 to 62 lbs. to the measured bushel. It stands well after being ripe, and it has shown itself to be a wheat not liable to lodge or rust when green; and, it is further claimed, that it has produced a full average crop where other varieties grown alongside of it have failed.

49½ Bushels from One Bushel of Seed.—From Geo. W. Abbott, Harvard, Clay Co., Nebraska: I sowed one bushel of White Russian Wheat, from which I threshed 49½ bushels of very good wheat. Other wheats in this vicinity yielded 10 to 20 bushels per acre.

From the "Western Rural": We have heard the White Russian Wheat so highly spoken of that we think it must be a valuable acquisition for farmers who cultivate this important cereal staple. We have also seen a very large number of highly complimentary letters from farmers who have tested it, and have yet to learn that it has failed to give satisfaction where it has had a fair trial. We advise farmers to try it for themselves.

The Russian Far in Advance.—From Daniel Fulver, Delhi, Iowa: I sowed two bushels of the White Russian Wheat by the side of two bushels of the "Lost Nation" Wheat, which I sent to Minnesota for, and find in comparing them, that the White Russian is far in advance, both in quality and quantity, besides it is about a WEEK EARLIER, and does not lodge down.

22 Bushels from ½ Bushel of Seed.—From Ed. Mayon, Stewartville, Minn.: The half-bushel of White Russian Wheat I sowed on half an acre, from which I harvested 22 bushels of good plump wheat.

Wished he had Sent for 10 Bushels instead of 2.—From J. E. Johnson, Des Moines Iowa: The two bushels of White Russian Wheat I sowed on a little more than one and a fourth acres and harvested 41 bushels of nice, plump wheat. I think it will yield 40 bushels per acre in a good wheat season. It beats all other spring wheat in this vicinity. I will save all I raised for seed. I wish I had sent for 10 bushels last spring, which would have furnished me enough seed for my next year's crop.

35 Bushels from One of Seed.—From Hugh M. Williams, Denison, Iowa: I purchased last spring one bushel of the White Russian Wheat, and sowed it on one acre of ground, corn-stalk ground, lightly plowed, on the 22d of April, and it yielded 35 bushels, machine measure. My Odessa, put in the same day and on the same soil, yielded 18 bushels per acre; the Odessa rusted badly, while the Russian was not affected at all with rust.

Heads Eight Inches Long.—From Henry Cameron, Pilot Grove, Grayson Co., Texas: I purchased and sowed 4 lbs. of the White Russian Wheat last March, from which I threshed two bushels. There were heads in my patch EIGHT INCHES LONG. The grain is very fine and large. My neighbors would like to buy.

46 Bushels per Acre.—From A. G. Quin, Humphrey, Plat Co., Neb.: Of the White Russian Wheat I sowed ¼ of an acre, and harvested 11½ bushels, at the rate of 46 bushels per acre. I shall sow all I raised.

Price, 3 lbs., sent post-paid by mail, for \$1.00.
Peck, 75c.; bush., \$2.50.

MEDITERRANEAN SPRING WHEAT.

A large-yellow bearded variety, with large kernels; a superior sort. Bush., \$3.00.

WINTER WHEAT.

Keystone Amber Wheat. Rather a new sort; very hardy, bearded, and yields well. Bush., \$3.00.
Fultz. A first-class milling wheat. Bush., \$3.00.

Seneca, or Clawson. This is a smooth, white wheat, with red chaff, and the best variety experimented with, either American or foreign, being fully equal to the best brands of California Wheat. It proves early and hardy, has a stiff straw, and yields large crops on every variety of wheat soil. Bush., \$2.50.

Treadwell. Is a white wheat of excellent quality. It yields well and is very hardy. The straw is strong and of rank growth, and produces heads both bald and bearded. Bush., \$2.50.

Red Mediterranean (American). This is the imported variety, fully acclimated, and is a standard wheat. The heads are bearded and well filled. It succeeds well in nearly all localities, and ripens early. Bush., \$2.25.

Hallett's Pedigree Wheat. An English variety; seed saved under the process of careful selection from only the best grains adopted for many years by an eminent English grower. It is a red variety, smooth chaffed and beardless, and produces from 40 to as high as 65 bushels per acre. Price, \$1.00 per quart, postpaid by mail, or a peck by express or freight for \$3.00.

EARLY AMBER SUGAR CANE.

A new variety of Sugar Cane, which, however, has been largely tested in many parts of the country, with very general success. Its distinctive features are said to be its earliness and great yield of both sugar and sirup. Culture the same as for Corn. Qt., 30c.; bush., \$6.00.

OATS.

Probsteier. The leading variety. It is very productive and heavy, and straw very strong. Bush., 32 lbs., \$1.15.

CHINESE HULLESS OATS.

The berry comes from the heads as clean as wheat, without the least particle of hull or chaff adhering. The grain is as white as Winter Wheat, and the heads as large and white. These oats should be sown at the rate of 50 lbs. to the acre, and will yield from 50 to 60 bushels per acre in good soil. By mail, 40c. per lb., or 3 lbs. for \$1.00; or, by express, \$1.00 per peck.

BUCKWHEAT.

Silver Hull. This variety, after being carefully tested, proves to be much superior to the common kind. Sown at the same time as the common Buckwheat, it continues in bloom longer, matures a few days sooner, and yields nearly double, under the same conditions. The grain is of a beautiful light gray color, varying slightly in shade, and the corners are much less prominent than in the ordinary variety, while the husk is thinner. The flour is whiter and more nutritious. Price, per bushel, \$2.00; 4 lbs. by mail, \$1.00.

Buckwheat, Common Variety. Best. Bsh., \$1.25.

SPRING BARLEY.

Two Rowed. Bush., \$1.75.

Four Rowed. Bush., \$2.50.

CORN.

Blunt's Prolific. Claimed to be the most prolific variety in cultivation. It is said to bear from 4 to 7 ears to the stalk. Qt., 20c.; bush., \$3.00.

RYE.

Spring. Bush., \$1.75.

Winter. Bush., \$1.25.

FOREIGN OATS.

We offer the following varieties of English and Scotch oats, and would recommend to our customers who have hitherto grown only the home American Oats, to give them a trial, as we feel confident their great superiority will be made apparent.

Black Tartarian. Early, productive and long-strawed; a much valued variety.

White Tartarian. A late and very prolific variety; said to do best in Southern latitudes.

Waterloo. White in color; large yielder, both of grain and straw; early.

Pedigree Poland. A good yielding, early Oat, of fine quality.

Price of any of the above sorts, \$2.50 per bushel, or a quart will be sent by mail for 40c.

The above varieties will average from 40 to 48 lbs. to the bushel

GRASS AND CLOVER SEEDS.

HOW TO MAKE A LAWN.

The preparation for laying down lawns is too often hastily and imperfectly made. The first point is to get the ground shaped to the desired grade, taking care in grading that when hills are removed, sufficient sub-soil is also removed to be replaced with top-soil, so that at least six inches of good soil will overlay the whole in all places. When the grading is finished, drains should be laid wherever necessary; then the whole should be thoroughly plowed, a sub-soil following in the wake of the common plow, until it is completely pulverized. A heavy harrow should then be applied until the surface is thoroughly fined down; all stones, roots, etc., should be removed, so that a smooth surface may be obtained. The lawn is now ready to be sown. When the seed is sown, a light harrow should again be applied, and after that a thorough rolling given, so that the surface is made as smooth as possible. In the latitude of New York the seed may be sown at any time during the months of April and May, and will form a good lawn by August, if the preparation has been good. If sown in the hot months of June or July, a sprinkling of oats should be sown at the same time, so that the shade given by the oats will protect the young grass from the sun. For small plots, of course, digging, trenching and raking must be done, instead of plowing, sub-soiling, or harrowing.

Lawn Grass. "Central Park Mixture." This is composed of choice selected grasses, of neat, compact growth, and will produce a fine sward. Qt., 25c.; bush., \$5.00.

(For forming new lawns, about four bushels per acre are required.)

MIXTURES FOR SEEDING LANDS.

						Sufficient to Seed an Acre.
Flint's Mixtures for Permanent Pastures —1st quality.....						\$ 7.00
“ “ “ “ “ 2d “						\$ 5.00
“ “ “ Shaded Pastures or Lawns —1st quality.....						\$10.00
“ “ “ “ “ “ 2d “						\$ 8.00

If parties in doubt as to what would be the best mixtures for either Lawns or Pastures, in special situations, will communicate the particulars of soil, etc., to us, we will furnish estimates of cost for suitable mixtures.

VARIOUS GRASSES.

If by Mail, postage must be added at the rate of 16c. per lb. (Prices subject to variation.)

Red Top Grass (*Agrostis Vulgaris*). Valuable as a mixture in either pasture or lawn grasses; succeeds well in almost any soil; (14 lbs. to the bushel). About 1½ bu. to the acre. Qt., 15c.; bu., \$1.75.

Kentucky Blue Grass (*Poa Pratensis*). Also known as June Grass; a valuable variety for lawns when mixed with other grasses; thrives best in dry soils, and retains its verdure during the hottest weather. About 3½ bu. to the acre. *Extra clean seed.* (14 lbs. to bushel). Qt., 10c.; bu., \$2.25.

Double Extra Clean. Qt., 15c.; bu., \$2.75.

Creeping Bent Grass (*Agrostis Stolonifera*). An excellent variety for lawns, succeeding well in most situations. About 1½ bu. to the acre. (Bushel of 15 lbs). Qt., 20c.; bu., \$4.00.

Rhode Island Bent Grass (*Agrostis Canina*). One of the finest of grasses for lawns when sown alone. About 1½ bu. to the acre. (Bushel of 10 lbs.) Qt., 20c.; bu., \$4.00.

Orchard Grass (*Dactylis Glomerata*). One of the most desirable of all pasture grasses; especially valuable for grazing stock. 3 bu. to the acre. (Bushel of 14 lbs.) Qt., 15c.; bu., \$3.00.

Timothy, or Herd Grass (*Paleum Pratense*). This well-known variety is extensively grown throughout the country. It will produce a larger crop, and is said to contain more nutriment than any other kind. From $\frac{1}{2}$ to 1 bushel per acre. (45 lbs. to bushel.) *Market price.*

Sweet Vernal Grass (*Anthoxanthum Odoratum*). Useful as a mixture with other grasses, on account of its early growth. It emits an agreeable odor when cut for hay. 3½ bushels to the acre. (About 10 lbs. to bushel). Lb., 50c.

Meadow Foxtail (*Alopecurus Pratensis*). One of the most desirable of all grasses for permanent pasture, being early and rapid in growth. It thrives best on rich, moist soils. 3 to 4 bushels per acre. (About 7 lbs to bushel). Lb., 60c.

Tall Meadow Oat Grass (*Avena Elatior*). Is highly recommended for soiling, being rapid and luxuriant in its growth. 5 to 6 bushels per acre. (Bushel of 13 lbs.) Bu., \$3.25.

Yellow Oat Grass (*Avena Flavesens*). Good for dry pastures and meadows. (About 7 lbs to the bushel). Bu., \$5.00.

Wood Meadow Grass (*Poa Nemoralis*). Well adapted for either pastures or pleasure grounds, having succulent and nutritive herbage, of early growth, and thriving well under trees. About 2 bushels to the acre. (About 14 lbs to the bushel). Lb., 50c.

Rough Stalked Meadow Grass (*Poa Trivialis*). Valuable for pastures and meadows, particularly on damp soils and sheltered situations, producing a constant supply of nutritive herbage, greatly liked by cattle. 1½ bushels to the acre. (About 14 lbs. to bushel). Lb., 50c.

Hard Fescue (*Festuca Duriuscula*). One of the finest of dwarf-growing grasses, thriving well in dry situations. 2½ bushels to the acre. (About 12 lbs. to bushel.) Lb., 30c.

Meadow Fescue (*Festuca Pratensis*). A valuable variety for permanent pastures. 2½ bushels to the acre. (About 15 lbs. to bushel.) Lb., 50c.

Sheep's Fescue (*Festuca Oviaria*). Excellent for sheep pastures; is short and dense in growth, making it valuable for grass plots. 2½ bushels to the acre. (About 12 lbs. to bushel). Lb., 30c.

English Rye Grass (*Lolium Perenne*). A very nutritious and valuable grass for meadows and permanent pastures. 2½ to 3 bushels to the acre. (Bushel of 24 lbs.) Bu., \$3.50.

Italian Rye Grass (*Lolium Italicum*). A valuable European variety, thriving in any soil, and yielding early and abundant crops. 3 bushels to the acre. (About 20 lbs to bushel). Bu., \$3.50.

Bromus Schraderi, or Rescue Grass. Is valuable for pasture, being hardy, productive, and of rapid growth. Lb., 60c.

Hungarian Grass (*Panicum Germanicum*). Is a valuable annual forage plant. 2½ bushels to the acre. (48 lbs. to the bushel). Bu., \$2.00.

CLOVERS.

(Subject to variation in price.)

If by Mail, postage must be added at the rate of 16c. per lb.

Red Clover, Medium (*Trifolium Pratense*). Market Price

Red Clover, Large, or Pea Vine. Market Price.

White Clover (*Trifolium Repens*). Lb., 50c.

Alfalfa, or Lucerne (*Medicago Sativa*). Lb., 40c.

Alsike, or Hybrid Clover (*Trifolium Hybridum*). Lb. 40c.

Scarlet Clover (*Trifolium Incarnatum*). Sown in July for soiling or mowing before winter. Lb., 50c.

Bokhara Clover (*Melilotus Leucantha*). Affords excellent food for bees throughout its season. Lb., 60c.

Trefoil, Yellow (*Medicago Lupulina*). Hop Clover. Lb., 50c.

BIRD SEEDS.

(Prices variable.)

If by Mail, postage must be added at the rate of 16c. per lb.

Canary, Best Sicily (*Phalaris Canariensis*). Qt., 20c.; bush. \$4.50.

Hemp (*Canabis Sativa*). Qt., 20c.; bush., \$3.00.

Maw (*Papaver Rhæas*). Lb., 30c.

Millet (*Panicum Niliacum*). Qt., 15c.

Rape (*Brassica Napus*). Lb., 30c.

Mixed Bird Seed. Qt., 20c.; bush., \$4.50.

MILLETS.

Pearl. (See description on page 60). 60c. per lb. by Express, buyer to pay charges.

Common Millet (*Panicum Miliaceum*). Very early; height, two to three feet; foliage, broad and very abundant; heads, very open, branching panicles; seeds glossy, oval, somewhat flattened. Per bushel, \$2.00.

German, or Golden Millet. Medium early; height three to five feet; heads closely condensed, spikes very numerous; seeds round, golden yellow, in rough, bristly sheaths. New and in great favor. Per bushel, \$2.25.

Hungarian (Grass) Millet (*Panicum Germanicum*). Early; height, two to three feet; abundant foliage, and slender head; withstands drouth, and yields well on light soils. Per bushel, \$2.00.

FRUIT SEEDS.

Apple Seed. 40c. per qt.; \$10.00 per bush.

Cherry Pits, Mahaleb. 50c. per lb.

Current, Red. 15c. per pkt.; 50c. per oz.

“ **White**. 15c. per pkt.; 50c. per oz.

“ **Black**. 15c. per pkt.; 50c. per oz.

Gooseberry, Red. 25c. per pkt.; \$1.50 per oz.

“ **Yellow**. 25c. per pkt.; \$1.50 per oz.

“ **Green**. 25c. per pkt.; \$1.50 per oz.

Pear Seed. 25c. per oz.; \$2.50 per lb.

Quince Seed. 25c. per oz.; \$2.50 per lb.

Raspberry Seed. 15c. per pkt.; 75c. per oz.

Strawberry Seed. 25c. per pkt.; \$1.00 per oz.

“ **Red Alpine**. 15c. per pkt.

MISCELLANEOUS.

If by Mail, postage must be added at the rate of 16c. per lb.

		Per Bush.
Broom Corn, medium	<i>Horcus Sacc'aratus</i>	per qt., 20c. \$5.00
— Evergreen . Carefully saved from selected brush.....		“ 25c. \$5.00
Flax Seed	<i>Linum Usitatissimum</i>	“ 25c. \$3.00
Opium Poppy	<i>Papaver Somniferum</i>	per oz. 30c.; per lb., \$2.00.
Spring Vetches	<i>Vicia Sativa</i>	per qt., 20c. \$4.00
Sunflower	<i>Helianthus Annuus</i>	“ 30c.
Osage Orange	<i>Maclura Aurantiaca</i>	per lb., 60c. \$10.00
Celery Seed, for flavoring		“ 40c.
Chinese Sugar Cane	<i>Sorghum Nigrum</i>	per qt., 25c.
Honey Locust	<i>Gleditsia Tticanthos</i>	per lb., 50c.
Yellow Locust	<i>Robinia Poendacac'æ</i>	“ 70c.
Early Amber Sugar Cane . (See Special Description).....		per qt., 30c. \$6.00

VEGETABLE PLANTS AND ROOTS.

Nearly all the *Vegetable Plants* here described we raise in enormous quantities, on our grounds at Jersey City Heights, N. J., and we always have them in their proper seasons in splendid condition. By our light system of packing, we can safely guarantee their safe arrival when sent by express, if the time in transit does not exceed three days. As will be seen, we also offer to send by mail; and although we forward many Vegetable Plants by this mode, and have them arrive in good condition, yet their safe arrival is not so certain as when sent by express. Whenever possible, then, customers should always order them sent by express, as we not only insure their safe arrival; but we are able to send larger and finer plants.

Owing to their perishable nature, Vegetable Plants cannot be sent C. O. D., unless one-half the amount accompanies the order. Remittances should be sent us in the form of a draft or P. O. Order.

We make no charge for either packing or boxes.

(Prices on all Vegetable Plants, for larger quantities than here given, made known on application.)

ASPARAGUS ROOTS.

The preparation of the Asparagus bed should be made with more care than for most vegetables, from the fact that it is a permanent crop which ought to yield as well at the end of twenty-five as of five years, if the soil has been well prepared. To start with, it should be on ground thoroughly drained, either naturally or artificially, and if choice can be had, on a rather light sandy loam. This should be trenched and mixed with sufficient manure to form a coating of at least six inches thick over the bed; this manure should be worked into the soil by trenching to the depth of two feet, as the roots of the plants will reach quite that depth in a few years. In setting, the crowns of the plants should be placed at least three inches below the surface. It makes but little difference whether it is planted in spring or fall; if in spring, it should be done as early as the ground is dry enough to work; and if in fall, just as soon as the plants can be had, which is usually in the early part of October. For an ordinary family, a bed of six rows, fifty or sixty feet in length and three feet apart will be sufficient, the plants in the rows being set nine inches apart.

Colossal. Two-year old roots. By mail, \$2.25 per 100. By express, per 100, \$1.25; per 1000, \$10.00; per 5,000, \$40.00.
— One year old roots. By mail, \$2.00 per 100. By express, per 100, \$1.00; per 1000, \$7.50; per 5000, \$30.00.

CABBAGE AND CAULIFLOWER PLANTS

that have been wintered over in cold frames, and are ready to

plant out at any time from February to end of April, of the following varieties.

If by mail add 25c. to 100 price.

Cabbage. Henderson's Early Summer. (Cold Frame.) Per 100, \$1.25; per 1000, \$10.00.

— Early Jersey Wakefield. (Cold Frame.) Per 100, \$1.25; per 1,000, \$10.00.

— Early York. (Cold Frame.) Per 100, \$1.25; per 1000, \$10.00.

— Early Flat Dutch. (Cold Frame.) Per 100, \$1.25; per 1000, \$10.00.

Cauliflower. Early Dwarf Erfurt. (Cold Frame.) Per 100, \$3.00; per 1000, \$20.00.

— Early Snowball. (Cold Frame.) Per 100, \$3.00; per 1000, \$20.00.

— — — (Grown in pots in Cold Frame.) \$1.00 per dozen; \$6.00 per 1000.

Hot Bed Plants of all the above sorts ready about May 1st, at half the above rates.

CABBAGE AND CAULIFLOWER PLANTS, For Fall and Winter Crops.—Ready July 1st.

Cabbage. Large Drumhead. Per 100, 50c.; per 1000, \$4.00.

— Premium Flat Dutch. Per 100, 50c.; per 1000, \$4.00.

— Drumhead Savoy. Per 100, 50c.; per 1000, \$4.00.

— Red (for pickling). Per 100, 75c.; per 1000, \$5.00.

Cauliflower. Early Dwarf Erfurt. Per 100, \$1.00; per 1,000, \$7.50.

— Algiers. Per 100, \$1.00; per 1,000, \$7.50.

CELERY PLANTS.

Ready June 15th.

LEADING VARIETIES.

GOLDEN DWARF. This valuable variety, so well portrayed on the colored plate of our catalogue last year, is in size and habit of growth much the same as the Half-Dwarf White sort; except that when blanched, the heart, which is large and full, is of a waxy golden yellow, rendering it a most showy and striking variety for either market or private use. It is entirely solid, of most excellent flavor and one of the best keepers during winter we have ever known.—By mail, per 100, \$1.00; by express, per 100, 75c.; per 1,000, \$6.50; per 5,000, \$25.00.

LONDON RED. We have tried to impress upon customers for years the superiority of Red Celery over the White. Not only that as a rule they are better flavored and more crisp, but that they are hardier and keep better during winter. This variety is perhaps the best of its class, and was also figured in the colored plate above alluded to. By mail, per 100, \$1.00; by express, per 100, 75c.; per 1,000, \$6.50; per 5,000, \$25.00.

HENDERSON'S HALF-DWARF. This variety is now grown more extensively than any other by the Market Gardeners who supply the New York City markets, and is the kind now found on the tables of all first-class hotels. When blanched, it is of a yellowish white, making it very ornamental for the table, is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large growing sorts in weight of bunch when grown under the same conditions. By mail, per 100, 75c.; by express, per 100, 50c.; per 1,000, \$4.00; per 5,000, \$15.00.

Boston Market. A dwarf growing white variety, of excellent flavor, much esteemed in Boston and vicinity. By mail, per 100, 75c.; by express, per 100, 50c.; per 1,000, \$4.00; per 5,000, \$15.00.

HENDERSON'S DWARF WHITE. A favorite New York Market variety, of close dwarf habit—solid, crisp and tender. By mail, per 100, 75c.; by express, per 100, 50c.; per 1,000, \$4.00; per 5,000, \$15.00.

Giant White Solid. The largest growing variety, solid and crisp, fine quality. By mail, per 100, 75c.; by express, per 100, 50c.; per 1,000, \$4.00; per 5,000, \$15.00.

Sandringham Dwarf White. An excellent sort, remarkable for fine flavor and solidity. By mail, per 100, 75c.; by express, per 100, 50c.; per 1,000, \$4.00; per 5,000, \$15.00.

Hood's Dwarf Red. A fine red variety, of compact growth and delicious flavor. By mail, per 100, 75c.; by express, per 100, 50c.; per 1,000, \$4.00.

Celeriac, or Turnip-rooted Celery. A variety of celery having turnip-shaped roots, which may be cooked and sliced, and used with vinegar, making a fine salad. It should have the same treatment as celery. By mail, per 100, \$1.00; by express, per 100, 75c.; per 1,000, \$6.50.

CHUFAS, OR EARTH ALMOND.

A plant largely grown in the Southern States, and valued for sheep, hog and poultry feed. They are planted in rows two and a half feet apart, and tubers planted twenty inches between the

rows. Half a bushel will plant an acre. In the South, they are planted in February and March. In Northern latitudes, in April and May.

Price, 60 cents per quart, by mail; or by express, \$2.50 per peck.

EGG PLANTS.

Ready May 15th.

N. Y. Improved. Each, 10c.; per doz., \$1.00; per 100, \$6.00.

Black Pekin. Each, 10c.; per doz., \$1.00; per 100, \$6.00.

HORSE RADISH ROOTS.

Now Ready.

By mail, per dozen, 25 cents. By express, per 100, 75 cents; per 1,000, \$6.00.

JERUSALEM ARTICHOKEs.

Strong tubers, 25 cents per quart; \$1.50 per peck; \$5.00 per bushel. A 3-lb. package, by mail, for \$1.00.

LETTUCE PLANTS.

Now Ready.

Early Curled Simpson (cold frame). Per 100, \$1.00.

Black Seeded Butter (cold frame). Per 100, \$1.00.

Hot Bed Plants of above, Ready May 1st, at half above rates.

PEPPER PLANTS.

Ready May 15th.

Large Bell or Bull Nose. Each, 10c.; per doz., \$1.00; per 100, \$6.00.

Sweet Mountain. Each, 10c.; per doz., \$1.00; per 100, \$6.00.

RHUBARB ROOTS

Rhubarb Roots may be planted early in spring or in fall, setting the roots three feet apart each way; if planted in spring on ground well prepared, a full crop may be gathered the succeeding season. It requires but little labor; once planted, it will remain in bearing condition for three or four years, only requiring a top dressing of manure dug in, in spring or fall.

25 cents each; \$2.00 per dozen.

SWEET POTATO PLANTS.

Ready May 25th.

Nansemond. The best sort for planting North. 75c. per 100; \$3.00 per 1,000.

TOMATO PLANTS.

Ready May 1st.

Acme. Per dozen, 40c.; per 100, \$2.00.

Paragon. Per dozen, 40c.; per 100, \$2.00.

The Trophy (from Headquarters Seed). Per doz., 40c.; per 100, \$2.00.

Early Smooth Red. Per doz., 40c.; per 100, \$2.00.

New York Market. Per doz., 40c.; per 100, \$2.00.

Gen. Grant. Per doz., 40c.; per 100, \$2.00.

FRUIT VINES AND FRUIT PLANTS.

This is now a most important department of our business, and we have our stock in such convenient shape that we are enabled to fill our orders for Small Fruits as readily during the winter months as in spring or fall.

KITTATINNY BLACKBERRY.

BLACKBERRIES.

- Kittatinny.** Very large and of excellent flavor. Per doz., \$1.00; per 100, \$3.00.
Lawton. Very large, juicy and sweet. Per doz., \$1.00; per 100, \$6.00.
Wilson's Early. Flavor rich and good, ripens early. Per doz., \$1.00; per 100, \$6.00.

CURRANTS.

- Cherry.** Dark red, the best variety for market. Each, 20c.; per doz., \$1.50; per 100, \$10.00.
Versailles. Best for table use. Each, 20c.; per doz., \$1.50; per 100, \$10.00.
White Grape. The best white currant. Each, 20c.; per doz., \$1.50; per 100, \$10.00.
Black Naples. Valuable for jams and jellies (2 years old). Each, 25c.; per doz., \$2.50; per 100, \$15.00.

FIGS.

Black Ischia.	Celestial.
Brunswick.	White Marseilles.
Brown Turkey.	Violet Round.

The above are six of the best varieties of this splendid fruit. All large fruiting plants.

- 1st size, \$3.00 each; six varieties for \$15.00.
 2d size, \$1.50 each; six varieties for \$7.50.

GOOSEBERRIES.

- Houghton's Seedling.** A vigorous and very productive variety, not affected by mildew. Probably the best American Gooseberry. 20 cents each; \$2.50 per dozen; \$12.00 per 100. 3 years old, 50 cents each; \$4.00 per dozen.

RASPBERRIES.

Red Varieties.

- Pride of the Hudson.** This splendid variety was offered for the first time two years ago last spring. After a thorough test, the best judges of fruit have pronounced it, for flavor, size and productiveness, unequalled. Price, 50 cents each; \$5.00 per dozen.
Clarke. Berries light crimson, very sweet and highly flavored. Per doz., \$1.00; per 100, \$6.00.
Hudson River Antwerp. Very productive and excellent. Per doz., \$1.00; per 100, \$6.00.
Philadelphia. Very hardy and productive. Per doz., \$1.00; per 100, \$6.00.

Black Varieties.

- THE GREGG.** The fruit of this new black Raspberry is fully one-half larger than the Mammoth Cluster, of excellent quality, enormously productive, and as hardy as any other black Raspberry. Some of our leading fruit growers pronounce it the best Black Cap Raspberry now in cultivation, and on account of its excellent shipping qualities, will be particularly well adapted for market culture. Price, 25 cents each; \$2.50 per dozen.
New Rochelle Raspberry. This may be termed a mammoth "Black Cap," as it is nearly as dark in color as the small black cap, but of large size, having a delicious sub-acid flavor. As a prolific bearer it has no equal—2-year-old plants producing 4 quarts to the plant. The plant is entirely hardy; a most valuable acquisition. Price, 30 cents each; \$3.00 per dozen.
Doolittles Black Cap. Large, sweet and juicy. Per doz., \$1.00; per 100, \$6.00.
Mammoth Cluster. One of the largest black Raspberries. Per doz., \$1.00; per 100, \$6.00.

YELLOW VARIETIES.

- Caroline.** Is a rich orange-colored variety, but recently offered for sale. It is very productive, flavor equal to Brinckle's Orange, and having the advantage over that variety of being entirely hardy. Price, 50 cents each; \$4.50 per dozen.
Brinckle's Orange. Large, sweet and delicious. Per doz., \$2.00; per 100, \$10.00.

STRAWBERRIES.

- PIONEER** is yet, with us, the earliest, of excellent flavor, exceedingly productive, a strong and vigorous grower.
FOREST ROSE. Size of the largest, an abundant bearer, and of excellent flavor. One of the most beautiful of the whole collection.
BEAUTY. An exceedingly handsome variety, not quite so large as either of the preceding, of medium earliness and highest flavor.
SHARPLESS. The largest and heaviest berry of the collection. It is of fine flavor, a good bearer, and likely to become a standard sort.
 Any of the above 4 sorts in strong Pot-Grown Plants, \$1.00 per doz.; \$6.00 per 100. Ground Layers, 50c. per doz.; \$3.00 per 100.

STRAWBERRIES, (Continued.)

MONARCH OF THE WEST. This is, with us, our favorite variety; it combines all the best qualities—being of the largest size, early, rich in color and flavor, and abundantly productive.

SETH BOYDEN. A very general favorite, medium early, of large size and immensely productive.

JUCUNDA. This is an old, well-known sort, possessing so many good qualities that we place it as one of the best eight, in preference to scores of others of later origin. It is of full average size, wonderfully productive, great beauty of color and form, excellent flavor, but its distinctive value is in its ripening, extending from the earliest to the latest season of the crop, the first berries being ripe here about June 4th, and extending unto July 4th.

CHARLES DOWNING. A favorite variety, of medium size and splendid flavor.

Triomphe de Gand. A well-known and favorite variety, of good size and excellent spicy flavor.

Champion. A beautiful dark crimson variety, of largest size; rather tart until when fully ripe; very prolific.

Wilson. Size medium; color dark crimson; most abundant berry, for that reason is most extensively used for market; flavor somewhat similar to Champion.

Great American. Large of size and of good flavor, but with us rather shy in bearing.

Kerr's Prolific. A most abundant bearer; medium in size; round shaped; of light crimson color; one of the latest varieties, being in full crop with us here 20th to 25th June.

Capt. Jack. A good variety; dark crimson; medium size and of excellent flavor.

Crescent Seedling. This is the earliest and most productive of any strawberry we have ever seen, but the flavor is very inferior, and, we would say, utterly unworthy of cultivation except for its earliness.

President Wilder. A fine flavored variety, but requiring rich culture to fully develop its excellence.

Any of the above 12 sorts in strong Pot-Grown Plants, 50 cents per dozen; \$3.00 per 100. Ground Layers, \$1.00 per 100.

POT-GROWN GRAPE VINES.

As we were the first to offer Pot-Grown Strawberry Plants at low rates, so we believe we are the first to offer

HARDY GRAPE VINES,

grown in Pots, so that they not only can be planted out at almost any time, but from being Pot-grown, they are always certain to live and grow much more rapidly than the dormant plants usually set out. We have been selling them in this shape for over five years, and find our sales rapidly increasing. Full instructions for cultivating will be found in Mr. Henderson's book, "Gardening for Pleasure," referred to elsewhere.

NEW WHITE GRAPE, "LADY."

A promising variety of quite recent introduction, and for which the introducer, a most reliable man, claims that, in health, hardiness, and adaptability to general culture, it is fully equal to the Concord, or any other native grape. Its quality is of the very best, and it ripens its fruit among the earliest, being in perfection in Ohio (where it originated) between 15th and 20th of August. If it merits all that is claimed for it, and we have every reason to believe that it has not been overestimated, it will be a most valuable addition to our already very short list of white native grapes.

Price, for extra fine two-year-old vines, \$1.00 each; \$9.00 per dozen.

Other Varieties.

Early Champion. A remarkably early grape, ripening at least two weeks earlier than any other sort now under cultivation. The bunches are large and compact, berries large, black and covered with a rich bloom; quality good, a strong and healthy grower and an immense bearer.

Concord. Large black berry, sweet and aromatic. It succeeds on all soils, ripens in every season, is healthy and hardy, and gives bountiful crops under almost any kind of treatment. When only one variety is wanted, we invariably advise to plant Concord.

Delaware. Red, bunches compact, berries small, sweet and of the most exquisite aroma. For quality there is no American grape to equal it.

Diana. Red, bunches very compact, berries of average size, ripens with the Delaware, sweet and aromatic.

Early Black. Resembles the Concord in style of growth and berry, ripening two weeks earlier.

Lady. (New.)

Rogers, No. 9. An excellent variety, berries medium, bunches rather small, color a light bronze, a good bearer.

Rogers, No. 15. Berries large, of bronze color, bunches of good size and form; the best light grape of any.

Rogers, No. 17. Resembles the preceding in size and general characteristics, but darker in color.

Rogers, No. 22. A splendid white grape, tinged with pink; of medium size, delicate flavor, the bunches well formed and compact, fine, perfectly hardy and free from mildew.

Rogers, Bronze. A berry above the medium, bunches large, well formed, berry very sweet.

Rogers, No. 41. An improvement on the Concord; berry of the same size, bunch larger and better formed, berries sweeter.

Rogers, No. 44. A splendid sort, berries large, black, bunch well shaped and compact; a good bearer, berry remaining on the vine a long time.

Price of the above Grapes (except Lady) grown in pots, strong plants, 30 cents each; or we will sell the entire collection of 13 varieties, one of each (including the New White Grape "Lady") for \$3.50.

FOREIGN GRAPE VINES FOR VINERIES.

Muscat Black. Bunch well-formed, berry oval, black.

Muscat of Alexandria. Large grape, of light golden color; the most popular of the white kinds.

Sweet Water. An early kind, pale amber, well flavored.

Black Hamburg. Sweet and juicy; a well-known excellent sort.

White Malvoise. White.

Gros de Colman. Greenish white, bunches very large, weighing often from 25 to 30 lbs. each.

White Frontignac. Berries nearly white, bunch medium.

Calabrian Raisin. Bunches large and well-formed; amber white.

Charlesworth Tokay. White, delicious flavor.

Bowood Muscat. White, with Muscat flavor.

Prince Albert. Black; very late.

Black Damascus. Dark; fine.

Santa Cruz. White.

Royal Muscadine. White; berries small, early.

Muscat Cannon Hall. Large white.

" **Hamburg.** Similar to Black Hamburg, with Muscat flavor.

1st size, extra strong, \$2.00 each; 2d size, fine plants, \$1.00 each. Also a few extra large-sized fruiting vines, \$3.00 each.

FRUIT TREES.

SHADE AND ORNAMENTAL TREES.

NEW JAPANESE MAPLES.

— **Atropurpureum.** A very showy variety with deeply-lobed leaves of a claret tint, and keeping its dark color far into the autumn. Each, \$2.00

EVERGREENS AND HEDGE PLANTS.

WEEPING TREES (Deciduous).

WEeping TREES (Evergreen).

	Each.
Abies, Weeping Hemlock	\$2 00
Weeping Spruce.....	2 00
American Weeping Spruce.....	2 00
Biota, Weeping Arbor Vita	1 50
Juniperus, Weeping Juniper	1 00
Picea, Weeping Silver Fir	2 00

BULB DEPARTMENT.

By reference to this and the three following pages it will be seen that we have this year made a special department of Bulbs and Bulbous Roots. Many of the Bulbs offered should only be planted in the Fall, and can only at that time be supplied; as a guide for time of ordering, however, we have, under each class, clearly stated the dates between which we can supply them. Orders, of course, can be sent us at any time, and the Bulbs forwarded at the proper season.

Any of the following Bulbs sent free by Mail at Catalogue Prices, except where quoted by the hundred.

GLADIOLUS.

(Supplied From October to June.)

The increasing demand for this popular flower induces us to offer from our very extensive collection of named varieties, the following special selections, to which we invite particular attention.

NAMED GLADIOLUS.

Free by Mail on receipt of Price.

	Each.
Antonius. Fine spike of flowers, cherry colored, tinged with orange and blazed with carmine; white stains....	10c.
Brenchleyensis. Rich dark scarlet.....	10c.
Due de Malakoff. Deep orange, on white ground.....	25c.
Eugene Scribe. Large flower; rose blazed crimson.....	35c.
Felicien David. Cherry rose, striped carmine.....	15c.
Fulton. Velvety vermillion, with purple stain.....	15c.
Horace. Brilliant fire red; large white stain striped red.....	25c.
Ida. Ground color light rose, blazed crimson; lower divisions yellow.....	20c.
James Watt. Light vermillion, with stains of white and rose.....	25c.
John Bull. Ivory white, tinted yellow.....	10c.
Edith. Rosy flesh color, with dark stripes.....	20c.
La Candeur. Pure white, lightly marked with crimson violet.....	50c.
Laura. Light orange red, with white blotch.....	20c.
Le Poussin. Light red, with white throat. Very fine.....	20c.
Lord Byron. Brilliant scarlet, ribboned with pure white.....	15c.
Madame de Vetry. Sulphur white, stained with magenta.....	20c.
Madame Domage. Rosy pink, white spots.....	25c.
Margarita. A splendid sort; ground color rosy white; flushed with crimson.....	25c.
Meteor. Brilliant red, with large white stains.....	15c.
Napoleon III. Bright scarlet and white.....	20c.
Ophir. Dark yellow; stained purple.....	25c.
Princess of Wales. White, flaked with rosy crimson.....	15c.
Proserpine. Rosy white, strongly marked with deep rose.....	25c.
Robert Fortune. Deep crimson red, violet tinted ground with white lines.....	30c.
Sappho. Cherry, tinted with orange; in lower petals a white stain, striped with red.....	30c.
Thalia. White, flamed and streaked with carmine.....	25c.
Van Dyck. Crimson amaranth, striped white.....	25c.

AMERICAN SEEDLING GLADIOLUS.

We pay special attention to the growing of Gladiolus from seed, and from our immense stock have selected the best, which we offer under numbers. We cannot speak too highly of these seedlings; they far surpass the best imported named varieties, without regard to cost.

- No. 1.—White, and white grounds, but little striped.
- " 2.—Yellow, in variety.
- " 3.—Various shades of red.
- " 4.—" " pink and variegated.
- " 5.—" " scarlet and white throat.
- " 6.—" " violet grounds, shaded.
- " 7.—" " rose and carmine shaded.
- " 8.—" " very dark crimson and purple.
- " 9.—Pure white grounds, carmine and rose spotted.
- " 10.—Rose and pink, with white throats.
- " 11.—White, with yellow and rose tints.
- " 12.—Yellow grounds, shaded carmine or rose.
- " 13.—Pure white, carmine stains.
- " 14.—Rosy lilac with white stripes.
- " 15.—Brilliant scarlet vermillion with amaranth shades.
- " 16.—Yellow grounds, shaded with a deeper yellow and red.
- " 17.—Light blush, variously shaded.
- " 18.—Very dark pink with bright carmine.
- " 19.—Rosy lilac, indescribable colors and shades.
- " 20.—Dark lilac, very distinctly marked with rose and purple.

Free by Mail on receipt of Price.

Price, 25 cents each; \$2.50 per dozen.

GLADIOLUS IN COLLECTIONS.

We make up the following collections from our large stock of named sorts, such as we have a surplus of, which enables us to give our customers a very choice assortment, at much less than Catalogue rates. All the bulbs in these collections are correctly named.

Free by Mail on receipt of price.

"A."—12 good named varieties; the collection for.....	\$1 25
"B."—12 choice named varieties; " " ".....	2 00
"C."—12 extra choice; " " ".....	2 50
"D."—12 new and rare varieties; " " ".....	3 50
"E."—12 in 12 sorts, without names; the collection for....	1 00
"F."—12 choice mixtures; " " ".....	75
"G."—12 choice seedling mixtures; " " ".....	1 00
"H."—12 choice seedlings from our numbered selection; the collection for.....	2 50

GLADIOLUS MIXTURE.

Various shades. Red; by Mail. Per dozen, 50c.; \$3.00 per 100.
 " " Pink and variegated; by Mail. Per dozen, 75c.; \$4.50 per 100.
 Various shades. White and light striped; by Mail. Per dozen, \$1.00; \$3.00 per 100.
 All colors, mixed; by Mail. Per dozen, 50c.; \$3.00 per 100.

LILIES.

Free by Mail on receipt of price, and most of the sorts can be supplied from October until April.

Besides being perfectly hardy, when planted outside, this class of plants are admirably adapted for pot culture, when grown either in the greenhouse or house. They are of the easiest culture, and most of the varieties very fragrant. We have enriched our collection this season, by the addition of several new and distinct varieties.

	Each.
Lilium Atrorugineum. Orange, red blotched...	25c.
L. T. Atrosanguineum Grandiflorum. Known also as Thunbergianum Grandiflorum. Brilliant, with dark brown red flowers.....	25c.
Lilium Anatum. (The Golden-rayed Lily of Japan), strong flowering roots. (Stock of this is exceedingly scarce).....	75c.
L. Canadense Flavum. (true.) Flower bell shaped, petals not reflexed, yellow, spotted.....	25c.
Lilium Canadense Rubrum. Of larger growth than the preceding; flowers more richly colored with red, petals orange yellow, spotted.....	25c.
Lilium Candidum. Large, snow-white, fragrant blossoms, 3 to 4 feet high.....	25c.
Lilium Chalcedonicum Major (Scarlet Martagon). brilliant scarlet.....	50c.
Lilium Lancifolium Album. Pure white.....	75c.
Lilium Lancifolium Roseum. Rose spotted.....	25c.
Lilium Lancifolium Rubrum. White, with crimson spots.....	25c.
Lilium Lancifolium Punctatum. White, spotted with delicate salmon.....	60c.
Lilium Longiflorum. Large snow-white trumpet-shaped flowers, very fragrant, 1 to 1½ feet.....	15c.
Lilium Maximowiczii. A new and very showy variety, flowering profusely. The flowers are deep, orange scarlet, thickly spotted with black.....	40c.
Lilium Monstrosum Album. Pure white.....	50c.
Lilium Monstrosum Rubrum. Red spotted.....	50c.
Lilium Tigrinum (Tiger Lily). Orange red, spotted black.....	20c.
Lilium Tigrinum Flore Pleno. A very splendid variety of the Tiger Lily, rising from 4 to 5 feet in height, of vigorous growth, with bright orange red double flowers, richly marked with black spots.....	50c.
L. T. Citrinum. Very scarce. Large, light yellow flowers, tinted with rose.....	50c.
Lilium Umbellatum. Orange scarlet, very showy, and free flowering.....	25c.
L. Excelsum , (Testaceum Isabellinum.) Tall; nankeen yellow.....	50c.
L. Martagon , (Turk's Cup Lily.) Purple.....	25c.
L. Philadelphicum. Bright red, with black spots..	25c.
Parryi. A new Lily found by Dr. Parry in Lower California. A very beautiful species allied to Washingtonium; flowers clear golden yellow, borne on a stalk from 2 to 5 feet high—when well established, each stalk will furnish 20 flowers.....	\$3.00
Superbum. One of our best native species, although rarely met with in our gardens. When well established, it will produce upwards of fifty beautiful flowers in a pyramidal cluster.....	25c.

AMARYLLIS.

Free by mail on receipt of price. Supplied from September to May.

	Each.
Atamasco. Changeable from white to pink.....	20c.
Johnsonii. Crimson, striped with white; showy and very large bloom.....	\$1 00
Johnsonii Grandiflora. New. This variety produces from two to four flower spikes, each bearing from four to eight large scarlet flowers, with pure white stripe through each petal. One of the best for forcing.	1 00
Orientalis. New and fine.....	2 50
Prince of Orange. Light red, with pure white stripe through centre of each.....	1 00
Regina. Splendid.....	1 00
Vittata Rubra.	1 00
Seedlings. Very fine.....	1 00
Vallotta Purpurea Superba. A bulbous-rooted plant, somewhat resembling an Amaryllis. It blooms in August, throwing up its strong stems about one foot high, with from five to eight brilliant scarlet, lily-like flowers.....	50c.

CROCUS.

One of the earliest of spring flowers. It is of dwarf habit, the flowers ranging through the various shades of blue, white and yellow.

(Supplied between Sept. 1st and December 10th.)

Blue. Mixed shades. By mail, per doz., 25c.; by express, per 100, \$1.00.
Variegated or Striped. Mixed. By mail, per doz., 25c.; by express, per 100, \$1.00.
White. Mixed. By mail, per doz., 25c.; by express, per 100, \$1.00.
Large Yellow. Very fine. By mail, per doz., 25c.; by express, per 100, \$1.00.
All Colors. Mixed. By mail, per doz., 20c.; by express, per 100, 75c.

NAMED CROCUS.

Albion. Large, striped white and blue. By mail, per doz., 35c.; by express, per 100, \$1.50.
Ne Plus Ultra. Blue and white. By mail, per doz., 35c.; by express, per 100, \$1.50.
David Rizzio. Dark purple, large. By mail, per doz., 35c.; by express, per 100, \$1.50.
Prince Albert. Large, brilliant purple. By mail, per doz., 40c.; by express, per 100, \$2.00.
Queen Victoria. Pure white. By mail, per doz., 35c.; by express, per 100, \$1.50.
Sir Walter Scott. Striped blue and white. By mail, per doz., 40c.; by express, per 100, \$2.00.

HYACINTHS.

Our Hyacinths, both of Named and Unnamed sorts, are always the largest and soundest bulbs to be obtained, and are sure to give satisfactory results. The bulbs we can only supply from the 1st of September until 1st of December. At prices quoted we send Hyacinths free by mail, when so desired.

CHOICE NAMED HYACINTHS,

FOR EITHER GLASS OR POT CULTURE.

We make a uniform price for all the following named Hyacinths (double and single), as follows:

Buyers' selection of sorts, 30c. each; \$3.00 per doz. Our selection of sorts (which will include widest range of color in all classes) 25c. each; \$2.50 per doz.

Named Hyacinths sent free by Mail on receipt of price.

Double Red, Various Shades.

Acteur. Rose, shaded with deep pink, large bells.
Alida Catherina. Satin rose, very double.
Bonquet Tendre. Brilliant red, fine truss.
Bonquet Royal. Light rose, dark eye, very double.
Czar Nicholas. Clear rose, large bells and spike.
Groot Voorst. Delicate blush, fine truss, very double and compact.
Lord Castlereagh. Light rose, fine.
Panorama. Bright red, long, handsome spike.
Princess Royal. Dark red, purple eyes, very fine.
Regina Victoria. Salmon rose, truss large and compact.

Double White, Various Shades.

A la Mode. Pink eye, good truss.
Anna Maria. Blush, with violet eye, good truss.
La Deesee. Yellowish white, fine shaped bells.
La Tour D'Auvergne. Pure white, fine large truss.
La Virginite. Pale blush, large bells and spike.
Minerva. Beautiful white.
Miss Kitty. Violet eye, large bells.
Pyrene. White, green tips.
Sceptre D'or. Pure white, large bells, fine truss.
Violet Superbe. White, violet eye.

Double Blue, Various Shades.

Blocksberg. Beautiful, clear porcelain, large bells, fine truss.
Bride of Lammermoor. Lilac, good spike.
General Antinck. Dark porcelain, shaded, lilac, fine spike.
Lord Wellington. Dark porcelain, fine spike.
Martinet. Fine blue, dense spike.
Mignon von Dryfhout. Violet, compact truss.
Othello. Violet black distinct and fine.
Pasquin. Porcelain, fine form.
Prince Frederic. Beautiful dark lilac.
Rembrandt. Violet blue, large spike.
Richard Steele. Splendid deep blue.

Double Yellow, Various Shades.

Bonquet D'Orange. Reddish yellow, short, compact truss.
Goethe. Cream colored, large bells, fine truss.
Heroine. Lemon color.
Jaune Supreme. Splendid deep yellow, very fine spike.
Louis D'or. Delicate straw-colored, moderate truss.
Ophir D'or. Golden straw color, fine spike.

Single Red, Various Shades.

Agnes. Dark red, large bells, and fine spike.
 Amy. Bright crimson.
 Fireball. Brilliant red, large bells.
 La Dame du Lac. Beautiful rose, large compact truss.
 Lord Wellington. Blush, striped light carmine, fine large bells.
 L'Ami du Cœur. Bright red, good truss.
 Madame Hodson. Delicate pink, striped red, fine full truss.
 Mars. Fine deep red, green tips.
 Norma. Satin pink, large bells, handsome spike.
 Robert Steiger. Bright crimson, very fine.
 Sultan's Favorite. Beautiful rose, large handsome spike.

Single White, Various Shades.

Alba Superbissima. Pure white, large truss, fine.
Grand Vainqueur. Pure white, very fine truss.
Grandeur a Merveille. Beautiful blush, fine truss.
Grand Vedette. Pure white, large bells.
La Candeur. Pure white, neat, compact truss.
Madame Talleyrand. Pure white, fine form.
Maid of Orleans. Pure white.
Queen of Holland. Creamy white, good spike.
Queen Victoria. Pure, waxy white; large, handsome spike.
Themistocles. Cream color, fine spike.
Voltaire. White, shaded rose, good spike.

Single Blue, Various Shades.

Baron von Byull. Violet blue, large and compact truss.
Charles Dickens. Porcelain, splendid truss.
Grand Lilac. Beautiful silvery lilac, large, compact truss.
L'Ami du Cœur. Violet blue, compact spike.
Mimosa. Dark purple, fine spike.
Moresque. Beautiful shade of lilac.
Orondatus. Porcelain blue, fine compact truss.
Porcelain Sceptre. Light blue, splendid compact spike.
Regulus. Porcelain blue, shaded white, splendid bells.
Uncle Tom. Violet black, white centre, fine.

Single Yellow, Various Shades.

Alida Jacoba. Deep canary yellow, compact truss.
Belle Jaune. Deep lemon shade.
Heroine. Light yellow, tipped with green, fine spike.
La Pluie D'Or. Rich yellow.
Overwinnaar. Bright yellow.

UNNAMED HYACINTHS.

For either Garden or Pot Culture

Free by Mail on receipt of price.

These are smaller bulbs from the named varieties in the above list, but all are sound and sure to flower.

Single Red. Each, 15c.; doz., \$1.50.
 " Blue. Each, 15c.; doz., \$1.50.
 " White. Each, 15c.; doz., \$1.50.
 " Yellow. Each, 15c.; doz., \$1.50.
 Double Red. Each, 15c.; doz., \$1.50.
 " Blue. Each, 15c.; doz., \$1.50.
 " White. Each, 15c.; doz., \$1.50.
 " Yellow. Each, 15c.; doz., \$1.50.

Mixed Hyacinths, all colors.

By express, \$9.00 per 100.

Hyacinths in Glasses.

The glasses, which are best of a dark color, are filled with water just high enough for the base of the bulb to touch it. The glasses must be placed in a cool and dark place, just such a situation as recommended (See our book "*Gardening for Pleasure*") for those grown in pots. Care must be taken that they do not freeze, else the glasses will be broken, and the Hyacinths more or less injured. Single Hyacinths are better than double ones for glasses. The water should be changed every six or eight days.

For Hyacinth Glasses, see Requisite Department.

TULIPS.

There is, perhaps, no ornament of the garden that can compare to the dazzling splendor of the Tulip. Its varieties comprise the most valuable class of hardy bulbs for decorative effect in the garden during the early spring months. The absence of difficulty in their culture, and their requiring no protection whatever after planting, makes them deservedly popular.

Supplied between September 1st and December 1st, and sent free by mail at Catalogue prices, except when offered by the hundred.

Early Flowering Single Tulips.

Bizard Pronkert. Brown, with yellow. Each, 10c.; doz., \$1.00.
Canary Bird. Each, 15c.; doz., \$1.50.
Couleur Ponceau. Purple, shaded violet. Each, 5c.; doz., 50c.
Duc Van Thol. Red. Each, 10c.; doz., \$1.00.
 " " " Crimson. Each, 10c.; doz., \$1.00.
 " " " Yellow. Each, 15c.; doz., \$1.50.
 " " " Rose. Each, 10c.; doz., \$1.00.
Lac Von Ryn. Satin white and magenta. Each, 5c.; doz., 50c.
La Rouge. Purple crown. Each, 10c.; doz., \$1.00.
Queen Victoria. Crimson. Each, 5c.; doz., 50c.
Rosa Mundi. Rose and white. Each, 10c.; doz., \$1.00.
Strip Standard. White, striped crimson. Each, 10c.; doz., \$1.00.
Thomas Moore. Buff, shaded orange. Each, 5c.; doz., 50c.
Yellow Prince. Fine yellow. Each, 5c.; doz., 50c.
Purple Crown. Purplish crimson. Each, 5c.; doz., 50c.
Finest Mixed Single Varieties, 50 cents per doz; \$3.00 per hundred.
100 Finest Named Single Varieties, in 15 sorts, \$8.00.
 50 " " " " " " \$4.50.

Early Flowering Double Tulips.

Bonaparte. Brownish red. Each, 5c.; doz., 50c.
Duc Van Thol. Red and yellow. Each, 5c.; doz., 50c.
Duke of York. Rose, bordered white. Each, 10c.; doz., \$1.00.
Gloria Solis. Crimson, with yellow margin. Each, 5c.; doz., 50c.
La Candeur. Pure white. Each, 10c.; doz., \$1.00.
Poony Gold. Golden yellow. Each, 10c.; doz., \$1.00.
Poony Red. Deep red. Each, 10c.; doz., \$1.00.
Purple Crown. Dark velvety crimson. Each, 10c.; doz., \$1.00.
Rex Rubrum. Bright crimson scarlet. Each, 10c.; doz., \$1.00.
Rosine. Bright rose. Each, 5c.; doz., 50c.
Touresol. Scarlet, margined yellow. Each, 10c.; doz., \$1.00.
Yellow Rose. Bright yellow. Each, 5c.; doz., 50c.
Finest Mixed Double Varieties. 50 cents per dozen; \$3.00 per hundred.
100 Finest Named Double Varieties, in 13 sorts, \$8.00.
 50 " " " " " " \$4.50.

Late Flowering Garden Tulips.

This group differs from the above by their taller growth and later bloom. The leading colors are pure white, golden and yellow ground tints, with beautiful flamed, striped and feather-like margins.

Bybloemens. White ground, flaked lilac, purple or black, choice mixed. Per doz., \$1.00; 100, \$7.00.

Parrot Tulips.

Very singular and striking flowers, of large size and brilliant colors, forming very effective groups for flower beds.

Parrot. Finest mixed colors. Per doz., 50c.; 100, \$3.00.

Mixed Tulips.

Fine mixed double or single Tulips for borders; many beautiful colors. 50 cents per dozen; \$3.00 per 100.

POLYANTHUS NARCISSUS.

Beautiful early spring flowers, producing large clusters of white, yellow and citron-colored flowers of the most delicious fragrance. They may be planted any time from October to January, singly in pots, or two three, four in a row; if planted in the open ground, manage in the same manner as the Hyacinth, but as they are not so hardy, they should be planted five inches under the surface, and be protected from severe frosts.

Grand Primo. White, citron cup. Each, 20c.; doz., \$2.00.
Groot Voorst. White, with yellow cup. Each, 15c.; doz., \$1.50.

Soleil D'Or. Yellow, with orange cup. Each, 15c.; doz., \$1.50.
States General. Lemon, with yellow cup. Each, 15c.;
 doz. \$1.50.

Mixed Varieties. Each, 15c.; doz., \$1.50.
Double Roman. White and yellow, very fragrant; if
 planted early will flower about Christmas. Each, 20c.;
 doz., \$2.00.

BORDER NARCISSUS.

These bloom in early spring. They are easily cultivated, very showy and fragrant, and quite hardy.

Double Varieties.

	Per doz.
Alba Plena Odorata. Pure white, very double and sweet.....	75c.
Incomparable. Yellow and orange, large and fine...	60c.
Orange Phoenix. Large golden yellow, very double.	\$2.00
Von Sion. Double yellow.....	60c.
Mixed Double Varieties.	60c.

Single Varieties.

Trumpet Major. Each, 10c.; per doz., 75c.	
Triandra. Dwarf, sweet-scented. Each, 10c.; per doz., 75c.;	
Poeticus (Pheasant's Eye). Pure white, cup edged with red, beautiful. Per doz., 50c.	
Mixed Single Varieties. Per doz., 50c.	

SNOWDROPS.

This, the earliest of spring-flowering bulbs, is universally admired for its elegant snow-white drooping blossoms. They succeed well in any soil, and should be planted where they are to remain, as they bloom best if not disturbed.

Single Snowdrop (<i>Ga'lantus Nivalis</i>). Doz., 25c.; 100, \$1.50.	
Double " (<i>Ga'lantus Nivalis Fl. Pl.</i>) Doz., 50c.; 100, \$3.00.	

MISCELLANEOUS FALL BULBS.

The following we send free by mail at Catalogue prices, and are prepared to supply the Bulbs between September 1st and December 1st.

ANEMONES.

A perfectly hardy bulb. The flowers, which include the most brilliant scarlet, blue, dark rose, etc., are of good size, and somewhat resemble a semi-double Hollyhock. Planted from October to December, they will bloom through the early spring months.

	Per doz.
Anemone. Finest mixed, double.....	60c.
" Finest mixed, single.....	60c.
" Single scarlet.....	60c.

ARUM.

A genus of very ornamental plants. They are quite hardy.
Arum Draconculis (Dragon Arum). Flowers brown, one foot long, stem beautifully marbled, leaves handsome, resembling a small palm..... 30c. each.

BULBOCODIUM VERNUM.

(*Spring Colchicum.*)

An early spring-blooming plant, in flower two weeks before the Crocus. Purple, very beautiful. Each, 10c.; doz., \$1.00.

CROWN IMPERIALS.

An old and well-known spring-blooming plant, with clusters of pendant, bell-shaped flowers, surmounted with a tuft of green leaves; very effective in mixed borders and centres of beds. Plant the bulbs about four inches deep and one foot apart. Each, 25c.; doz., \$2.50.

IXIAS.

Very beautiful little winter-flowering plants. From four to six should be planted in a pot, and they should be protected from the frost till the pots are well filled with roots, when they may be set on the shelves of the greenhouse, and watered regularly, and they will flower well. They will grow well in the open air, planted from five to six inches deep, and covered with dry litter in winter. Finest mixed, 75c. per doz.

GRAPE HYACINTHS.

These are very pretty spring-flowering plants, well adapted for pot or border culture.

Muscari Botryoides (Grape Hyacinth). Blue. Each, 10c.; doz., \$1.00.	
Muscari Monstrosum (Feathered Hyacinth). Purple blue. Each, 10c.; doz., \$1.00.	

IRIS.

Very beautiful flowering bulbs, which are deserving of more extended cultivation; their rich and varied colors of blue, violet, purple, lilac, white and yellow, render them attractive. The bulbs should be planted early, as they do not keep well out of ground.

Iris. Finest mixed English. Each, 5c.; doz., 50c.	
" " Spanish. Each, 5c.; doz., 50c.	
" Pavonia (Peacock Iris). Each, 10c.; doz., \$1.00.	

JONQUILS.

Pretty yellow flowers, varieties of the Narcissus, having a most agreeable fragrance. They are cultivated in pots, or the

open ground; the bulbs being small, four or five may be planted in a five-inch pot.

Large Double. Sweet-scented.....	Each. 25c.
Single. Sweet-scented.....	10c.

OXALIS.

A class of highly interesting plants, particularly adapted to pot culture, being of neat, dwarf habit and compact growth; pot in light, porous soil, and protect from frosts.

Oxalis. In named varieties. Each, 10c.; doz., \$1.00.	
" White. Each, 10c.; doz., \$1.00.	
" Fine mixed. Each, 5c.; doz., 50c.	

RANUNCULUS.

The flowers of this class are of the most brilliant hues. They should be planted from October to December, in rows, in a moist soil, with the claws downward. To protect from severe frost, cover with hay, tan, or leaf mold.

Ranunculus. Double Persian, finest mixed. Per doz., 60c.	
" Turban, " " Per doz., 60c.	

SCILLAS.

Very early spring-flowering bulbs, of dwarf habit, from six to eight inches in height, with drooping, bell-shaped blossoms. They are quite hardy and easily cultivated. Very suitable for growing in pots.

Scilla Amœna. Fine blue. Per doz., 75c.	
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SPECIAL BULBS FOR FORCING
FOR WINTER FLOWERS.

Free by mail on receipt of price, except when quoted by the hundred.

Supplied in September, October and November.

EARLY WHITE ROMAN HYACINTHS.

For the benefit of those who have never grown the Roman Hyacinth, we would state that the essential points of culture are identical with that of the ordinary Hyacinth, that is, it must be kept cool after being potted, and until the pots have become filled with roots it must not be forced. The Roman Hyacinths may be potted after October 1st, and succession lots should be potted every two or three weeks, if wanted during the winter months—those potted by October 1st, will, by being plunged to the rim of the pot in a cool place, have formed roots by middle of November, and if then started and grown in a night temperature in the greenhouse of 55 or 60 degrees, will begin bloom about Christmas or New Year. As the Roman Hyacinth is small in size, a four or five inch pot will be large enough for each bulb. Each bulb will average about two flowers each. Its pearly whiteness and delicious odor makes it indispensable in all fine floral work.

Extra Selected Bulbs, \$1.50 per dozen; \$3.00 per 100.

LILIUM CANDIDUM.

Supplied in October and November.

First quality, single flowering. Each, 25c.; per doz., \$2.50.	
" " double flowering. Each, 40c.; per doz., \$4.00.	

LILIUM LONGIFLORUM

Supplied in October and November.

First quality. Each, 15c.; per doz., \$1.50; per 100, \$10.00.	
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LILY OF THE VALLEY.

The failures which attend the winter-flowering of this plant are mainly owing to the use of improperly developed roots. As with other similar plants, a certain size or development of the crown, or underground bud, is essential to produce the flower. As in forcing the Hyacinth, and other similar bulbs, crowns of the Lily of the Valley should be covered up outside for a few weeks before being brought into the greenhouse or house to force. Those we flower are put in about the middle of November, packed closely together in light, rich soil, in boxes, three inches deep. These are covered up outside with hay, until the first of January; they are then brought into a greenhouse facing north, where there is no direct sunlight at that season. The temperature is kept about 70 degrees with a moist atmosphere, and by the first of February they are in full flower.

Large Pips. (Ready in November.) These should not be confounded with the "single eyes" usually sold. They are larger, stronger, and in every way more certain to flower. Price, per doz., 50c.; per 100, \$3.50.

Strong, large (Imported) clumps. Each, 60c.; per doz., \$6.00.

PAPER WHITE NARCISSUS.

Supplied in September, October and November.

A valuable variety of Narcissus for winter forcing; each bulb will produce an average of three spikes each, bearing from 10 to 15 flowers.

Per doz., 75c.; per 100, \$5.00.

Fertilizers and Insect Destroyers.

PURE BONE FLOUR.

This Bone Flour that we offer is absolutely pure, and if used to fertilize House Plants, when mixed with the soil in potting, should be used at the rate of one part Bone Flour to fifty parts soil; or when used for Fruit, Flower, or Vegetable crops, in the open ground, it should be sown about as thickly as sand or sawdust is strewn on a floor—it must then be thoroughly mixed in through the soil to a depth of 8 or 10 inches. When used in hills for Tomatoes, Melons, Cucumber, Corn, etc., it should first be mixed with leaf mold from the woods, street sweepings, or common garden soil, at the rate of about one bushel of Bone Flour to three bushels of either of the others; and about one pint of this mixture, well mixed through the "hill," will be amply sufficient to give an excellent crop of any fruit or vegetable in general use. When wanted for Lawns, it should be compounded in the same way, and sown about as thickly as sanding a floor, and a rapid growth and rich verdure will quickly be seen.

Price, for 5 lb. package, 50 cents. Price, for 10 lb. package, 80 cents. Price, for 25 lb. package, \$1.50.

Quantities of 50 and 100 lbs. and over, at 5 cents per lb.

PURE GROUND MEAL.

A particularly good quality, coarser in appearance than the Bone Flour offered above, but, like it, it is also perfectly pure.

\$2.50 per 100 lbs., or \$42.00 per ton of 2000 lbs.

GROUND BONE.

We offer a very fine article for \$35.00 per ton, or a sample barrel of about 250 lbs. for \$5.00.

THE BLOOD AND BONE FERTILIZER.

This is manufactured entirely from the blood and bones of the animals slaughtered at the immense Abattoirs near Jersey City, N. J. This district is close to the largest market gardens in the vicinity of New York. These gardens are owned by men whose knowledge and experience in the matter of fertilizers are equal to any in the country, and all, without exception, testify to its great superiority over every other fertilizer tried. This unanimous approval is undoubtedly from the fact that the article manufactured is pure blood and bone—nothing more. That it will be to the interest of the Company to make it continuously so, there is no doubt. They are located in the midst of hundreds of men who, if the article is purely made, will be profitable buyers, while if adulteration was attempted, in the hands of such "experts" it would be at once detected.

We offer it in quantities to suit large or small buyers, at the following reduced rate:

Price, 100 lbs. to 500 lbs., \$4.00 per 100 lbs. Delivered in New York.

Price, 500 lbs. to 1000 lbs., \$3.00 per 100 lbs. Delivered in New York.

Price, 2000 lbs., or 1 ton, \$2.75 per 100 lbs. Delivered in New York.

PERUVIAN GUANO.

Guano is one of the best and most powerful stimulants for plants and growing crops. One pound of Guano to twenty gallons of water will be sufficiently strong for a single watering, each week, and more efficient than repeated waterings with weaker solutions. Price, for 2 lb. box, 25 cents; for 5 lb. box, 50 cents; per bag of about 160 lbs., 5 cents per lb.

SULPHUR (Flowers of.)

Sulphur is now considered indispensable in all greenhouse and grapery work, it is perhaps best applied by the Sulphur Bellows, which now come very reasonable in price.

15c. per lb., or 10 lbs. for \$1.00.

SULPHUR BELLOWES.

This is a simple bellows used to blow the "flowers of sulphur," just alluded to, on Roses and other plants subject to mildew. In our own greenhouses we have had one in use for the past two seasons, and by blowing the sulphur on the leaves once a week, as a *preventive*, we have not had a speck of mildew either on our Roses or Grape Vines, both of which we grow in large numbers under glass. Price, \$2.00 each.

WHITE HELLEBORE POWDER.

Largely used for destroying rose bugs, caterpillars and worms that infest flowering and fruit plants out of doors. 50c. per lb.

WHALE-OIL SOAP.

Excellent for destroying and preventing insects on plants, vines, etc.;

2 lb. packages, 35c.; 5 lb. box, 80c.; 10 lb. box, \$1.50.

GISHURST COMPOUND.

An English Preparation, highly recommended for preventing and destroying *Red Spiders, Mealy Bug, Thrip, Green and Brown Fly, etc.*; also for winter dressing, and washing walls, frames and sashes of greenhouses.

Price, per box, \$1.00.

JACQUES' SAPO TABACUM, OR TOBACCO SOAP.

A universal remedy for the pests of gardens and nurseries, etc. The most convenient and cheap specific for the destruction of insects, parasites, and their eggs, infesting plants.

Price, 50c. per lb.; 5 lbs. for \$2.00.

TOBACCO DUST.

Per lb. 10c.

HORACE'S TOBACCO AND HELLEBORE INSECTICIDE.

IN PATENT BELLOWES BOX.

For Rose Bugs and other Plant Infesting Insects.

The best article of the kind we have seen.

The box forms a durable bellows, which enables the insecticide to be very efficiently applied.

Price, 25 cents each; \$2.50 per dozen.

Garden Tools and Implements.

Each.
Ames' Cast Steel Shovels..... \$1.50
Ames' Cast Steel Spades..... 1.50
Draw Hoes..... 75c.
Prong Hoes..... 1.00
Hexamer's Prong Hoe..... 1.50
Cultivator Hoe. 5 in., 65c.; 6 in., 75c.; 7 in..... 85c.
Combined Hoe and Rake. 3-prong, 60c.; 4-prong 70c.; 6-prong, 80c.

English Scuffle Hoes.
 6 in., 65c.; 7 in., 70c.; 8 in., 75c.;
 10 in., 85c.; 12 in., \$1.10.

Grass Edging Knives.

8 in., \$1.50; 9 in., \$1.75; 10 in., \$2.00.

Steel Rakes. 6 teeth, 50c.; 8 teeth, 60c.; 10 teeth, 70c.;

12 teeth, 80c.; 14 teeth, 90c.; 16 teeth, \$1.00. Each.

Digging Forks. Flat tine, 4-prong..... \$1.50

" " " 5 "..... 1.75

Manure Forks. Round tine, 4-prong, \$1.50; round tine,

5-prong, \$1.75; long handle, 4-prong, \$1.50;

long-handle, 5-prong, \$2.00

Sheep Shears.
 For trimming grass plots, etc.
 \$1.50 and \$2.00 each.

Garden Trowels. 6 in., 25c.; 7 in., 30c.; 8 in., 40c.; Eng-
 lish manufacture, 6 in., \$1.00; 7 in., \$1.25; 8 in., \$1.50.

Sickle or Grass Hooks.

[(Imported.) Riveted Backs.
 60c., 70c., and 90c.

Bill Hooks. No. 1, \$1.50; No. 2, \$1.75.

Claw Hatchets. 1st size, \$1.00; 2d size, \$1.10; 3d size, \$1.35.

**English Lawn Scythes, Sorby's
 Riveted.**

30 in., \$1.30; 32 in., \$1.40; 34 in., \$1.50; 36 in., \$1.60; 38 in.,
 \$1.75; 40 in., \$1.85.

Scythe Stones..... 25c. **Scythe Snaths**..... \$1.00

Pruning Saws. 14 in., 75c.; 16 in., \$1.00; 18 in., \$1.15; 20
 in., \$1.25.

Hedge Shears.

Each.

8 in..... \$2.00

9 in..... 2.25

10 in..... 2.50

With notch, 25c. extra.

Wiss' Hand Pruning Shears.

No. 1, \$2.25; No. 2, \$2.00; No. 4, \$1.60.

Asparagus Knife.

This is the simplest and most effective implement of the kind
 we have yet seen. Price, \$2.00 each.

Border or Grass Edging Shears.

(See Cut.)

8 in., \$2.50 each; 9 in., \$2.75 each; 10 in.,
 \$3.00 each. With wheel, 50c. extra.

**Branch Pruning or Lopping
 Shears.**

No. 1, \$3.25; No. 2, \$3.50.

1.

2.

3.

Pruning Scissors. 4 in., 90c.; 6 in.,
 \$1.10; 7 in., \$1.25. (See Cut No. 1.)

Vine Scissors. For thinning out grapes,
 etc. 6 in., \$1.00; 7 in., \$1.25. (See Cut
 No. 2.)

Flower Gathering Scissors. For
 cutting and holding flowers, grapes,
 etc. 6 in., \$1.75; 7 in., \$2.00. (See Cut
 No. 3.)

Excelsior Weeding Hook.

An implement that can be used to advantage among small
 and tender plants. It will work well among rows of plants, or
 in any place where freedom from weeds is desired. It removes
 the weeds with far greater rapidity than in the usual manner,
 without injuring the plants, and is in all respects one of the
 best implements ever offered for this purpose. Price, 25c. each.

This is a con-
 venient, cheap,
 and useful little
 implement for
 clearing away
 weeds, working
 between plants,
 dressing pots,
 and other small
 work, where a
 large hoe could not easily be used. Price, 40c. each.

Noyes' Hand Weeder.

Ladies' and Children's Garden Tools.

A very useful set of implements, consisting of a Spade, Fork,
 Rake and Hoe. They are made of the best steel, handsomely
 finished, and are not toy-tools at all, but made for service. The
 tools are about ten inches in length.

No. 1, extra polished, \$1.25 per set; No. 2, painted and polished,
 \$1.00 per set.

These sets of tools can be sent by mail by adding 15 cents for
 postage.

WATERS' IMPROVED TREE PRUNER.

The following are some of its advantages:

1st. The peculiar construction of the hook that encircles the limb, the support of the blade being upon both sides, which is very important, allowing the blade to be made very thin, thereby reducing the resistance of the wood, and making an easier and smoother cut than any other device.

2d. The knife being connected by a rod, the pole may be of any desired length, thus requiring no ladder or climbing.

3d. The small space required for working the knife, allows it to be used among close, dense branches, where great difficulty is found in using the old-fashioned shears.

For pruning Raspberry, Blackberry and Rose Bushes, it has proved peculiarly serviceable.

For removing worms' nests, and thinning out fruits, it is very desirable and can be used as a fruit picker.

Length of pole, 4 feet.	Weight 2½ lbs.	\$2 00
" " " 6 "	" 2¾ "	2 25
" " " 8 "	" 3½ "	2 50
" " " 10 "	" 4½ "	2 75
Extra Knives, each.		30
Extra Knives, per dozen.		3 50

BRYANT'S IMPROVED PLANT PROTECTOR.

The uses of the Plant Protectors are three-fold:—First, against insects; second, against early frosts; third, against the cold winds so fatal to tender plants when first set out. Tomatoes, Egg Plants, Cucumbers, Melons, and all vegetables of a tender nature, can be forwarded, and more safely grown by the use of these Protectors; also all tender flowering plants, and the more delicate of annual flower seeds, can be raised by being covered with them.

Price, \$1.75 per dozen.

HOT BED SASH.

Strongly made; size 3 x 6 feet, with oak bar, unpainted and unglazed, \$1.25 each.

GLAZING TOOL, FOR CUTTING AND SETTING GLASS.

We have several of these Glass Cutters in use at our Greenhouses, and do not hesitate to say that for all practical purposes, they are fully as effective as the expensive glazier's diamonds costing \$6 and \$8 each, with the further advantage of being more easily used in inexperienced hands.

By mail, 30 cents each.

IMPROVED BRASS GARDEN SYRINGES, OF THE VERY BEST QUALITY.

Length of Barrel, 14 in.; diam., 1½.

Length of Barrel, 13½ in.; diam., 1½.

Length of Barrel, 18 in.; diameter, 1½.

Length of Barrel, 18 in.; diameter, 1½.

Length of Barrel, 19 in.; diameter, 1½.

small perforations to stop up with any sediment that may be in the water. By a simple mechanical appliance the motion is given to the water instead of the Sprinkler. It is portable, No. 1 weighing only 8 ounces; No. 2 only 5 pounds. No. 1 by express at expense of purchaser, \$1.00; by mail, prepaid, \$1.25. No. 2, \$2.50 each. Sent only by express at expense of purchaser.

WATERING POTS.

Strongly Made, and neatly Painted and Japanned.

Price, 3 quart size, 60c.; 6 quart size, 75c.; 10 quart size, \$1.25; 12 quart size, \$1.75; 16 quart size, \$2.00.

FRENCH WATERING POTS.

1 gallon size, \$2.00 each. 2 gallon size, \$2.75 each.

HOSE REEL.

No. 1, Holding 50 ft. of Hose, \$3.50. No. 2, Holding 100 ft. of Hose, \$4.50.

RUBBER HOSE.

Best 3-ply, suitable for hydrants, force pumps, or garden engines.

Inside diameter, ¾ in.; 1 in.; 1½ in.
This Hose comes in 25 and 50 foot lengths.

COUPLINGS, 25 cents extra.
PRICES ON APPLICATION.

No. AA. Small Syringe, polished for use on plants in sitting-room or parlor.	Each. \$1 25
No. 00. Unpolished, one spray rose, adapted for throwing whale oil soap, liquid tobacco, etc.	3 00
No. 2. Ladies' Syringe, small size, with three roses.	4 00
No. 4. A splendid Syringe, large size, with one stream and three spray roses, which are placed, when not in use, in the handle of the Syringe.	6 50
No. 5. Best conical valve Syringe, large size, with one stream and two spray roses.	7 00
No. 7. Same as No. 5, having a knuckle-joint turning in all directions, for washing the under surface of the leaves, cleaning them from insects, etc.	9 00

HALL'S PATENT HOSE MENDER.

We have a number of these Hose Menders in constant use at our Greenhouses, and from our own experience can pronounce it the most perfect and most simple thing we have ever seen for mending Rubber Hose. To mend a Hose, cut it off smooth at the break, insert the ends of the mender in the two parts of the Hose made by cutting, and turn the Hose, as far as possible, on to the coupling.

Price, Hose Menders for ½ inch Hose, 10c. each; \$1.00 per doz.	
" " " ¾ " " " 10c. " 1.00 "	
" " " 1 " " " 15c. " 1.25 "	

ACME LAWN SPRINKLER AND FOUNTAIN.

A most effective and simple Lawn Sprinkler, and which, with the usual force of water furnished by water works, will sprinkle a space from thirty to forty feet in diameter, possessing the great advantage of breaking the water into fine particles and distributing it evenly upon the surface it covers. It has no working parts to wear out, nor

Acme Lawn Sprinkler.

SEED DRILLS AND CULTIVATORS.

MONITOR SEED DRILL.

A light, strong and durable Seed Drill, made wholly of metal for which the manufacturers claim the following advantages: that—

It measures and drops the seeds with a positive motion. It can be regulated to drop any desired number of seeds per foot or yard with the greatest exactness.

It leaves the seed with great uniformity, and perfectly free from blank spaces and bunches; points attained by no other machine.

It is impossible to waste seed.

It opens the ground, drops the seed, covers and rolls it, and marks the next row to be sown at the same time.

Having two driving wheels, it has a tendency to go perfectly straight, making the rows parallel, and of any width required, the wheels being adjustable on the axle.

The coverer and drill are also adjustable, adapting it to any soil.

It will sow all varieties of seed, and is especially adapted to onion, carrot, beet, turnip, and all other garden seeds.

\$10.00 each.

MATTHEWS' GARDEN SEED DRILL.

This Drill is designed to be used in either field or garden, and is one of the most perfect machines of its kind. When in operation, it opens the furrow, drops the seed accurately at the desired depth, covers it and lightly rolls it, and at the same time marks the next row, all of which is done with mechanical precision, by simply propelling the drill forward. In this way it sows with an evenness and rapidity impossible for the most skillful hand to do, all the different varieties of Beet, Carrot, Onion, Turnip, Parsnip, Sage, Spinach, Sorghum, Peas, Beans, Broom Corn, Fodder Corn, etc.

The agitator stirs the seeds in the hopper thoroughly by a positive motion, which insures continuous and uniform delivery, and the bottom of the hopper is made sufficiently dishing to sow the smallest quantity of seed. A simple contrivance accurately gauges the uniform deposit of the seed to any required depth, thus avoiding the risk of planting at irregular depths, or so deep in places as to destroy the seed. The markers are made adjustable for the purpose of marking the rows at any desired distance apart, and they mark them distinctly, whether the ground is even or uneven.

Another great advantage which it possesses over any other machine is that it is the only drill which has an INDICATOR with the names of different seeds thereon. This indicator is devised to simplify the adjustment for sowing different varieties of seeds. It is securely attached to the side of the hopper, in plain sight, and is made use of for changing from sowing one kind of seed to another by simply turning it until the name of the seed to be planted comes up to the indicator-pin, which revolves the dial, attached to the bottom of the hopper, until the right sized hole in it for planting that seed comes directly into place. This ingenious invention is a great improvement over any other method in use, and is much more convenient and reliable. Price, \$13.00, boxed.

MATTHEWS' HAND CULTIVATOR

is one of the most useful implements in use for weeding between row crops, and for flat cultivation generally. It is thoroughly constructed throughout, very durable and easy to operate. A boy can do as much with it as six men with hoes. It spreads from 6 to 14 inches, and will cut all the ground covered, even when spread to its greatest extent. Its teeth are of a new and improved pattern, and thoroughly pulverize and mellow the soil. The depth of cultivating may be accurately gauged by raising or lowering the wheels, which is quickly done by the use of one thumbcrew. Price, \$6.50 each.

PLANET, JR. SEED DRILLS AND WHEEL HOES.

The manufacturers of these well known Drills announce that for 1880 they have added several new and ingenious features to their machines.

THE COMBINED SEED DRILL, WHEEL HOE, WHEEL PLOW AND CULTIVATOR

Cut No. 1.

is a favorite machine. The sowing parts, operating on the same principle which has made the Planet Drills so famous, are this year altered only in a slight modification of construction. (See Cut No. 1.)

Added to the Drill are the following cultivating attachments, each of which will do its work perfectly.

A WHEEL PLOW, with which the whole garden can be plowed preparatory to planting, then the furrows for potatoes, beans, corn or manure can be opened and covered, and finally the crops tended as thoroughly as with a horse hoe or cultivator.

Cut No. 2.

A WHEEL HOE, with steels, with which both sides of row can be tended when plants are small, and which can be reversed and used between the rows at the later tendings. They can be changed to throw from the row when desired, and when used either way throws so light a furrow as not to injure the smallest plants.

A CULTIVATOR, capable of working from one to three inches deep, to be used either between the rows or on both sides of them.

Price, \$14.00.

THE PLANET JR. NO. 2 DRILL.

(See Cut No. 2.)

The seed is sown from a cylindrical brass seed-reservoir, which is directly between the wheels and revolving with them, having eleven diamond-shaped holes, back of which are shields or reservoirs, so arranged that they prevent discharge except at the instant the seed reaches the bottom. This insures regular sowing, whether the drill contains much or little seed and until it is entirely exhausted.

In the Planet Jr. Drills, the opening plow being directly between the wheels, works just at the depth it is set, WITHOUT ANY CARE ON THE PART OF THE OPERATOR.

THE COVERING IS DONE in the most perfect manner BY THE RIMS OF THE CARRYING WHEELS, upon which the dirt is first thrown by the plow, and from which, as the wheels revolve, it is continually returned exactly on top of the seed, WITH REGULARITY AND CERTAINTY.

Price, \$12.00.

LAWN MOWERS.

Full Descriptive Circulars sent on application.

THE NEW CHARTER OAK.			
10 inch cut.....	\$13 00 each.	15 inch cut.....	\$20 00 each.
13 " "	16 00 " "	18 " "	25 00 " "
THE PHILADELPHIA.			
10 inch cut.....	\$14 00 each.	16 inch cut.....	\$22 00 each.
12 " "	18 00 " "	18 " "	24 00 " "
14 " "	20 00 " "	20 " "	26 00 " "

TRELLISES FOR POT PLANTS.

The Trellises are very ornamental, and are used for training plants, vines, etc., either when grown in pots or in the open ground. They are made wholly of wood, painted green, are very light, retain their shape better, and come much cheaper than those made of wire.

Fan Trellis.

2 ft. Verandah.

Arch Top Ivy.

2 ft. Cross.

No. 00.

18 in. Fan, 20c. each; 24 in., 8 1/2 in. wide, 24 in. high. 14 in. wide, 24 in. high. 15 1/2 in. wide, 24 in. high. 20 in. Stick, 8 in. wide.
25c. each; 30 in., 30c. each. 45c. each. \$1.00 each. 45c. each. 10c. each.

THERMOMETERS.

Japaned Tin Cases. 7 in., 50c.; 8 in., 75c.; 10 in., \$1.00; 12 in., \$1.50 each.

Self Registering Minimum. \$2.50 each.

Self Registering Minimum and Maximum. Per pair, \$6.00.

WOLFF'S MARKING INK PENCILS.

Black, Blue, or Red. The cheapest made for producing an indelible mark upon wood labels for garden purposes. 20c. each.

GRAFTING WAX.

In 1 lb., 1/2 lb., and 1/4 lb. packages.....40c. per lb.; 15c. per 1/4 lb.

TYING MATERIALS.

Cuba Bast.....\$1.00 per lb. | Bass Bark.....30c. per lb. | Raphia.....\$1.25 per lb.

ARCHANGEL MATS.

Size 5 ft. by 9 ft.....\$1.00 each.

PLANT AND TREE LABELS.

Per 100.			Per 1000.		
Garden and Pot Labels, 4 in. long.....	15c.	\$1 09	Garden and Pot Labels, 8 in. long.....	60c.	\$5 00
" " " " 5 " "	20c.	1 25	" " or Nursery 12 " "	75c.	6 00
" " " " 6 " "	30c.	2 00	Tree Labels, notched or pierced, 4 in.....	20c.	1 25

PLANT STICKS.

	Round Sticks, Painted Green, with White Tops.		Square Sticks, Painted Green.	
	Per Doz.	Per 100.	Per Doz.	Per 100.
Two feet long.....	\$ 60	\$ 4 00	\$ 40	\$ 2 50
Three " "	80	6 00	60	4 00
Four " "	1 00	7 50	70	5 00
Five " "	1 25	9 00	80	6 00
Six " "	1 50	10 00	1 10	8 00

PLANT STAKES.

THE NEATEST PLANT STAKE.

	Each.	Dozen.	
5 ft. long X 5/8 in. dia.....	12c.	\$1 25	\$9 00
4 ft. X 5/8 in. "	10c.	1 00	7 50
3 1/2 ft. X 5/8 in. "	8c.	80	6 00
3 ft. X 1/2 in. "	6c.	65	5 00
2 1/2 ft. X 7/16 in. "	5c.	50	4 00
2 ft. X 3/8 in. "	4c.	35	2 50
1 1/2 ft. X 5/16 in. "	2c.	20	1 50

Made for supporting frail plants, such as Fuchsias, Carnations, Tuberoses, etc. They are round, taper to the top, and are painted green.

GARDEN WHEELBARROW.

Our Garden Wheelbarrows are substantially made, with hard-wood frames, strong, hand-made wheels, and iron axle boxes.

Price, No. 1, \$4.50; No. 2, \$6.00; No. 3, \$6.50; No. 4, \$7.00.

Lines. 75 feet, 40c.; 150 feet, 75c.

Garden Reels. Small, 75c.; large, \$1.25.

Dibbers. For planting Cabbage, Cauliflower, and other plants. 50c.

Grafting Knives. 50c.

Triangular Hoes. Used also for tree scrapers. 5 in., 50c.; 6 in., 60c.; 7 in., 75c.

No. 1.

HYACINTH GLASSES.

No. 1. BELGIAN.

Blue.....	25 cents each, \$2.50 per dozen.
Green.....	" " " "
Purple.....	" " " "
Clear Glass.....	" " " "

No. 2. TYE'S PATTERN.

Blue.....	25 cents each, \$2.50 per dozen.
Green.....	" " " "
Purple.....	" " " "
Clear Glass.....	" " " "

No. 2.

CROCUS POTS.

Hedgehog Pattern.	Gray, light and dark brown.....	\$1 00 each.
Beehive Pattern.	Gray, light and dark brown.....	1 00 "
"	Decorated with gold and silver bees.....	1 25 "

EARTHEN WARE HANGING POTS.

Hanging Pot, (rustic scalloped.) Prices, including Chains, 7 inch, 70c. each; 8 inch, 85c. each; 9 inch, \$1.00 each.
Rustic Bulb Pot. 3½ by 6½ inches, 70c. each.
Rustic Hanging Log. Prices, including Chains, 7 inch, 80c.; 8 inch, 90c.; 9 inch, \$1.00.

PRUNING AND BUDDING KNIVES, (Saynor & Cookes.)

PLEASE ORDER BY NUMBER AS ABOVE.

No. 1.....	Price, \$1 50 each.	No. 6.....	Price, \$2 00 each.
" 2.....	" 1 50 "	" 7.....	" 2 00 "
" 3.....	" 1 50 "	" 8.....	" 1 50 "
" 4.....	" 2 00 "	" 9.....	" 1 25 "
" 5.....	" 2 00 "	" 10.....	" 1 25 "

NEW BELLOWS SYRINGE.

A French invention for showering plants with insect-killing liquids, or clear water, operating the same way as the well-known perfume sprinkler of the drug stores. The liquid to be used is put into the brass globe and the bellows worked; a fine spray issues in such a stream that it is easy to reach every part of the plant and cover it with whatever insect-killing liquid may be desirable. One great advantage of this apparatus is its economy. In the ordinary methods of treating plants with liquid insecticides, a very large share is wasted, while with this only so much as is needed to just moisten the leaves and stems need be used. Carbolic Soap, and other preparations of Carbolic Acid, Sulphur, Whale Oil Soap, Tobacco Water, or whatever may be found useful against any particular insect, may be employed.
 Price, \$3.50 each.

ZINC TAGS.

These Zinc Tags are an advantage over ordinary wooden labels, as they will last for years, and can be used repeatedly. The writing on the Tags is done with the prepared ink (which, however, contains nothing injurious), and the action of the weather has no effect on it, and it can only be obliterated by the use of emery paper, which accompanies each box.

Sold in boxes containing four dozen Tags (one dozen each of four sizes), and three dozen wires, with pen and bottle of ink and emery paper.
 Price 75c. If by mail, \$1.00.

MERRIMAN'S RAT AND MOLE TRAP.

This has been pronounced by those who have examined and tested its merits, to be the most ingenious and practical article of the kind ever brought before the public. It is just the thing that has long been needed by those who are annoyed by those troublesome pests—ground moles and rats.
 Price, \$1.00.

RUSTIC HANGING BASKETS.

STRONGLY MADE AND WITH DEEP BOWLS.

Diameter.	Each.	Diameter.	Each.
8 inches.....	\$1 00	11 inches.....	\$1 50.
9½ ".....	1 25	12 ".....	1 65

WIRE HANGING BASKETS.

8 inch.....	Each. .50c.
9 inch.....	.65c.
10 inch.....	.80c.
Rustic Bird Houses.....	Each. \$1 00
Rustic Chairs.....	8 00
Rustic Stands for holding Ferneries.....	3 00
Novelty Revolving Plant Stands, 33 inches wide at broadest part. (With Mat.).....	7 50
Round Wire Stands, (Basket on top), 18 inches in diameter.....	6 50
Oval Wire Stand, 3 feet long.....	6 00
Rustic Stands. Height of Stand, 34 inches; length, 22 inches. Fine roomy Stand.....	5 00

Novelty Plant Stand.

No. 4.

No. 5.

ORNAMENTAL FLOWER POT BRACKETS.

Specially adapted for window gardening. The brackets are movable, so that they may be swung to any position desired. They are strongly made of iron, and tastefully bronzed.

No. 1. Single Bracket, length of arm, 5 in.; tray, 5 in. diam.....	\$0 50 each.
" 2. " " " 7 in.; tray, 5 in. ".....	60 "
" 3. " " New pattern for large flower pots, tray, 6½ in.....	90 "
" 4. Bracket for two pots, 5 and 6½ in. trays.....	1 50 "
" 5. " four pots, 5 and 6½ in. trays.....	2 25 "
Bronzed and verde shelf brackets.....	60 cents per pair.

NEW FLOWER POT BRACKETS.

This new and simple Bracket, while cheap, is simple and strong.

15c. each; \$1.50 per dozen.

EXPANDING POT COVERS.

FOR ORNAMENTING COMMON FLOWER POTS.

PAINTED, IN COLORS.

5 inches high.....	6 cents each.
6 " ".....	8 " "
7 " ".....	10 " "
8 " ".....	14 " "

NEW POT BRACKET.

POLISHED, IN COLORS.

5 inches high.....	13 cents each.	7 inches high.....	20 cents each.
6 " ".....	16 " "	8 " ".....	22 " "

POLISHED, WITH STUD NAILS, IN COLORS.

5 inches high.....	25 cents each.	7 inches high.....	30 cents each.
6 " ".....	28 " "	8 " ".....	35 " "

BOUQUET MATERIALS.

(Plain Bouquet Paper.)

(Fancy Italian Paper.)

(Sent by mail at these prices.)

PLAIN BOUQUET PAPERS.

	Per doz.		Per doz.
4 inches diameter.....	\$0 50	8 inches diameter.....	\$0 90
5 " ".....	60	9 " ".....	1 00
6 " ".....	70	10 " ".....	1 10
7 " ".....	80	12 " ".....	1 20

FANCY ITALIAN BOUQUET PAPERS.

WITH TWELVE POINTS.

5 inches in diameter, in white.....	Per doz.	\$1 25
6 " " ".....	"	1 50
7 " " ".....	"	2 00

SILK FRINGE FOR BRIDAL BOUQUETS.

White, Pink or Blue, deep, \$1.75 per yard.

If by mail, add 1c. per lb. for postage.

Silk Tin Foil. This new Foil is an admirable imitation of silk, and will be found very desirable for use in choice floral work, and does not soil the gloves like the common Foil. 50 cents per lb.

Tin Foil. For bouquet handles and lining wire designs.....Per lb. 35

Bouquet Wire....." 60

Camellia Wire....." 50

Broom Corn. For stemming, free from stems, ready for use....." 50

Tooth Picks. For stemming flowers.....Per box of 2,500 40

ORNAMENTAL GRASS BOUQUETS, IMMORTELLS, Etc.

(All will be sent free by mail, on receipt of price.)

The Ornamental Grass Bouquets are composed of natural grasses, dyed in various colors, and very beautifully arranged. The colors are particularly bright and durable, and the bouquets form beautiful ornaments for filling vases in the parlor or sitting-room, retaining their shape and beauty for several years.

ROUND PYRAMIDAL GRASS BOUQUETS.

(GERMAN.)

	Each.		Each.
14 inches high.....	\$0 50	24 inches high.....	\$1 25
18 " ".....	60	28 " ".....	1 50
22 " ".....	1 00	30 " ".....	2 00

ENGLISH GRASS BOUQUETS.

Small Size.....	\$0 75	Large Size.....	\$1 00
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FEATHER GRASS BOUQUETS.

These Bouquets are composed entirely of Feather Grass (*stipa pennata*), and are exceedingly graceful and beautiful.

18 inches high.....	\$0 60	24 inches high.....	\$2 00
20 " ".....	1 00	28 " ".....	3 00
22 " ".....	1 50		

Feather Grass. Natural color, 30 cents per bunch.

" " Green, yellow, orange, magenta, each in separate colors, 50 cents per bunch.

FRENCH IMMORTELLS.

IN ORIGINAL BUNCHES, AS IMPORTED.

White.....	.65 cents per bunch.	Orange.....	.65 cents per bunch.
Black.....	.65 " "	Magenta.....	.65 " "
Green.....	.65 " "	Lilac.....	.65 " "
Golden Yellow.....	.40 " "	Mixed.....	.65 " "
Blue.....	.65 " "		

Bromus. A beautiful grass, plain.....per bunch, \$0 25

" Dyed in separate colors....." 40

French Green Moss......" 30

California Pampas Grass Plumes. Natural color, 30 cents each, \$3.00 per dozen.
Dyed in yellow, red, purple and green, 50 cents each, \$5.00 per dozen.

OUR SPECIAL LIST OF AGRICULTURAL IMPLEMENTS AND MACHINES.

COMPRISING

PLOWS, of all Kinds,
CULTIVATORS,
HARROWS,
FIELD AND GARDEN ROLLERS,
ROOT AND FEED CUTTERS,
HORSERADISH GRATERS,
HERB GRINDERS, &c.

SENT FREE, ON APPLICATION.

❧ CATALOGUE ❧

OF

PLANTS.

PLEASE READ THIS BEFORE ORDERING.

Use the Order Sheet, as it not only saves us time, but insures the correct filling of orders.

BE CAREFUL TO WRITE YOUR NAME AND ADDRESS IN FULL.

Plants may be safely shipped to all parts of the country

AT ALL SEASONS OF THE YEAR,

As our system of packing is so complete, that although we send out thousands of packages during the coldest days of winter, we rarely have a case injured when sent by express.

ALL PLANTS ARE SENT BY EXPRESS, UNLESS SPECIALLY ORDERED OTHERWISE.

We send plants by mail if desired, but earnestly advise that wherever there is an Express Office, plants should never be sent by mail, as we not only send larger and finer plants when sent by express, but they arrive in better condition, and we always add enough, gratis, to cover express charges.

It will be to the interest of purchasers to leave the selection of varieties to us, as it is difficult to judge of the merits of varieties by descriptions.

We invite attention to the extensive variety of plants offered in this Catalogue, and to a comparison of prices. Our rates, we claim, average *less than half* that of the prices for plants charged by the leading florists of London, Edinburgh, or Paris; a most casual examination will corroborate this assertion. We last season rebuilt the greater part of our Greenhouse establishment, and have largely increased its area, so that we now cover a space of nearly *three acres solid in glass*. This immense extent of greenhouse space enables us to grow all kinds of plants in the best manner and at lower rates than ever before offered. We received last season over 4,000 letters, from every State and Territory in the Union, testifying to the fine condition in which plants are received.

NO CHARGE FOR BOXES, BASKETS, OR PACKING.

Orders from unknown correspondents, unless accompanied by a remittance, or satisfactory reference, will be sent by express, C. O. D. We make no deviation from this rule.

Remittances made by Draft or Post Office Order, at our risk.

PREMIUMS.

All customers who purchase goods from THIS CATALOGUE to the extent of \$10.00 and upwards (in one order), will be sent their choice of any one of our three books, "Gardening for Profit," "Gardening for Pleasure," or "Practical Floriculture," without extra charge; but it is understood that the book wanted must be selected *at the time of ordering*. When the book is not wanted the value will be sent in extra plants.

Plants and Seeds may be sent in the same package when desired, thereby saving additional express charges, but the orders should be made out on *separate* order sheets.

Persons wishing to examine stock should call at our Seed Store, 35 Cortlandt Street, New York, where a card with directions will be given to reach the Greenhouses at Jersey City Heights. Time from Seed Store, 30 minutes by steam cars, or 40 minutes by horse cars. I may here say, that parties wishing to see me personally, will find me at the greenhouses until 12 M., and at my office in New York from 1:30 to 3 P. M.

PETER HENDERSON,

35 Cortlandt St., New York.

New or Rare Plants.

ABUTILON, "Arthur Belsnam."

An erect grower. Flowers very large; color dark crimson.
75 cents each; \$6.00 per dozen.

ABUTILON, "August Rossold."

A low grower, with showy yellow leaves, speckled with green.

50 cents each; \$4.50 per dozen.

ABUTILON, "John Hopkins."

Flowers bright canary yellow, of large size, similar in habit to Boule de Neige, and blooming as freely as that variety.

50 cents each; \$4.50 per dozen.

ABUTILON ROSÆFLORA.

A free growing variety with parasol-shaped flowers of a fine rose color.

50 cents each; \$4.50 per dozen.

ABUTILON, "Rob. George."

A strong growing variety with large salmon-colored flowers, veined crimson.

50 cents each; \$4.50 per dozen.

ABUTILON, "Snowstorm."

Pure white, of dwarf habit. A great improvement on "Boule de Neige."

50 cents each; \$4.50 per dozen. Set, 6 sorts, \$2.50.

ACTINIDIA SPECIES.

From seeds received from Japan. A hardy climbing plant, very attractive when in fruit, in fall and winter months.

30 cents each; \$3.00 per dozen.

AGERATUM, "John Douglas."

Deep mazarine blue, compact habit, profuse bloomer.

30 cents each; 3.00 per dozen.

AGERATUM, NEW WHITE, "Blanche."

We have at last a pure white Ageratum, which will prove very desirable for cut flowers, both in winter and in summer.

30 cents each; \$3.00 per dozen.

ALLAMANDA NERIFOLIA.

A compact-growing greenhouse shrub, having large, trumpet-shaped bright yellow flowers, which are borne in great profusion nearly the entire season.

75 cents each; \$6.00 per dozen.

ALTERNANTHERA, "Amœna Spectabilis."

The color of this is like that of Amœna, though brighter, pink, rose and yellow predominating. Its principal merit is its very compact style of growth, making it the most desirable of all varieties for ribbon planting.

30 cents each; \$3.00 per dozen.

ALYSSUM, DOUBLE WHITE.

Similar in every way to the Sweet Alyssum, but with double flowers. Valuable for cut flowers at all seasons.

30 cents each; \$3.00 per dozen.

AMARYLLIS.

Amaryllis Johnsonii.....	\$1 00
" Greviana.....	1 00
" Atamisco.....	20
Set of 3 for \$2.00.	

AMPELOPSIS BIPINNATA.

A finely marked cut-leaved variety of the "Virginia Creeper," equally hardy and entirely distinct, making a novel and valuable plant for covering walls or trees; color of autumn foliage, crimson, scarlet and yellow, &c.

50 cents each; \$4.50 per dozen.

ANTIGONEN LEPTOPHUS.

A very beautiful climbing plant from Central Mexico, covered with rich, dark, peach-colored flowers from August till January; flowers in racemes from 2 to 3 feet long. Suitable for either greenhouse or parlor. Very scarce.

\$1.00 each.

ANTHERICUM REPENS VITATUM VAR.

Beautifully variegated with white and green stripes; one of the best plants for hanging-baskets.

50 cents each; \$4.50 per dozen.

ARALIA LEPEDOPHYLLA.

A hard-wooded greenhouse shrub, stems spotted. One of the most graceful of this beautiful class.

\$2.00 each, for large plants.

AQUILEGIA CHRYSANTHA.

From the Rocky Mountains. One of the finest of our perennial plants, and perfectly hardy. Its large, golden-yellow, long-spurred flowers are produced in great abundance in summer. It is a strong growing species, forming a bushy plant 3½ feet in height.

30 cents each; \$3.00 per dozen.

BAMBUSA VARIEGATA.

A variety of Bamboo, variegated, white and green. It does not grow more than 6 inches high, so it fills in nicely in Wardian cases.

50 cents each; \$4.50 per dozen.

BARLERIA CRISTATA.

A pretty little stove evergreen plant, bearing a profusion of purplish-lilac flowers.

50 cents each; \$4.50 per dozen.

BEGONIA GLAUCOPHYLLA SCANDENS.

A drooping or creeping species, with large panicles of orange-salmon flowers; grown in hanging baskets, it is one of the most beautiful plants in cultivation.

1st size, 60 cents each; \$6.00 per dozen. 2d size, 30 cents each; \$3.00 per dozen.

BEGONIA INGRAMII.

One of the best winter flowering varieties; flowers reddish carmine. The leaves are edged with bronze, giving the plant a very novel appearance.

30 cents each; \$3.00 per dozen.

BEGONIA MINIATA

A fine, graceful shaped plant with bright orange-scarlet, coral-like flowers; the best of the class for winter flowering.

50 cents each; \$4.50 per dozen.

BEGONIA PALMATA.

An ornamental leaved variety, peculiar for its palm-shaped leaves

50 cents each, \$4.50 per dozen.

BEGONIA RUBRA

Is one of the finest acquisitions to our winter flowering plants; the leaves are of the darkest green, the colors of the flowers scarlet rose, glossy, and wax-like. This peculiarity is so marked that when plants are placed singly in a room, the glossy appearance of the leaves and flowers gives the impression that they are artificial rather than natural.

1st size, \$1.00 each; \$9.00 per dozen. 2d size, 50 cents each; \$4.50 per dozen. 3d size, 30 cents each; \$3.00 per dozen.

BEGONIA SUBPELTATUM NIGRICANS.

Leaves rich shade of crimson—entirely unique in character—excellent for a centre plant for baskets or vases; flowers bluish white; always scarce.

50 cents each; \$4.50 per dozen.

BEGONIA WASHINGTONIANA.

A new winter flowering variety, with glossy leaves and immense panicles of pure white flowers—a very desirable novelty for winter flowers.

50 cents each; \$4.50 per dozen. Set of 7 varieties, \$3.00.

BEGONIA REX.

We offer 12 distinct new varieties, all of the most approved types, selected from, probably, the finest collection in this country.

75 cents each; \$6.00 for set of 12. 2d size, half-price.

BEGONIA (Tuberous Rooted.)

A comparatively new section of this beautiful tribe; flowers ranging through all the shades of crimson, scarlet, rose, orange, etc. They require the same treatment as the fancy-leaved *Caladiums*, *Gloxiniads*, etc.—that is, the tubers are dried off in winter and started again in spring

60 cents each; \$6.00 per dozen.

BIGNONIA CAPREOLATA.

A very attractive species. Bright scarlet-orange flowers, is perfectly hardy, and is one of the best rapid-growing vines we have.

50 cents each, \$4.50 per dozen.

BLETIA TANKERVILLÆ.

A terrestrial orchid of easy culture, the flowers of which, as in all the orchid family, are of great beauty. They are borne in spikes, on stems about 18 inches high; the color of the flower is white, marked with brown; but a mere description can hardly convey any adequate idea of their elegance.

\$1.00 each; \$9.00 per dozen

BOUVARDIA ROSALINDA.

A new variety. Flowers light rose color, like *Lady Hyslop* but larger and finer in all its parts.

50 cents each; \$4.50 per dozen

NEW WHITE BOUVARDIAS.

Bouvardia Humboldtii. Flowers of purest white, one inch in diameter, borne on long footstalk, in loose, graceful panicles, blooming from October to June. Rich Jessamine fragrance.

Bouvardia Candidissima. Individual flowers, smaller than the preceding, but trusses larger. Both are exceedingly desirable, and great acquisitions to our winter flowering plants.

1st size, \$1.00 each; \$9.00 per dozen. 2d size, 50 cents each; \$4.50 per dozen. 3d size, 30 cents each, \$3.00 per dozen.

BOUVARDIA SANGUINEA.

BOUVARDIA SANGUINEA.

An entirely new variety, for the first time offered for sale, and of which we have purchased the entire stock. It is equally profuse in blooming as the old sorts. Color crimson vermillion. Truss compact. (See *Cut.*)

75 cents each; \$6.00 per dozen.

1st size, set of four varieties Bouvardia, \$3.00.

2d size, " " " " \$1.50.

CANNA CREOLE. (New.)

The dark-leaved Cannas are much more in demand than the green. This variety is one of the darkest, leaves large, thick and leathery. Grows about 6 feet in height. Flowers rich crimson.

50 cents each, \$4.50 per dozen.

CARLUDOVICA PALMATA,

(Panama Hat Palm.)

Although one of the finest, it is seen in but few collections. Its habit of growth is like the well-known *Latania Bourbonica*.

\$1.00 each.

CARNATION, "Dolly Varden."

This is probably the finest striped variety; color crimson and white. Largely grown around New York for cut flowers.

75 cents each; \$6.00 per dozen

SET OF CARNATIONS.

All things considered, the below-named set cannot be excelled. It contains all the shades of color to be found in the Carnation. We append only short descriptions to each, as they were all fully described in our catalogue of last year,

"**Peter Henderson.**" (See *Special Description*).

"**Dolly Varden.**" (See *Special Description*). 75 cents.

"**Snowdon.**" (See *Special Description*). 50 cents.

"**Avalanche.**" A fine fringed white, very full,

"**Bonnie Doon.**" Bright magenta pink.

"**Charmer.**" A very fine striped variety.

NEW CARNATIONS, (Continued.)

- "Sunset." Orange ground, flaked with crimson.
 "Hinsdale." Purplish lilac, mottled or marbled with white, of the richest clove fragrance.
Vixen. Dazzling scarlet.
Purpurea. A rich shade of purple.
"Vesuvius." Rich, dark scarlet, very fragrant; 3 inches in diameter.
"May Dacre." White, tinged pink, a beautiful shade.
"Snow White," Pure white.
"Miss Joliffe." An entirely new color—a rich shade of blush deepening into rose.
"Sarah Mead." Rose, spotted white.
"Centennial." Pure white, tinted on the outer edge of the petals with carmine.

40 cents each; \$4.00 per dozen, except where noted.

The full collection of 16 New Carnations for \$6.00.

NEW MONTHLY CARNATION,

"Snowdon."

The engraving (on last page of cover) gives an exact representation of this most valuable new Carnation, but reduced to half the natural size. Its merits are that the flowers are of the purest white, borne in unequalled profusion on plants that rarely ever exceed one foot in height. This quality of dwarfness makes it exceedingly valuable, as it can be grown close to the glass on front benches of the greenhouse. As a pot-plant for the parlor, or for market purposes, it has no equal in Carnations. We purchased the entire stock from the raiser, Mr. John Henderson, Flushing, L. I., in September, 1879, for \$500, and it is now for the first time offered for sale.

Stock plants, \$3.00 each.

Strong, well-rooted plants in 3 inch pots, 50 cents each; \$4.50 per dozen; included in set of New Carnations for \$6.00.

MONTHLY CARNATION, "PETER HENDERSON."

MONTHLY CARNATION,

"Peter Henderson."

Nanz & Neuner, of Louisville, Kentucky, have complimented us by naming this Carnation as above. It is one of the freest

winter-flowering varieties; largest size dwarf habit, and pure white." (See Cut.)

50 cents each; \$4.50 per dozen.

CAMPSIDIUM FILICIFOLIUM.

CAMPSIDIUM FILICIFOLIUM.

An elegant climber, of rapid growth, for greenhouse culture, the leaves of which much resemble the fronds of a fern, in miniature, giving it an unusually graceful appearance. It may be grown as a pot-plant, or trained to the rafters. Very desirable. (See Cut.)

60 cents each; \$6.00 per dozen.

CHRYSANTHEMUM, "Late Duchess."

A dense growing variety, of free branching habit; flowering freely from October to February. The flowers are of good shape, from 2 to 3 inches in diameter, pure white. The variety will be found valuable for cutting purposes, as it is in bloom when white flowers are in great demand.

75 cents each; \$6.00 per dozen.

CISTUS LADANIFERUS.)

A hard-wooded greenhouse shrub. The flowers are 2 inches in diameter, of a creamy white color, and shaped like a saucer. The inside of the flower is beautifully dotted with dark maroon spots. Very scarce and rare.

75 cents each; \$6.00 per dozen.

CLEMATIS COCCINEA.

Bright scarlet has been a color hitherto unknown in Clematis, but in this sort we have that color, and it will, no doubt, prove of much interest and value. It is a hardy herbaceous climber, growing 8 feet high.

\$1.00 each; \$9.00 per dozen.

CLITTORIA CERULEA.

A very scarce climbing plant, growing 6 to 10 feet in height, having dense clusters of deep mazarine blue pea-shaped flowers, which are borne in profusion from October to March. Though an old plant, it is exceedingly scarce. The rarity of blue flowers during the winter months makes it most valuable, either for parlor or greenhouse.

50 cents each; \$4.50 per dozen.

COCULUS CAROLINUS.

A strong-growing climbing plant, often ten feet in length, producing racemes of the most vivid scarlet berries, which hang on the vine all winter. It proves hardy everywhere, where the thermometer does not fall 20 degrees above zero. It luxuriates in the warmer Southern States, and is probably one of the most valuable climbing plants in cultivation, when we consider the long period it holds its festoons of coral-like fruit.

50 cents each; \$4.50 per dozen.

TYPE OF NEW COLEUS.

A NEW CLASS OF COLEUS. (See Cut.)

This beautiful family of foliage plants has been steadily increasing the beauty and diversity of its varieties—ever since its introduction; but we have never had such a decided “break” in them as occurred in 1879. The varieties below-named are hybrids of Coleus Multicolor and Chameleon, and, besides show-

ing all the brilliant colors of those fine sorts, seem to have monopolised all the shades of color known in the Coleus.

Burning Bush. Tinted carmine, orange and crimson.

Cloth of Gold. Golden yellow, compact grower.

Firefly. Yellow, lilac, green and crimson, mottled.

Glory of Autumn. Deep crimson bronze, margined gold.

Lord Oxford. Carmine, margined deep green.

Meteor. Carmine ground, margined gold.

Mrs. Wm. Barr. Centre rose color, margined green and brown.

Mrs. Shuster. Yellow; centre light rose.

Spotted Gem. Yellow ground, regularly blotched crimson, green and orange. (See Cut.)

Starlight. Splashed carmine and crimson on a yellow ground.

Sunbeam. Carmine, orange and yellow.

Zebra. Scarlet, rose, orange and yellow.

Strong, well-rooted plants ready now (January 1st.)

\$1.00 each; \$9.00 for set of 12.

COLEUS, DREERS HYBRIDS.

Of the same class as those described above, but in more extensive variety. We will not have them ready until March 1st, 1880.

Set of 15 Australian, \$1.00 each. \$12.00 per set.

“ 15 large growing, \$1.00 each. \$12.00 per set.

“ 10 dwarf, \$1.00 each. \$8.00 per set.

COLEUS GOLDEN FLEECE.

One of the very best golden varieties, either for bedding out or as a pot-plant.

50 cents each; \$4.50 per dozen.

COLEUS BURKEII.

Very large leaf, of a light yellow color; very beautiful when grown in the house, and it is said that it will stand the sun perfectly in open garden, which will greatly increase its value.

50 cents each; \$4.50 per dozen.

COLEUS, New.

All of the below-named varieties are of the same style as Coleus Fascination—that is, the constituting colors are pink, carmine, rose, green and bronze; for this reason we do not describe each variety, although quite distinct, as it would be impossible to give a description that would bring the distinctive character of each variety before the reader.

Exquisite.

Lord Falmouth.

Fascination.

Kentish Fire.

Garnet.

Novelty.

Geo. Bunyard.

Royalty.

30 cents each; \$3.00 per dozen. \$2.00 per set of 8.

CRAWFORDIA JAPONICA,

(Climbing Gentian).

A hardy, herbaceous, climbing plant, attaining a height of six feet; flowers, deep blue. Offered for the first time last season.

\$1.00 each.

CROTONS

Are plants grown for the beautiful markings of their foliage, which are so varied that it is impossible to describe them. The 6 varieties named are markedly distinct.

Elegans.

Disraeli.

Maxime.

Veitchi.

Multicolor.

Cornutum.

\$1.00 each; \$5.00 for set of 6.

CUPHEA ROEZLLI.

A magnificent plant, growing 2½ feet high, with a profusion of scarlet and yellow flowers 1½ inches in length; excellent for either summer or winter flowering.

50 cents each; \$4.50 per dozen.

CYPREPEDIUM INSIGNE.

(Moccasin or Slipper Flower.)

A Terrestrial Orchid of easy growth. The flowers are green, red and orange.

75 cents each; \$6.00 per dozen.

NEW DAHLIAS.

The below named Dahlias are the finest we have ever offered. They may properly be called "prize varieties," as they took first premium at the New York Horticultural Exhibition in 1878 and 1879. They include all colors and shades of colors to be found in the Dahlia.

Acis. Lilac.

Adeline. Deep rose.

Adonis. Yellow, amber tip, fine.

Adelaide. Blush.

Aurora. Bronze.

Beppo. Amber, earmine tip.

Boabdil. Blood red.

Blanche. Pure white.

Beauty. Blush white, extra fine.

Bride. White-edged purple.

Chameleon. Blush white, flaked purple.

Diana. Shell pink.

Emily. White, tipped lilac.

Fanny. White, striped violet.

Goethe. Dark amber.

Golden Fleece. Primrose yellow, shaded.

Hector. Cherry red.

Ida. Mauve, veined crimson.

John Standish. Vermilion.

Lord Hawke. Orange splashed and striped scarlet.

Laura. Claret.

Leader. Dark purple.

Leopold. Orange, striped crimson.

Lady Paxton. Scarlet, striped yellow.

Mabel. Creamy white; full.

Mrs. Goodwin. Dark maroon.

Miss King. Bright orange, crimson edge.

Nabob. White and crimson.

Noupareil. Canary yellow.

Osiris. Lilac, feathered.

Ovid. Purple.

Pursuit. Velvet maroon.

Prince Arthur. Beautiful dark canary.

Royal Purple. Purple.

Susan Ingram. Deep maroon.

Star of the Morning. Orange scarlet.

Signet. Lilac, crimson striped.

Social. Violet, tipped ruby red.

Striped Lady. Crimson, striped orange.

Topsy. Buff, tinted lilac.

William Penn. Blood orange.

50 cents each; \$4.50 per dozen. Full set of 41 varieties, \$15.00.

DIANTHUS CARYOPHYLLUS, "Grenadin."

A new style of Carnation, entirely hardy, growing only one foot in height. A compact bush, with great profusion of bright scarlet flowers in the style of La Purite.

30 cents each; \$3.00 per dozen.

ERANTHEMUM SANGUINEA.

A yet scarce species; foliage thick and leathery, of a deep crimson-maroon. Leaves glossy—looking as if varnished—making a very attractive plant for decorative purposes.

\$1.00 each; \$9.00 per dozen.

ERANTHEMUM TRICOLOR.

Like the Croton, *Draena*, etc., this plant requires a warm temperature to bring out its beautiful variegations, which run through all the shades of pink, purple and maroon. It has proved most valuable for massing in open ground.

50 cents each; \$4.50 per dozen.

EULALIA JAPONICA ZEBRINA.

Unlike everything else, as will be seen by the engraving, the striping or marking is *across* the leaf, instead of longitudinally. It grows from four to six feet in height, forming a most striking and graceful plant, resembling nothing else that we know of in cultivation. The expanded flower spike resembles the ostrich plume, and will last for years. Plant entirely hardy.

1st size, \$2.00 each. 2d size, \$1.00 each.

EULALIA JAPONICA VAR.

An older variety than the *Eulalia Japonica Zebrina*. Leaves striped white and green, longitudinally. Next to the *Zebrina*, the most ornamental of all hardy grasses. Large plants, \$1.00 each; \$9.00 per dozen. Smaller, 50 cents each; \$4.50 per dozen.

ECHITES NUTANS.

A greenhouse climber. Leaves dark, velvety green, with rose-colored veins, resembling some varieties of the *Fittonia*. 75 cents each; \$6.00 per dozen.

ERANTHEMUM LAXIFLORUM.

A very pretty plant, bearing small purplish-violet blossoms. It flowers very freely, doing equally well if planted in the open ground in summer or grown as a pot-plant inside. 50 cents each; \$4.50 per dozen.

ERANTHEMUM TUBERCOLATA.

A fine hard-wooded plant, with pure white cuphea-shaped flowers, which are delicately perfumed. It is of drooping habit, and is very useful for hanging baskets, etc. 75 cents each; \$6.00 per dozen.

EUPHORBIA COROLLATA.

This is one of the most valuable summer flowering plants. The flowers are pure white, small, and borne in the greatest abundance. It is excellent for bouquets, etc., where it takes the place of the *Bouvardia* in summer, which it somewhat resembles. Perfectly hardy.

30 cents each; \$3.00 per dozen.

EUCHARIS AMAZONICA.

EUCHARIS AMAZONICA.

A lovely hot-house plant, which may be had in bloom almost the entire season, if a moderate supply of plants are had, small plants usually sending up stalks which bear five or six large pure white star-shaped flowers, four inches across, deliciously fragrant. It wants a warm atmosphere with plenty of moisture. The flowers bring, at the holidays, \$50.00 per 100. (*See Cut.*)

1st size, \$2.00 each. 2d size, \$1.00 each.

NEW FUCHSIAS.

This set was selected as the best from a large and splendid collection. It will be noticed that a large proportion of the set have white corollas; this will make them all the more desirable,

as that is a feature always scarce and sought after in Fuchsias.

Earl of Beaconsfield. Large flower, corolla orange and scarlet.

Gem of the West. Bright coral-red tube and sepals; dark, plum-colored corolla.

Jungfrau. Large white corolla; broad, red sepals.

Desideratum. Scarlet tube and sepals, corolla bright violet blue.

Boule de Neige. Large, double white corolla.

Arabella. White tube, rose corolla.

Cannell's Favorite. Tube and sepals pure white, corolla scarlet.

Extraordinary. Bright carmine tube and sepals.

Fred. Neuner. (*See Special Description*). \$1.00 each.

Little Bopeep. Crimson tube and sepals, purple corolla.

Snow Fairy. (*See Special Description*). \$1.00 each.

Bland's New Striped. (*See Special Description*). \$1.00.

Champion of the World. (*See Special Description*). \$1.00.

Kingsburyana. (*See Special Description*). \$1.00.

Vox Populi. Sepals rosy carmine, double white corolla. Very free flowering.

Sunray. Foliage variegated white, pink and green; flowers plum color.

75 cents each, except where noted. Set of 16 sorts for \$9.00.

NEW FUCHSIA—"Bland's New Striped."

"Tube and sepals glowing crimson; single corolla, rich, plum-colored purple, regularly and distinctly striped red and rose."
\$1.00 each; \$9.00 per dozen.

NEW FUCHSIA—"Champion of the World."

The largest flowers of any variety known; tube short, sepals well reflexed and of a beautiful coral red; corolla is of immense size, very double, and as it expands forms two-thirds of a perfect ball of the most intense dark purple.
\$1.00 each; \$9.00 per dozen.

NEW FUCHSIA—"Kingsburyana."

A valuable addition to the double white corolla class; remarkable for its fine vigorous growth and large, showy flowers.
\$1.00 each; 9.00 per dozen.

NEW FUCHSIA—"Fred Neuner."

Growth robust, very free blooming; the flowers, which are borne on strong stems, have shining coral-red calyx and sepals, with pure white, semi-double, globular-shaped flowers. The finest of all the double white corolla sorts.
\$1.00 each; \$9.00 per dozen.

NEW FUCHSIA—"Snow Fairy."

Growth dwarf and compact; the freest blooming of all double white Fuchsias, literally covering itself with its beautiful flowers; calyx and sepals shining red; corolla perfectly double and pure white.
\$1.00 each; \$9.00 per dozen.

STRIPED GERANIUM, "New Life."

By far the finest striped variety. Ground color deep scarlet, striped and blotched with white. It is not, however, constant in its character, as we have found it to run in some plants back to plain scarlet, on others, salmon color, and again on other plants, flowers purely striped, others scarlet, and others salmon, all on the same plant; however, only about one plant in twenty showed this curious freak, all the others were constant in their striped character. (*See Colored Plate*).
75 cents each; \$6.00 per dozen.

GERANIUMS.

(Shown by Colored Plate).

Descriptions of these are unnecessary, as the colored representations are as true to nature in size, shape and coloring as they well can be. They have been selected for this purpose as the very best representatives of their respective classes, having, besides beauty and diversity of color, all the best qualities of Bedding Geraniums—compactness of growth and profusion of flowering.

The 9 single varieties, as shown by colored plate, 75c. each; \$4.50 per set. The 6 double varieties, as shown by colored plate, 75c. each; \$3.00 per set. The full collection, 15 sorts, double and single, \$6.00.

SEEDS.—We offer a large packet, containing seeds of all 9 types of Single Geraniums shown in colored plate, mixed, for \$1.00.

We do not offer seed of the double kinds shown in plate.

GERANIUM, "HAPPY THOUGHT."

GERANIUM, "Happy Thought."

This is still universally admired. A novel style of leaf variation in the Geranium, differing from the ordinary form in having a large yellow blotch in the centre of the leaf, with an outer band of green at the margin. Flowers rich magenta rose; dwarf. A good bedder. The cut is a very good representation of it.

50 cents each; \$4.50 per dozen.

NEW BRONZE GERANIUMS.

There is such a similarity in the general colors of bronze Geraniums that special descriptions can give but little idea of their individual character and good points. We would only say that the below-named kinds are mostly new varieties and are extra fine, containing all the best features of coloring, habit and vigor of growth known in the old varieties.

Chieftain.**Jos. Herkman.****C. P. Peach.****Miss McMahon.****Earl Roslyn.****Pres. McMahon.****W. E. Gumbleton.**

60 cents each; \$6.00 per dozen. Set of 7 sorts for \$3.00.

NEW SINGLE ZONALE GERANIUMS,**Extra Fine.**

The below-named set we are certain will give satisfaction. Although there are now thousands of varieties of Single Geraniums, these are all markedly distinct, being selected to give the greatest variety of color and finest formation of flower.

Darwini. Dark magenta, immense truss.

Eckman Chatrain. Crimson, extra large truss.

Ed. About. Mauve.

Guinea. Orange scarlet.

Mrs. Fenn. Deep rose.

Md. Denny. Solferino, base of petals scarlet.

Pauline Lucca. Pure white.

Rev. Mr. Atkinson. Dazzling scarlet.

Theo. Guigneau. Golden scarlet. A distinct color.

75 cents each; set of 9 sorts for \$4.50.

NEW DOUBLE GERANIUMS.

The improved feature in double, or rather semi-double, Geraniums is selection of dwarf habit and profuse blooming kinds, which makes them equal to the single for bedding, beside the great value of their double flowers for bouquet purposes. This set has been very carefully selected, and are about as near perfection as the Geranium is ever likely to get.

Rural. Beautiful cherry color.

Depute Lafize. Bright crimson.

Henry Bennet. Beautiful salmon.

J. C. Rowland. Light pink.

Lafayette. Deep rose.

Lowage. Dazzling orange scarlet.

Le Dame Blanche. Pure white.

Mons. de Maere. Mauve.

75 cents each; set of 8 for \$4.50.

These full sets of new Double and Single Geraniums, 17 in number, for \$7.50.

IVY GERANIUM, "KING ALBERT."

IVY GERANIUMS.

The Ivy Geraniums are now being used largely as basket and vase plants, and for house plants to train on trellis, either upright or drooping. Few plants are more easy of culture or more attractive; both flowers and foliage are now very varied, and in King Albert (*See Cut*) we have a very fine double rose color.

Golden Harry Hieouver. Leaves golden yellow, crimson zone.

Medina. Lilac-veined carmine.

Dolly Varden. Yellow ground, bronze zone, flowers pink.

Letitia. Flowers white and maroon.

Alice Lee. Leaves orange-yellow, flowers crimson.

Eclipse. Flowers bluish-veined violet.

Florinda. Flowers white-veined crimson.

King Albert. Flowers rose color double (*See Cut*).

30 cents each; or \$2.00 for set of eight.

NEW DOUBLE IVY-LEAVED GERANIUMS.

These were received from the celebrated cultivator Jean Sisley, Lyons, France, too late in the season to flower; he assures us that they are very distinct and fine, ranging through all the shades of crimson, rose, lilac, white, etc.

Ansel T. Simone.	Hebe.
Clio.	Irina.
Elfrida.	La Fiance.
Erfurt.	Pres. Moral.
Feyen Perirr.	Venus.

50 cents each; set of 10 for \$4.50.

GOLDEN TRICOLOR GERANIUM, "Emily."

Very distinct. Partaking of the character of both the bronze and golden tricolor types, having the beautiful markings of the "Mrs. Pollock" stamp and the strong growth of the bronzes.

\$1.00 each; \$9.00 per dozen.

GOLDEN TRICOLOR GERANIUM.

NEW GOLDEN TRICOLOR GERANIUMS.

It is difficult to describe the different leaf-markings of these; suffice it to say that they are marked with yellow, crimson, scarlet and maroon, after the manner of "autumn leaves." These newer kinds are mostly strong growers.

Bed of Gold.	Humming Bird.
Countess of Craven.	Jetty Lacy.
Countess of TricConnell.	Needle Gun.
Emily. (See Special Description).	Queen of Tricolors.
	Rosina Saul.

\$1.00 each. Set of 9 for \$6.00.

GLOXINIAS.

Twelve distinct new varieties, drooping and upright flowers; truly wonderful in their richness of coloring—blue, scarlet, rose, crimson and white.

1st size, 75 cents each; \$7.50 per set. 2d size, 50 cents each; \$4.50 per set.

HOYA CUNNINGHAMII.

This variety has very distinct, smooth, light green leaves. The flowers are similar to the old variety "H. Carnosa," but deeper in color. A rampant grower.

75 cents each; \$7.50 per dozen.

HOYA IMPERIALIS.

A distinct sort, with scarlet flowers. The leaves are dark green, with a shade of yellow blended through them.

75 cents each; \$7.50 per dozen.

HIBISCUS (Rosa Sinensis) LUTEUS Fl. Pl.

The flowers of this variety are of good size, semi-double, and, as in all this family, produce abundantly. They are of a beautiful lemon color, marked with pink at the base; very distinct.

75 cents each; \$7.50 per dozen.

HIBISCUS (Rosa Sinensis) FULGIDUS.

Flowers very large, averaging five inches in diameter, of an intense carmine scarlet, paler towards the centre, where, on each petal, is an oblong blotch of deep crimson. It is one of the finest yet introduced, and is remarkable alike for the size, color and markings of its beautiful flowers.

50 cents each; \$4.50 per dozen.

HIBISCUS (Rosa Sinensis) MINIATUS.

Flowers large, semi-double, brilliant, and attractive; petals waved and recurved. Color, bright vermilion scarlet, darker towards the centre.

50 cents each; \$4.50 per dozen. The three sorts for \$1.50.

GERANIUM, "ECHINATUM."

HYBRID CAPE GERANIUM, "Echinatum."

This class of Geraniums is entirely distinct, but very little known, and few have any idea of their value. They bloom very freely, and are valuable for cut flowers. This species is a representative of the class; the leaves are covered with a white silvery down; flowers pure white; the upper petals feathered with maroon; borne on well-formed trusses; the cut gives a good idea of its character. (See Cut).

\$1.00 each.

NEW HELIOTROPE, "Le Negre."

One of the darkest; fine compact habit, exquisite fragrance. 30 cents each; \$3.00 per dozen.

NEW HELIOTROPE, "B. Pfitzer."

A compact grower. Flowers rather light and of immense size; very desirable.

30 cents each; \$3.00 per dozen.

NEW CLIMBING HYDRANGEA, (*Schizophragma Hydrangeoides*.)

We believe we were the first to offer this valuable climbing plant, either here or in Europe. Mr. Thos. Hogg describes it as clinging to trees to the height of fifty feet, producing corymbs of white flowers of the size of ordinary Hydrangeas. It clings exactly like Ivy, and one can imagine the effect of a wall or tree so covered, while in full bloom. Like all Japan plants of that character, it is entirely hardy.

Louis Boehmer, Esq., of Japan, to whom we are indebted for this sketch, says: "This drawing, which, although it represents the character of the plant, does poor credit to the beauty of the flowers, which are always produced in great masses and are rather hard to sketch."

1st size, \$2.00 each ; \$ 18.00 per dozen.

2d " 1.50 " 12.00 "

3d " 50 " 4.50 "

NEW HELIOTROPE, "Snow Wreath."

The nearest approach to pure white we have yet had in the Heliotrope; truss very large, growth compact, a decided acquisition; exquisite fragrance. We found it last winter most valuable for flowers.

30 cents each; \$3.00 per dozen.

**NEW WHITE HYDRANGEA,
"Thos. Hogg."**

This is the plant shown in our colored plate 2 years ago. It has now been very generally distributed over the entire country. To those who have not yet obtained it, we would say, that the flowers are pure white, often measuring fifteen inches in diameter; the plant, when fully grown, covering a space of six feet in diameter—making it a valuable plant for cemetery decoration or other purposes. It is hardy everywhere, if a slight protection of leaves is given around the roots in winter. We have a large stock, and offer it at the following low rates—all plants that will bloom this season.

1st size,	\$1.50 each;	\$12.00 per dozen.
2d "	50 "	4.50 "
3d "	25 "	2.25 "

HYDRANGEA STELLATA PROLIFERA.

Another new Hydrangea. The bracts or rays are a deep pink, mottled with white. It is hardy, and is entirely distinct. It belongs to the *Hydrangea Japonica* class, but is much superior, and is distinct from that species.

1st size,	\$1.00 each;	\$9.00 per dozen.
2d "	50 "	4.50 "
3d "	25 "	2.25 "

JUSTICIA BICOLOR.

This plant is in bloom nearly all the year. The flowers are star-shaped, white tipped, crimson-maroon, resembling some species of orchids.

50 cents each; \$4.50 per dozen.

NEW GERMAN IVY, (Senecio MacroGLOSSIS.)

A new variety of this popular plant, which will become much more valued than the old sort. It resembles the English Ivy to such a degree that it is often mistaken for it; the leaves have a metallic lustre, the veins and ribs being of a lighter color. It has the same strong, vigorous growth as the common German Ivy, and, for haskets, etc., it is unsurpassed.

30 cents each; \$3.00 per dozen.

NEW VARIEGATED GERMAN IVY.

A variegated form of the common German Ivy (*Senecio Scandens*). The bright green leaves are bordered and marked with creamy white. Very scarce.

75 cents each; \$7.50 per dozen.

IPOMEA NOCTIPHYTON, (Evening Glory.)

A rapid growing plant of the "Morning Glory" family, with pure white, moon-like flowers, six inches in diameter, which open at night. A German Summer Garden in one of our South-western cities had all the arbors covered with this plant, and, when lighted up, it was the attraction of the city. We sold some thousands of it last season, and it invariably has given satisfaction.

30 cents each; \$3.00 per dozen.

JASMINUM, "Duchess D'Orleans."

We have now got this variety in good growing condition. Flowers pure white, similar to a Double Balsam. Deliciously fragrant.

75 cents each; \$6.00 per dozen.

JASMINUM HIRSUTUM.

Naturally a much better grower than the preceding; produces its pure white double flowers in great abundance; very fragrant.

75 cents each; \$6.00 per dozen.

JASMINUM POETICA.

Similar to the Catalonian Jessamine; flowers smaller, but borne on larger spikes. The leaves are larger, and it is a stronger grower. Makes a most valuable climbing plant, though, if desired, it can be grown in bush form.

50 cents each; \$4.50 per dozen.

The 3 new sorts for \$1.50.

IRIS.

JAPAN IRIS.

We offer a set of 12 distinct kinds of these; they are entirely hardy, varying in color through all the shades of lilac, white, yellow and rose—flowers large, resembling and equalling in beauty some of our finest orchids. A most desirable plant (See Cut).

30 cents each; Set of 12, \$3.00.

KLENIA ARTICULATA.

A singular-looking succulent plant, with light glaucous, green leaves, and peculiarly jointed stems.

50 cents each; \$4.50 per dozen.

KALANCHOE ACUTIFOLIA.

A succulent plant, of branching habit; leaves narrow and deeply indented. The stems are tinged with pink and brown. It is one of the most beautiful succulents in our collection.

50 cents each; \$4.50 per dozen.

LEUCOPHYTON BROWNII.

A novel, white-leaved plant; a low, compact grower; one of the very best for edgings; an excellent basket plant also.

30 cents each; \$3.00 per dozen.

LIBONIA PEROHIENSIS.

Flowers are cuphea-shaped, maroon, orange and yellow in color. In winter and spring it is one mass of bloom. Few plants are more attractive.

50 cents each; \$4.50 per dozen.

LAGERSTRÆMIA INDICA REGINA,

(Crape Myrtle.)

A rich carmine flowered variety of vigorous growth, much superior to the original colored variety.

\$1.00 each; \$9.00 per dozen.

LAGERSTRÆMIA INDICA ALBA,
(White Crape Myrtle.)

This pure white variety, introduced some eight years ago, is yet scarce; the flowers are pure white; habit and general characteristics, same as the preceding.

60 cents each; \$6.00 per dozen.

LINUM GRANDIFLORUM.

Rich scarlet, bell-shaped flowers, blooming the entire summer months; plant about 1 foot in height. Not new, but rarely seen in collections.

25 cents each; \$2.25 per dozen.

LYGODIUM SCANDENS,
(Japanese Climbing Fern.)

A Climbing Fern from the East Indies. A most graceful plant, growing from one to fifty feet, as desired. Quite as easy of culture as the Smilax; although climbing, when supported by strings or wires, it can be used, with equal advantage, as a drooping plant, for baskets or vases; as a house plant for the parlor, nothing is more easy of culture.

1st size, 50 cents each; \$4.50 per dozen. 2nd size, half-price.

MARANTA.

MARANTAS, (Newer Sorts.)

The markings of the leaves of some of the newer sorts of these plants are handsome in the extreme; as decorative plants, grown for specimens in the conservatory, they are exceptionally fine, being well adapted for that purpose. We offer six rare and distinct sorts. (See Cut).

\$1.00 each; \$5.00 for set of 6.

MYRTUS COMMUNIS, Fl. Pl.
(Fragrant Leaved Myrtle.)

Flowers white and very double. On large specimens they are produced in great abundance, and make it a very attractive plant. Flowers remain on plant a long time.

25 to 50 cents each.

MEYENIA ERECTA

Is one of the most beautiful greenhouse shrubs in cultivation. The flowers are gloxinia-shaped, and are dark blue, getting lighter towards the centre, with a golden yellow throat. It is in bloom all through the early spring and summer, and is then completely covered with flowers. Leaves dark green; habit of plant, robust and graceful.

75 cents each; \$6.00 per dozen.

MAGNOLIA CONSPICUA.

One of the best, and best known species; deciduous and hardy. Produces its fragrant, creamy white flowers in early spring. We offer a few extra strong pot-grown plants.

\$2.00 each.

OXALIS, (6 distinct sorts).

Excellent for baskets or vases. Colors all shades from white to deep crimson.

25 cents each; \$2.00 per dozen.

DOUBLE WHITE OLEANDER.

The Double White Oleander is quite a scarce plant. The flowers are pure white, double, but, on small plants, are not well developed, and purchasers must therefore not be disappointed if the flowers at first are not perfect.

75 cents each; \$6.00 per dozen.

OLEA FRAGRANS.

A rather scarce greenhouse evergreen, with light yellow flowers of the most delicate fragrance. Hardy in the Southern States. Fine plants.

\$1.00 each.

PANDANUS UTILIS.

PANDANUS UTILIS, (Screw Pine).

So called from the arrangement of the leaves on the stem. It is a beautiful plant, excellently adapted for the centres of vases or baskets, or grown as a single specimen. It is a rather scarce plant; but our stock of it is large, and we offer it low, size of plants considered. No plant is better suited for room culture. (See Cut).

1st size, \$3.00 each; 2d size, \$2.00 each; 3d size, \$1.00 each; 4th size, 50 cents each.

PANDANUS GRAMNIFORMIS.

Has narrow green leaves, borne in whorls, as in Pandanus Utilis. A desirable plant for hanging baskets.

From 50 cents to \$1.00 each.

PANDANUS JAVANICA VAR.

A very showy plant for exhibition. Leaves beautifully variegated, white and green. In 4-inch pots, \$1.00 each.

Large specimens, \$5.00 and \$10.00 each.

PHASEOLUS CARACALLA, (Snail Plant).

An old plant, but scarce. A greenhouse climber, producing flowers which resemble in shape a snail shell. They are white, shaded violet, and have a rich fragrance that is scarcely equalled. It also does well if planted in the open ground in summer.

75 cents each.

PASSIFLORA ALBA.

A greenhouse variety, native of Brazil; flowers white.
50 cents each; \$4.50 per dozen.

PASSIFLORA LOUDONI.

Beautiful purple; distinct foliage.
50 cents each; \$4.50 per dozen.

PASSIFLORA DECASSAINE.

Resembles *Passiflora Alata*, only the flowers are much larger and darker in color; very fine.
50 cents each; \$4.50 per dozen.

PAULINEA THALICTROIDES.

A beautiful greenhouse climber, with fern-like foliage of a decidedly golden shade, resembling in habit somewhat the *Campsidium*, but much superior to that fine plant. Grows much more dense.

75 cents each; \$6.00 per dozen.

PLERONIA MACRANTHA.

A very free-growing plant, giving a continuous profusion of fine saucer-shaped flowers, of a rich violet-blue color. An excellent plant.

50 cents each; \$4.50 per dozen.

NEW SINGLE PETUNIAS, (from Seed.)

The new styles of Single Petunias will be found to be a great advance on those of past years, in size, coloring and substance. We have proved the quality of this seed last fall, and know that a large proportion will prove fine.

15 cents each; \$1.50 per dozen.

NEW DOUBLE PETUNIAS—for 1880.

The following named varieties are of our own raising, selected from several thousand seedlings, and are particularly fine—the finest we have ever seen from any source.

Bonnie Doon. Small flower, purple and white.

Butterfly. White and purple, butterfly-like.

Caroline. Star-shaped, white and crimson.

Colossus. Very large, fringed crimson and white.

Cato. Deep pink.

Ella. Large rose.

Elegans. Large and double, white, with crimson centre.

Imogene. Purplish crimson, fringed white.

Jean. White, shaded rose.

Jewell. Pink and pure white.

Louis. Large carmine.

Magnum. Large, crimson and white.

Maculata. White, spotted rose.

Mrs. William Barr. Pure white, beautifully fringed.

Mrs. Benson. Distinct, crimson and white.

Mrs. Gubbins. Deep rose, shaded white.

Mrs. Robinson. White and purple.

Mrs. Valentine. Very large, blotched crimson and white.

Spangle. Full, light crimson.

Snow White. Star-shaped, white.

Zembla. Fringed, purple.

50 cents each; \$4.50 per dozen. Set of 13 sorts for \$6.00.

PETUNIA NANA COMPACTA.

A most distinct and attractive novelty, for the first time offered last year; it forms a neat bush 8 or 9 inches high, profusely covered with bright cherry-colored flowers with white throat, forming a plant, when in flower, resembling a round bouquet of flowers. It flowers early, and when only 3 inches high, and continues in bloom throughout the season.

30 cents each; \$3.00 per dozen.

PANSIES, NEW FANCY.

We sold seeds and plants of these Pansies to many hundreds of customers last season, and in almost every instance heard from, they gave the highest satisfaction. Pansies are

now being largely used for bedding purposes, vases, etc., and this new and fine type has greatly increased their popularity. Shown by colored plate in 1878.

Plants, 20 cents each, or set of 12 for \$1.50. Seeds, 20 cents per packet; set of 12 packets, \$1.50.

NEW FORCING PINK, "Lord Lyons."

Flowers crimson, laced with rose color, delicately fringed, of large size—2 inches in diameter—and of rich clove fragrance. This variety is now largely grown, both as a pot-plant and for the cut blooms for the Covent Garden Market of London. It is entirely hardy, and is therefore valuable as a hardy border plant, or for forcing purposes in winter.

50 cents each; \$4.50 per dozen.

PYRETHRUM LACINIATUM.

A new cut-leaved variety of the well-known "Golden Feather." Very neat and distinct.

25 cents each; \$2.25 per dozen.

NEW DROOPING FERN, (Polypodium Kurudrianum.)

This species, known as the "Sandwich Island Fern," should be grown in a wire basket in moss; when suspended under the partial shade of a verandah, its elegant fronds droop from 3 to 4 feet, so grown. It received a special premium from the New York Horticultural Society.

75 cents each; \$7.50 per dozen. Small plants, half price.

NEW DOUBLE POINSETTIA, (Poinsettia Pulcherrima Plenissima.)

The single variety of the Poinsettia is known to be one of the most gorgeous of plants, the bracts, or flower leaves, being often over a foot in diameter, and of the most brilliant vermilion color. We grow an area of 3,000 square feet of this plant annually, and the sight it presents when in full bloom at the holidays is worth coming miles to see. The kind above offered is the double variety of this beautiful plant.

The double variety, \$1.00, \$2.00, \$3.00, and \$5.00 each. The single variety we will sell at from 25 cents to \$1.00 each, according to the size.

PHILOXYNE SUAVIS.

PHILOXYNE SUAVIS.

A rapid-growing climber, with small, glossy, green leaves. It does well at all seasons in the house; while out-of-doors, in the summer, it has no equal for shading the verandah or summer-house. Flowers yellowish white, fragrant; an excellent Basket plant. (See Cut.)

25 cents each; \$2.25 per dozen.

NEW ROSE, "Perle de Jardin."

The buds of this Rose are nearly equal to those of Marshal Neil, but as it is a true tea bush Rose and not a climber (having the habit of *Safrona* somewhat), it is more valuable for general purposes; blooming freely when planted out from young plants the first season, which the "Marshal Neil" will never do. Color deep yellow; buds large, full, and finely formed.

1st size, \$1.50 each; 2d size, \$1.00; 3d size, 50 cents.

"NIPHETOS."

TEA ROSE, "Niphetos."

This is the Rose par-excellence. Color of the purest white; large, full, fragrant. It grows dwarf and compact, and flowers in great profusion, nearly every shoot producing a bud. It is now grown almost exclusively as being the best White Tea Rose, either for winter or summer. Ever in bloom, and possessing all the qualities in a Rose. (*See Cut*).

1st size, \$1.00 each; \$9.00 per dozen. 2nd size, 60 cents each; \$6.00 per dozen. 3d size, 30 cents each; \$3.00 per dozen.

SET OF TEA OR MONTHLY ROSES.

Containing the very best of the old and new sorts.

American Banner. (*See special description*). \$1.50 each.

Alba Rosea. Pink and white.

Agrippina. Bright crimson.

Aurora. Light flesh pink.

Belle Allamande. Large, bright pink.

Clement Nabonnand. Rose, lilac and yellow.

Coquette de Lyon. Sulphur yellow.

Devoniensis. Deep blush.

Mad. Rachel. Pure white.

Md. de Devercourt. Light canary.

Niphetos. (*See special description*).

Perfection de Montplasier. Large; bright yellow.

Perle de Jardin. (*See special description*).

Souv. de Malmaison. Beautiful flesh color.

Valle du Chamoix. Golden yellow and copper color.

50 cents each, except where noted. Set of 15 sorts for \$7.50; extra large size, double price.

ROSE, "AMERICAN BANNER."

NEW STRIPED TEA ROSE,**"American Banner"**

The cut hardly gives a fair representation of this novelty, one of the most wonderful, in our opinion, that has ever occurred amongst plants. It originated with Mr. Cartwright, a florist of Dedham, Mass., three years ago, and I purchased the entire stock; so that, until our Catalogue for 1879 was issued, we held the exclusive stock. It originated in a "sport" from Tea Bon Silene, but bears no resemblance to it whatever, except in fragrance, which is identical; the leaves are entirely distinct from any other rose, being small, thick and leathery. That it will remain constant in its striped character I have not the slightest doubt. We have had plants of all sizes budded, and on their own roots, growing in all conditions; and every flower, without exception, has held exactly to the marking shown in the Cut. It is of an exceedingly free-blooming character, every shoot producing a bud, whether planted in the open ground or grown for winter flowers. (*See Cut*).

1st size, \$3.00 each; \$30.00 per dozen.

2d " 2.00 " 18.00 "

3d " 1.50 " 12.00 "

SALVIA, "Mrs. Stevens."

This is identical with the well-known "Scarlet Sage," except the color, which is deep crimson, making a fine contrast with the intense scarlet of the old sort. A truly valuable acquisition.

50 cents each; \$4.50 per dozen.

SALVIA BETHELII.

A compact grower. It flowers very profusely; color bright rosy pink, tipped with white. A distinct novelty in this well-known class.

75 cents each; \$6.00 per dozen.

SALVIA MARMORATA NANA.

SALVIA MARMORATA NANA.

A neat, dwarf grower, flowers evenly marbled scarlet and white, Very distinct and fine. (See Cut).

30 cents each; \$3.00 per dozen. Set of 3 sorts for \$1.00.

SELAGINELLA CÆSEII ARBOREA.

One of the most beautiful of the upright-growing mosses; fronds light green, the upper surface being a bright steel-blue, shading to bronze in different lights—a remarkable plant.

75 cents each; \$6.00 per dozen.

SPIREA PALMATA.

One of the finest of hardy herbaceous plants; flowers bright rose, borne on large panicles, resembling a plume of ostrich feathers.

50 cents each; \$4.50 per dozen.

STEPHONOTIS FLORIBUNDA.

A grand old vine, with pure white, deliciously fragrant flowers, which are borne in clusters like a Bouvardia, but of much heavier and wax-like texture. Fine for cut flowers.

75 cents each; \$6.00 per dozen.

THUNBERGIA HARRISI.

A rapid-growing climbing plant—an excellent vine for covering trellises, etc., in summer. The flowers are tubular in form, two inches in length, bright porcelain blue, with a yellow throat. A free-blooming plant of great merit.

50 cents each; \$4.50 per dozen.

THALICTRUM AQUILEGIFOLIUM.

A graceful, hardy, herbaceous plant, with foliage like the Columbine, and purple flowers.

75 cents each; \$6.00 per dozen.

TORENIA FOURNIERI.

One of the prettiest plants for baskets or vases. Flowers are violet-blue, Gloxinia-shaped, with yellow throat. Completely covered all summer with bloom.

30 cents each; \$3.00 per dozen.

TORENIA BAILLONIA.

A new and entirely distinct variety, equally valuable as the preceding flowers; dark maroon, tipped golden yellow.

30 cents each; \$3.00 per dozen.

TABERNÆMONTANA CORONARIA, Fl. Pl.

A greenhouse shrub, with abundance of double white flowers, one inch in diameter, somewhat resembling the Tuberose, but with Jessamine fragrance.

75 cents each; \$6.00 per dozen.

TIGRIDIA GRANDIFLORA, (Shell Flower.)

A rather scarce variety of this most beautiful bulb; the flowers are tulip-like, crimson and orange spotted, blooming continually from June to October.

30 cents each; \$3.00 per dozen.

TECOMA JASMINOIDES.

In style of growth this somewhat resembles some of the Jasminums, though belonging to an entirely different family. Its flowers are tubular-shaped, white, with a beautiful pink throat. It is naturally a climber, but can be grown in bush-form by keeping it well cut back; does well either in the sitting-room or greenhouse, or bedded out in summer.

50 cents each; \$4.50 per dozen.

TRITOMA GRANDIFLORA.

TRITOMA GRANDIFLORA MAJOR,

(Red Hot Poker Plant.)

We this season offer a greatly improved variety. The spikes are a foot in length, and three inches in diameter, of the brightest shades of orange and scarlet; plants certain to flower. (See Cut).

1st size, 50 cents each; \$4.50 per dozen.

2d " 30 " " 3.00

NEW VERBENAS for 1880.

Verbenas have been one of our specialties for many years. The eighteen below described were picked out as the best of several thousand, and is one of the finest sets we have sent out for some time.

Avenger. Crimson; white eye.

Aurora. Delicate rose.

Clio. Pure white.

Daybreak. Blush white.

Miss Ramsay. Beautiful pink.

Miss Seddons. Light maroon; large; white eye.

Mrs. Langtry. Indigo blue.

Naomi. Bright cherry-red; white eye.

Octavia. Beautiful claret; very large.

Perfection. The finest pink.

Raccoon. Violet purple.

Red Bank. Red; white eye.

Red Jack. Flaming scarlet; extra.

NEW VERBENAS, (Continued.)**Royalty.** Rich purple.**Rambler.** Large; clear pink.**Tunis.** Striped; crimson and white.**Uncas.** Purple; white eye.**Zebra.** White, flaked scarlet.

30 cents each; \$3.00 per dozen. Set of 18 sorts for \$4.50.

VIOLET, "Belle de Chatenay."

Flowers double and imbricated. Color white, sometimes tinged purple.

30 cents each; \$3.00 per dozen.

VIOLET VICTORIA REGINA.

A single flowering violet, with dark purple flowers, very large, measuring 1½ inches across. Exceedingly fragrant. It is a vigorous grower, an abundant bloomer, and perfectly hardy. The best single variety for florists' use.

30 cents each; \$3.00 per dozen.

WISTARIA SINENSIS ALBA.

Flowers borne in long, drooping clusters, as in the other varieties; pure white in color, making a most striking and elegant contrast.

75 cents each; \$7.50 per dozen.

YUCCA ALOIFOLIA.

An ornamental tropical plant, with long, pointed spines of a dark green color.

50 cents each; \$4.00 per dozen.

YUCCA ALOIFOLIA VAR.

Same habit as the preceding, but with the addition of having the green leaves beautifully variegated white. We offer a few splendid specimens of this rare and valuable plant.

\$5.00, \$10.00 to \$20.00 each. Small, \$1.00 each.

GENERAL COLLECTION.

ABUTILON.**ABUTILON.**

Greenhouse shrubs growing from two to six feet in height; flowers pendulous, bell-shaped; blooming in abundance during the winter and spring months; now much used for flowering in winter.

Arthur Belsnam. (See *Novelties*.) 75 cents.**August Rossold.** (See *Novelties*.) 50 cents each.**Duc de Malakoff.** Flowers crimson-veined.**" " Var.** 50 cents.**Darwinii.** Bell-shaped; light maroon.**John Hopkins.** (See *Novelties*.) 50 cents each.**Mesopotamicum.** Flowers scarlet and yellow.**Mesopotamicum Var.** Leaves variegated.**Mad. Beranger.** Yellow and scarlet.**Rosæflora.** (See *Novelties*.) 50 cents each.**Robt. George.** (See *Novelties*.) 50 cents each.**Snow Storm.** (See *Novelties*.) 50 cents each.**Santana.** Flowers brownish crimson.**Thompsonii.** Leaves mottled, golden yellow.**Boule de Neige.** White. (See *Cut*.) 25 cents each.

25 cents each; \$2.25 per dozen, except where noted. 15 sorts for \$4.50.

AUCUBA JAPONICA VARIEGATA.

A half-hardy Evergreen Shrub, with rich, glossy, green leaves, with golden yellow spots; hardy south of Washington; well fitted for centres of vases or baskets in shaded places in summer.

30 cents each; \$3.00 per dozen.

ACALYPHA TRICOLOR.

A very handsome plant, the foliage of which is irregularly mottled and blotched with crimson and scarlet.

30 cents each.

ACHYRANTHES.

Bright-leaved plants, used largely in ribbon gardening and massing, for which they are admirably adapted from their easy culture, standing the hottest summer weather, and keeping their bright-hued tints until destroyed by frost.

Aurea Reticulata. Leaves bright green, marked with a network of bright yellow.**Cæseii.** Much larger than the preceding. 30 cents each.**Emersonii.** Maroon, changing to pink. 30 cents each.**Gilsonii.** Leaves carmine; stems a rich shade of pink.**Hoveyii.** Carmine, blotched bronze. 30 cents each.**Lindenii.** Deep blood-red, changing to crimson; leaves lanceolate.**Lindenii Aurea Reticulata.** Willow-shaped leaves, light green, netted with yellow.

25 cents each; \$2.25 per dozen, except where noted. Set of eight for \$1.50.

AGAVES, (Century Plants).

These plants are excellent as vase plants, or, when too large for that purpose, make striking ornaments for the lawn. The commoner sorts are well known, but we now offer six distinct and scarce sorts, most of them very unique. They can all be grown in the open ground, and can be wintered in a dry cellar or under the bench of a greenhouse, when there is want of room; but they are well worthy of a place in the parlor or conservatory when room can be spared.

1st size, \$2.00 each; \$10.50 for a set of six sorts.

2d " 1.00 " 4.50 " " "

3d " .50 " 2.50 " " "

AGAVE AMERICANA VAR.

The well-known var-leaved Century Plant; grown in pots during summer or in the open border, they may be wintered over under the stage of the greenhouse or in a warm cellar; keep rather dry.

50 cents to \$1.50 each; \$4.50 to \$12.00 per dozen.

AMARANTHUS.

(READY MAY 15TH.)

Nothing can compare with these during summer and fall for the rich effects produced by the unusually bright and handsome coloring of their foliage; they are largely grown in masses or in ribbon lines. They are tender annuals, and should not be planted out till May 15th. They are of no use, except for this purpose, and are seldom grown as pot-plants.

Tricolor Giganteus. Scarlet, crimson and yellow.**Bicolor Ruber.** Scarlet-crimson.

15 cents each; \$1.50 per dozen.

AGERATUM.

Old garden favorites, blooming continually through the summer months, and making excellent winter-blooming plants; for this reason they are peculiarly adapted for bouquets, baskets of cut flowers, etc.; of the easiest culture.

Blanche. Pure white. (*See Novelties.*) Price, 30 cents.

White Tom Thumb. Six inches in height, profusely covered with bluish-white flowers.

Blue Tom Thumb. Habit the same as the preceding, with flowers of a beautiful porcelain blue.

Imperial Dwarf. A variety of "A. Mexicanum," which it resembles; flowers blue.

John Douglas. Best blue. (*See Novelties.*) 30 cents each.

Mexicanum. Flowers light blue.

Mexicanum Var. Leaves variegated with creamy white; flowers blue; very desirable.

Prince Alfred. A newer variety; habit medium, with flowers of a delicate lilac shade.

25 cents each; \$2.25 per dozen, except where noted. Set of eight sorts for \$1.50.

ABELIA RUPESTRIS.

A neat little shrub from China. It is evergreen, and the rosy-white flowers come in clusters at the ends of the branches; flowers in fall and winter; delicately perfumed.

25 cents each; \$2.25 per dozen.

AJUGA REPTANS.

An old herbaceous plant that the modern style of massing in colored foliage has brought into notice. Its leaves are a dark chocolate color—almost black.

25 cents each; \$2.25 per dozen.

AKEBIA QUINATA.

A beautiful, hardy, evergreen climber, attaining a height of twenty feet; flowers dark brown, and deliciously fragrant. One of the most valuable climbing plants.

30 cents each; \$3.00 per dozen.

ALTERNANTHERA.

Plants with beautiful variegated foliage, growing about twelve inches in diameter, and six inches in height, used principally for ribbon lines, borders, etc.; the leaves are tinted, bordered, blotched, margined, and variegated in almost every conceivable form, with the brightest colors—bright carmine and crimson tints prevailing.

Amœna Spectabilis. (*See Novelties.*) 30 cents.

Amœna. Leaves yellow, brown and rose.

Latifolia. Broad, smooth, autumn-tinted leaves.

Magnifica. Leaves yellow, scarlet and green.

Parychoides. Leaves green, crimson and straw-color.

Parychoides Major. Leaves carmine, yellow and green.

Spathulata. Leaves tinted carmine and green.

Versicolor. Leaves tinted rose and crimson.

25 cents each; \$2.25 per dozen, except where noted. Set of 8 sorts for \$1.50.

ALLAMANDA HENDERSONII.

A valuable greenhouse plant, having large, deep, yellow flowers, four inches in diameter. It can be trained to climb, or can be grown in bush form, as desired. It blooms nearly the entire season.

30 cents each; \$3.00 per dozen.

ALTHEA FRUTEX VAR.

Variegated-leaved "Rose of Sharon.")

A variegated-leaved variety of this popular shrub, with the leaves distinctly margined with pure white.

1st size, \$1.00 each. 2d size, 30 cents each; \$3.00 per dozen.

ALOYSIA CITRIODORA, (Lemon Verbena.)

A well-known shrub, indispensable for the delightful fragrance of its leaves in the construction of bouquets, etc.

15 to 25 cents each.

AMPELOPSIS VEITCHII, (A. Tricuspidata.)

A miniature variety of the Virginia Creeper; the young growth during summer is a dark purple, changing in fall to the brightest tints of scarlet, crimson and orange. It clings to stonework, trees, etc., and is a splendid plant for covering unsightly objects; it attains a height of fifty feet. Every year adds to the popularity of this plant as a climber.

30 cents each; \$3.00 per dozen.

AMPELOPSIS TRICOLOR.

A variety, the young growth of which is elegantly variegated with white, pink and green; a perfectly hardy variety, growing to the tops of the highest trees.

30 cents each; \$3.00 per dozen.

AMPELOPSIS QUINQUEFOLIA.

This is the well-known Virginia Creeper, found in many parts of the country. It is a fast grower, of strong habit; leaves splendidly variegated in the fall.

25 cents each; \$2.25 per dozen.

AMPELOPSIS BIPINNATA.

(*See special description in Novelties.*)

Price 50 cents each. Set of 4 sorts, \$1.00.

ANTIRRHINUM, (Snap Dragon.)

We offer this year an unusually fine lot of Antirrhinums, seedlings from seeds saved from the finest and most beautiful flaked, mottled, and striped varieties in cultivation.

15 cents each; \$1.50 per dozen.

ARDISIA CRENULATA.

A greenhouse shrub, with dark, evergreen leaves, bearing clusters of bright red berries, which remain on the plant a long time; very ornamental.

1st size, 75 cents each; \$7.50 per dozen.
2d " 30 " " 3.00 "

ARISTOLOCHIA SIPHO, (Dutchman's Pipe.)

More commonly known as "Dutchman's Pipe," the name being derived from the curious formation of the flowers, which are not unlike the bowl of an old-fashioned pipe; a climber; perfectly hardy; growing thirty feet in height.

50 cents each; \$4.50 per dozen.

AQUILEGIA.

AQUILEGIA.

Very showy, hardy, perennial plants, blooming in early summer.

Arctica. Reddish yellow.

Cardinalis. Scarlet.

Chrysantha. (*See Novelties.*) 75 cents each.

Formosa. Red and orange.

Glandulosa. White and blue; large.

Rubra. fl. pl. Double red.

Skinneri. Red and green.

30 cents each; \$3.00 per dozen, except where noted. \$2.00 for set of seven.

AURICULA.

The old-fashioned English Dusty Miller; an early spring-blooming plant of the Primrose order; flowering very abundantly; flowers of various shades of yellow, crimson, maroon. Of exquisite fragrance.

30 cents each; \$3.00 per dozen.

ARTEMISIA ARGENTEA.

A finely-cut, silvery-leaved plant, the leaves having an agreeable odor. Well adapted for baskets.

25 cents each; \$2.25 per dozen.

ARTEMISIA STELLARIANA.

An old plant, which has been brought into cultivation now—in consequence of the great demand for plants with white foliage—for hanging baskets, ribbon lines, etc. The foliage is of the silvery shade of the *Centaureas*.

25 cents each; \$2.25 per dozen; \$15.00 per hundred.

ASPIDISTRA LURIDA.

Curious plants, remarkable for producing their flowers under the surface of the earth. The leaves are six inches long, about two inches wide, and of a bright green; well adapted for Wardian cases, ferneries, etc.

30 cents each; \$3.00 per dozen.

ASTILBE JAPONICA.

ASTILBE JAPONICA, (Spirea Japonica.)

One of the finest of hardy garden plants; when in flower, it is about one foot in height. The flowers are borne in branching feathery spikes of purest white. It is used extensively for forcing for flowers by the bouquet makers. (See *Cut.*)

1st size, 50 cents; \$4.50 per dozen. 2d size, 30 cents each; \$3.00 per dozen.

ASCLEPIAS CURASSAVICA.

A very ornamental plant for summer decoration, blooming from July to November, growing about three feet in height, the stem terminated with heads of yellow and scarlet flowers.

30 cents each; \$3.00 per dozen.

AZALEA INDICA.

Of this we have twenty-five of the leading sorts and fine plants. The varieties are so numerous that descriptions convey but little idea of what they are.

1st size, large plants of the newer sorts, 75 cents each; \$7.50 per dozen.

2d size, medium size, 50 cents each; \$4.50 per dozen.

3d size, 3 inch pots, 25 cents each; \$2.25 per dozen.

Per set of twenty-five, 1st size, \$12.00. 2d size, set of twenty-five, \$7.50. 3d size, per set of twenty-five, \$4.50.

AZALEA INDICA ALBA.

The large, pure white, single variety. This is a most appropriate plant for cemetery decoration. There are shrubs of it in the Greenwood Cemetery, of Brooklyn, L. I., six feet high by six feet in diameter; they have stood hardy there for a dozen

years. When in bloom in spring and early summer, they present a perfect sheet of white.

1st size, 75 cents each; \$7.50 per dozen. 2d size, 50 cents each; \$4.50 per dozen.

AZALEA, "Flag of Truce" (Double.)

One of the most beautiful of all the *Double Azaleas*. Flowers snow white, 2 inches in diameter, growth compact and symmetrical; one of the most valuable plants for use in bouquets, etc., in winter.

1st size, fine plants, \$2.00 each.

2d " " " 1.00 "

3d " " " 50 "

ARMERIA MARITIMA.

ARMERIA MARITIMA, (Sea Pink.)

This is the well-known "Sea Pink." It is perfectly hardy—does well in all situations; flowers bright pink, very useful for bouquets. Flowers through the spring and summer. (See *Cut.*)

30 cents each; \$3.00 per dozen.

BOUVARDIA, "Lady Hyslop."

This variety is now one of our standard winter-blooming sorts, of free, vigorous growth, resembling "Elegans," with flowers of a light rose color.

30 cents each; \$3.00 per dozen.

BOUVARDIAS—In variety.

These are now among the most important plants cultivated for winter flowers, owing to the yearly increasing variety of color, and excellent adaptation for that purpose. They are also effective as bedding plants for the flower-garden, beginning to bloom in August, and continuing until frost. They require considerable heat—an average of 70 degrees.

Elegans. Bright carmine.

Humboldtii. (See *Novelties.*) Price, 50 cents each.

Leiantha. Dark, dazzling scarlet.

Rosalinda. (See *Novelties.*) 50 cents each.

Davidsonii. White; fine form.

Lady Hyslop. (See *Special Description.*)

Candidissima. (See *Novelties.*) Price, 50 cents each.

Sanguinea. (See *Novelties.*) 75 cents each.

30 cents each; \$3.00 per dozen, except where noted. Set of eight sorts for \$2.50.

BEGONIA.

Plants adapting themselves to a variety of uses; are used for planting in the garden for summer decorations, or as pot-plants, or for forcing for cut flowers; are very easily grown, but require heat—an average of 65 degrees at night during winter is necessary. The flowers are beautiful, drooping in graceful panicles, of various colors, as given below. They are largely used in the construction of bouquets, etc., by florists.

Alba. Flowers pure white; produced very freely.

Argyrostigma Veitchii. Flowers pink, leaves spotted white.

Carnea. Flowers bright carmine.

Degswelliana. Flowers bright scarlet.

Foliosa. White, with neat, drooping foliage.

Fuchsoides Alba. Flowers pure white.

Hybrida Multiflora. Small, ornamental leaves, rosy-pink flowers.

Nitida. Flowers light flesh color.

Nitida Alba. Flowers white.

Richardsonii. Flowers white, leaves very finely divided.

Rubra. 50 cents each. (See *Novelties.*)

Sanguinea. Upper surface of leaves olive color, under side crimson. 50 cents.

Saundersonii. Flowers bright scarlet-crimson.

Subpeltatum Nigricans. Large ornamental leaves; flowers produced very freely.

Weltoniensis. Flowers rich shade of pink.

Weltoniensis Alba. Flowers white.

30 cents each; \$3.00 per dozen, except where noted. Set of 16 sorts, \$3.00.

BEGONIA REX—Ornamental-Leaved.

Grown for the beauty of the foliage. The leaves are large, variegated, and margined with a peculiar silvery metallic gloss. Are only used for pot-plants, or in Wardian cases, ferneries, etc., being too tender to stand our summer sun.

1st size, 50 cents each; \$4.50 per dozen.
2d " 30 " 3.00 "

(For newer sorts and tuberous-rooted varieties, see *Novelties*.)

BIGNONIA GRANDIFLORA, (Trumpet Creeper.)

The well-known "Trumpet Creeper," a rapid-growing, hardy, climbing vine, covered during the latter part of summer and fall with masses of bright orange-scarlet flowers; very showy. It is excellent for hiding old fences or other unsightly objects.

30 cents each; \$3.00 per dozen.

BALSAMS—Double.

(READY MAY 15TH)

We offer a strain of these, double and symmetrical in form as a Camellia. These very double Balsams are used more than anything else for the making up of bouquets or other cut flower work in summer. We offer three sorts: **Pure White; White, Striped Scarlet, and White, Mottled Crimson.**

15 cents each; \$1.50 per dozen. Seeds, 25 cents per packet.

CLEMATIS—Newer Sorts.

Recently, the improvements made both in the size and colorings of the Clematis have been very decided and marked, and we have now a wide range of color, varying from white to dark blue and velvety purple. It is perfectly hardy, of rapid growth, attaining a height of twenty feet, and blooming during the greater part of summer and fall. The effect produced by a well-grown plant, when in bloom, is grand. We offer twelve of the best distinct sorts, of later introduction.

50 cents each; \$4.50 per set of twelve.

CLEMATIS FLAMULA, (Fragrant Virgin's Bower.)

This is an old and well-known species, entirely distinct from the above; flowers pure white, deliciously fragrant. The plants attain a height of twenty feet, and when trained on trellis work, and in full bloom, look like a mass of snow. The odor is perceptible at a distance of 200 yards. Hardy.

30 cents each; \$3.00 per dozen.

CALLA ETHIOPICA, ("Lily of the Nile.")

A fine house plant. It requires an abundance of water during the growing season, and should have a period of rest during May and June, by turning the pots on their sides in some shady place.

30 cents each; \$3.00 per dozen. Large plants, 60 cents each; \$6.00 per dozen.

CALLA ETHIOPICA NANA, (Dwarf Ethiopian Lily.)

A dwarf variety, smaller in all its parts than the original. In this respect it is more desirable, being more convenient to handle than the large-growing variety.

50 cents each; \$4.50 per dozen.

CALYCANTHUS FLORIDUS, (Strawberry Shrub.)

A hardy shrub, growing five or six feet in height, with dark brown flowers, with a delicious odor, resembling somewhat that of strawberries or apples. Large plants.

50 cents each; \$4.50 per dozen.

CALADIUM ESCULENTUM.

A tropical plant of the well-known family of Caladium, growing to a height of four or five feet, with corresponding breadth. The leaves are of immense size, often eighteen inches by two feet. As a single plant for lawns or large flower borders, it has no superior.

25 cents each; \$2.25 per dozen. Extra large bulbs, 50 cents each; \$4.50 per dozen.

CALADIUM.

CALADIUMS—In variety.

We offer a superb collection of Caladiums. They assume almost every imaginable color in their variegation of spotting, veining and marbling of leaves; the cut represents **Argyrites**, a beautiful, white-spotted variety, one of the smallest-growing kinds; many of the other sorts are finer than this. In partial shade, in moist soil, most of the varieties do well planted out in summer, but their great value is for exhibition plants, for fairs, in summer and fall, when pot-grown.

25 distinct sorts, 50 cents each; \$4.50 per dozen. Set of 25 sorts, \$7.50.

25 distinct sorts, newer and scarcer varieties, 75 cents each; \$7.50 per dozen. Set of 25 sorts, \$12.00.

CRASSULA CORDATA.

A valuable plant for winter blooming, having spikes of pinkish-white, star-shaped flowers, lasting a long time in perfection.

30 cents each; \$3.00 per dozen.

CRASSULA SPATHULATA.

A low-trailing, succulent plant, with heart-shaped leaves, bearing clusters of small, white, star-shaped flowers. It is valuable for rock-work, baskets, or vases.

25 cents each; \$2.25 per dozen.

CALLIRHOE INVOLUCRATA.

A plant much prized in Europe; introduced there from our South-western States; it blooms during the entire summer months, forming a neat bush two feet in height; color of flowers purplish crimson, resembling somewhat the flowers of the Portulaca, but much larger.

30 cents each; \$3.00 per dozen.

CALCEOLARIA RUGOSA—Shrubby.

We offer a strain of seedlings of these, embracing every shade of color in orange, yellow, pink, brown, crimson, etc. The spotting, shading and marbling of these new strains of the shrubby Calceolarias are now equal almost to the large-flowered; and when they combine, as they do, the continuous flowering property, their value is greatly enhanced.

25 cents each; \$2.25 per dozen.

CALCEOLARIAS, HERBACEOUS.

CALCEOLARIAS, HERBACEOUS.

Hybrida Superba. An exceedingly fine strain, spotted and marbled in all shades of yellow, maroon, rose, white and crimson. Completely covered in spring with masses of pocket-like flowers. (*See Cut.*)
25 cents each; \$2.25 per dozen.

CANNA INDICA.

CANNA INDICA (Newer Sorts).

Plants used largely in sub-tropical gardening, for the grand effect which their rich and varied-colored leaves produce. The sorts below named are the finest we can select from our collection of over 60 varieties, old and new. They combine the most striking tropical foliage with flowers many of them equal to Gladiolus.

Admiration. Foliage sea-green, margined red; 5 feet high; flowers dark scarlet.

Aug. Ternier. Large, showy, dark green leaves, tipped red; 7 feet high.

Bihoreli. Dark green foliage, shaded with chocolate; 3 feet high.

Daniel Hooibrenck. 4 feet high; deep green, slightly margined purple; flowers dark orange.

Indica Variegata. Light green, ovate leaf; beautifully ribbed; 6 feet high.

Metalica. Foliage dark chocolate-tinted green; flowers Indian red; 4 feet high.

Md. Schmidt. Broad ovate leaf; flowers dark orange-scarlet.

Nardy. 5 feet high; deep green, margined brown; flowers Indian red.

Plankerii. Dark green, broad, ovate leaf, orange-colored flowers.

Princess de Neice. 5 feet high; broad, deep green leaf; flowers light canary.

Surprise. Narrow, green, lanceolate leaves; flowers deep orange scarlet.

Warscewczii. Green foliage, margined red; 3 feet high; flowers intense crimson.

30 cents each; \$3.00 for set of 12.

CANNA INDICA.

The following four varieties are well known standard favorites, used for massing, etc., which we grow in quantity and can offer at much reduced rates.

Excelsa Zebrina. **Marechal Vaillant.**
Discolor Violacea. **Tricolor.**
20 cents each; \$2.00 per dozen.

CHEIRANTHUS, (Wallflower.)

An old plant of exquisite odor. Finest mixed varieties; all the best colors peculiar to this class.
15 cents each; \$1.50 per dozen.

CAMELLIA JAPONICA.

Double White. \$1.00 to \$5.00 each.
Colored. In variety, 50 cents to \$3.00 each.

CISSUS DISCOLOR.

A well-known stove climber, with leaves beautifully shaded with dark green, purple and white, the upper surface of the leaf having a rich, velvety-like appearance. The leaves are much used in New York for trimming the margin of bouquets and baskets of flowers. The plant requires the highest hot-house temperature in winter to develop the beautiful coloring of the leaves. Under proper conditions it may be trained to a height or length of fifty feet.
30 cents each; \$3.00 per dozen.

CISSUS AMAZONICA.

Similar habit to the above; the under sides of the leaves are bright crimson, the upper side bluish green; a very ornamental variety,
30 cents each; \$3.00 per dozen.

CARNATIONS, MONTHLY.—General Collection.

Indispensable either for the decoration of the flower-garden in summer or for the greenhouse or parlor in winter. The varieties we name are among the finest of this beautiful class, and of nearly every shade and marking, and most of them of rich clove fragrance. This class of Carnations are entirely hardy in all places where the thermometer does not fall below zero.

Astoria. Speckled red and yellow.

Brightness. Bright scarlet, clove fragrance.

Shellflower. (*See special description.*) 30 cents.

Fred's Red. Bright red.

Garibaldi. Rosy scarlet.

Little Beauty. Carmine edge, yellow ground.

Louise Zeller. Pure white.

Meteor. Dazzling red.

Oscar. Yellow.

Kate. Large; white.

Solferino. Dark violet purple, fragrant.

Port Royal.

Mrs. McKenzie. Light rose, clove fragrance.

De Fontana. Orange, shaded purple.

Canary. Fine canary.

Rosedale. Cherry pink.

Adonis. Bright rose violet.

Congress. Striped scarlet.

The Dragon. Extra fine scarlet.

Beauty. White, scarlet stripes.

Purple Seedling.

Jean Bart. Fine, large; bright scarlet.

Vulcan. Bright red.

Grand Sultan.

Hodges' Pride.

Annie. An excellent sort.

Dr. Rasbaille. Pink-flaked cherry, fringed.

General Sherman. Cherry-pink, striped maroon.

James Monroe. Yellow and scarlet.

Lulu. White, flecked with deep lilac.

Mrs. Van Buren. Slate, striped vermillion.

Prince of Wales. Scarlet; "climbing class."

George Washington. White ground, dotted red.

Sunset. Yellow ground flaked crimson; 40 cents.

Horace Greeley. Slate, flaked bright red.

Indispensable. Deep yellow, flaked.

H. W. Beecher. White ground, flaked and striped violet.

Isabella Barnum. Salmon, flaked crimson.

President McMahon. Red, flaked maroon.

Snow White. (*See Novelties.*) 40 cents.

25 cents each; \$2.25 per dozen, except where noted. Set of 40 sorts for \$7.50. For New Carnations, see *Novelties*.

CARNATION, "SHELLFLOWER."

NEW CARNATION, "Shellflower."

A beautiful shade of rosy-pink, petals shaded and shaped so as to resemble some species of sea-shells; a robust, healthy grower, producing in profusion its unique and handsome flowers. (See Cut).

Large stock plants, \$1.00 each; \$9.00 per dozen. Plants in 3-inch pots, 30 cents each; \$3.00 per dozen.

CARNATIONS—The Best Winter-Flowering

Our extensive experience in growing plants for winter blooming, shows us that in Carnations, at least, the number of varieties that yield a great profusion of bloom are very limited. Below will be found a list of the leading sorts grown in this vicinity.

Peerless. Pure white; dwarf habit.

President Degraw. Pure white, occasionally shaded blush

La Purite. Carmine; dwarf, profuse.

Gauntlet. Deep rose.

Edwardsii. Pure white, large and perfect.

Snow White. (See Novelties).

Mrs. Wilson. Large, bright scarlet.

La Purite Var. Variegated white and carmine

Snowdon. (See Novelties.) 50 cents.

Glory of Venice. Orange and rose.

25 cents each; \$2.25 per dozen; \$15.00 per hundred. Set of 10 for \$2.00. Extra large plants of these sorts in the fall at double the above rates.

CENTAUREA CLEMENTEI.

A robust-growing variety, forming a rounded mass of silvery-white leaves, deeply cut and fringed, one-half foot in height. An acquisition to our white-foliaged plants.

30 cents each; \$3.00 per dozen.

CENTAUREA CANDIDA.

A valuable plant to contrast with Coleus. Leaves white, forming a neat, compact bush. Massed either with Coleus or Achyranthes, or both, it produces a most pleasing effect.

25 cents each; \$2.25 per dozen.

CENTAUREA GYMNOCARPA.

Attains a diameter of two feet, forming a graceful, rounded bush of silvery gray, for which nothing is so well fitted to contrast in ribbon lines with dark-foliaged plants. As a plant for hanging baskets it is also unsurpassed, its drooping, fern-like leaves being very effective.

25 cents each; \$2.25 per dozen.

The 3 sorts for 60 cents.

CLERODENDRUM BALFOURI.

A stove climber of great beauty. The flowers, which are of a bright scarlet, are encased by a bag-like calyx of pure white; the trusses or panicles of flowers are upwards of six inches in width, and, when trained upon trellises, and hanging down, have a rich and elegant appearance; continually in bloom.

30 cents each; \$3.00 per dozen.

CENTRANTHUS RUBER AND ALBO,
(Valerian.)

Sometimes called "Garden Heliotrope." Hardy plants, well adapted for summer cut flowers, forming graceful spikes of red and white; very fragrant.

25 cents each; \$2.25 per dozen.

CEREUS, (Night-Blooming Cactus.)

Triangularis. Stems triangular, flowers white.

Grandiflorus. True night-blooming cactus, straw color.

50 cents each; the 2 sorts for 75 cents.

CHRYSANTHEMUM.

25 "PRIZE VARIETIES" CHINESE CHRYSANTHEMUMS—Large-Flowering.

There is no plant we cultivate, with the exception perhaps of the Dahlia, that assumes such an extended variety of colors as the Chrysanthemum. Being entirely hardy and of free growth, it can be grown on almost any soil and situation with but little care. They are also valuable grown in pots as greenhouse or parlor plants during early fall or winter months.

Competition. White.

Dr. Brook. Cinnamon, gold tip.

Mrs. Keyes. Blush.

Ruth. Pink.

Temple of Solomon. Yellow.

Gloria Mundi. Brilliant yellow.

Countess of Granville. Pure white; large.

Golden Queen. Bright golden yellow.

Hermione. Orange, crimson tip.

Prince Albert. White.

Eolivar. Buff yellow.

Cherub. Golden amber.

Geo. Glenny. Fine golden yellow.

Mazepa. Shaded red.

Queen of Lilacs. White and lilac.

Venice. Delicate peach shade.

Virgin Queen. Snow white.

Webb's Queen. White.

Mrs. G. Rundies. White.

Md. Grame. White.

Mongolfier. Dark amber.

Paganet. Rosy lilac.

Pericles. Bright Indian red.

Semiramis. Blush white.

White Eve. White.

25 cents each; \$2.25 per dozen; \$4.50 for set of 25 "prize varieties."

25 "PRIZE VARIETIES" JAPANESE CHRYSANTHEMUMS.

The hybrids from this novel section are exceedingly interesting in their varied forms and markings, together with the enormous size of the flowers of many of the varieties, many of them being five inches in diameter, and one of them reaching the extraordinary size of eight inches in diameter. They also, in most of the varieties, possess the valuable property of flowering during the winter months, when desired, by pinching off the buds as soon as formed in October. They are as hardy as the ordinary Chinese sorts.

Ville de Marseilles. Red, yellow center.
Grandiflora Japonica. Yellow.
La Coquette. Golden, thread-like petals.
Magnus Bonum. Dark pink; extra fine.
Miss Mary Morgan. Deep blush; fine.
Abd-el-Kader. Rich crimson maroon.
Cy Syang. Crimson, splashed white.
Dr. Masters. Centre bright red, tipped with gold.
Boule de Neige. Large; white.
Emperor Nicholas. Red, tipped gold.
Fulgare. Nankeen color.
Gloire de Toulouse. Crimson and white.
La Chinoise. Dark maroon, golden tips.
La Coquette. Golden.
Gloire de Mazarque. White, shaded rose.
La Frizure. Amaranth, reverse of petals white.
Madame Chapon. Orange and yellow-plated petals.
Ne Plus Ultra Nova. Lilac, golden tips.
Parasol. Crimson maroon, golden centre.
Reine des Blanches. White.
The Dainio. Pink, changing to lilac.
Hero of Magdala. Blood red.
L'Ornement de la Nature. Rosy lilac.
Sesostis. Reddish brown.
Sir Hare Brock. Yellow.

25 cents each; \$2.25 per dozen; 25 "prize varieties" for \$4.50

25 "PRIZE VARIETIES" POMPONE CHRY- SANTHEMUMS—Small-Flowering.

Atala. Rosy lilac.
Aurora. Deep orange.
Boule Blanche. Globe shape; white.
Boule de Neige. White, yellow centre.
Canrobert. Beautiful yellow.
Chameleon. Pink, white and orange.
Cinderella. Pure white.
Epaminondas. Pinkish rose, white centre.
Golden Aurora. Bright yellow.
Golden Crest. Rich, dark yellow.
Golden Eagle. Pink and yellow.
Innocence. Pure white, full and fine.
La Brazier. Deep brown.
Madame Dumage. Pink; fine form.
Mignonette. Deep purple.
Amphilla. Scarlet-crimson.
Anna de Belocca. Canary white.
Mrs. Campbell. Rich crimson.
Peri. Dark yellow, with red points.
Prince Albert of Prussia. White; fimbriated.
Rosabella. Carmine and white.
Zebra. Pink, yellow and white.
Eckman Chatrain. Purple, red tipped.
Model of Perfection. Lilac and yellow.
La France. Blush.

25 cents each; \$2.25 per dozen. Set of 25 for \$4.50, or full "prize" collection of 75 distinct sorts, Large, Japanese and Pompones, for \$12.00.

CESTRUM, (Night-Blooming Jessamine.)

C. Aurantiacum. Orange flowers, very fragrant.
C. Laurifolium. Pure white, very fragrant.
30 cents each; \$3.00 per dozen. 2 varieties, 50 cents.

CHOROZEMA VARIA.

An old greenhouse shrub, flowering in winter and spring; flowers purple and orange, in spikes from 4 to 6 inches in length.

50 cents each; \$4.50 per dozen.

CERASTIUM TOMENTOSUM.

A white-foliaged plant, with small, narrow, leaves, well suited for hanging baskets or stands; excellent for the front line in ribbon planting.

25 cents each; \$2.25 per dozen.

COWSLIP AND PRIMROSE, (Primula Veris and Elatior.)

Favorite early spring-flowering plants. Colors all shades of crimson, maroon, yellow, orange, etc.; deliciously fragrant. (See Cut).

15 cents each; \$1.50 per dozen.

COLEUS

Are now deservedly popular plants. Whether grown as individual plants for house culture or for massing in ribbon-line planting, hardly anything is so desirable. Several of the varieties named are home-grown productions, most of them superior to imported sorts. For New Coleus see Novelties.

GOLDEN VARIETIES.

Aromatica. Scented variety. 25 cents.
Aurea Marginata. Color of "C. Verschaffeltii," yellow margin.
Beppo. Bright golden-yellow, centre red.
Brilliant de Vase. Yellow, marbled crimson.
Chameleon. Purple, rose and green; novel.
Compte de Circuit. Bronzy red.
Eclat. Bronzy crimson, golden edge.
Elegans. Straw-colored, mottled maroon; 50 cents.
Fascination. Price, 50 cents. (See Novelties.)
Golden Gem. Deep rose, margined yellow.
Hollandi. Crimson-maroon, margined yellow.
Laciniata. Canary, marked with cinnamon.
M. Crouse. Yellow, veined chocolate.
Multicolor. Maroon and crimson. 25 cents.
Merrimac. Lemon-colored, blotched bronze.
M. E. Verdier. Glossy green, spotted anther.
M. Fries. Purplish red, yellow margin.
Model. Bronze, golden edge.
Mondani. Bronzy crimson, narrow band.
Mrs. Galbraith. Scarlet-crimson, yellow band.
Intabilis. Reddish maroon, golden edge.
M. V. Lemoine. Pale yellow, blotched purple.
Oriole. Finest yellow. 25 cents each.
Pine Apple Beauty. Crimson ground, golden spots.
Picta. Marbled yellow, maroon and crimson. 25 cents.
Serrata. Maroon, deeply serrated.
Surpasse Moretti. Green, veined purple.
The Shah. (See Special Description.) 25 cents.
15 cents each; \$1.50 per dozen, except where noted. Set of 23 sorts, \$4.50.

COLEUS, VELVET, (or Dark-Colored.)

These are varieties selected from upwards of fifty sorts in our collection, as giving the widest range of color, in the beautiful leaf-markings of this popular section.

Attraction. Green, mottled chocolate spots.
Bauseii. Chocolate-crimson, leaves serrated.
Brunette. Velvet-maroon, splashed green.
Excellent. Deep maroon, netted with green.
Frou Frou. Yellowish green, blotched maroon.
Gigantic. Rich purplish maroon, yellow edge.
Hamlet. Purplish maroon.
Hero. Chocolate maroon.
Princess of Prussia. Velvety crimson.
Rival. Dark claret-crimson, yellow-edged.
Veitchii. Green margin, centre dark maroon.
Verschaffeltii. Rich velvet-crimson.
Verschaffeltii Major. Claret, turning rosy red.
15 cents each; \$1.50 per dozen. Set of 13 sorts for \$1.60. Full set of 41 sorts, Golden and Velvet, \$5.00.

COLEUS, "The Shah," or "Lady Burrill."

This variety is peculiarly marked; the base or lower half of the leaf is rich violet-crimson, the upper half golden-yellow. Our plants show this marking perfectly this season, and would seem to be perfectly fixed in character.

25 cents each; \$2.25 per dozen.

COLEUS, BEDDING.

We select of the best contrasting colors, best suited for ribbon-lines or for massing.

C. Verschaffeltii. The old, well-known brown-crimson sort.

“ **Major.** Carmine and yellow; very fine.

Eclat. Crimson-edged gold.

Golden Gem. Deep rose, margined bright yellow.

Hero. Deep maroon, almost black.

15 cents each; \$1.50 per dozen. Per 100, \$10.00.

CONVOLVULUS MAURITANICUS.

A beautiful, blue-flowering, trailing plant, very effective when grown in baskets, giving it a most graceful appearance; the flowers are borne freely, a bright blue, two inches in diameter. It is perfectly hardy.

30 cents each; \$3.00 per dozen.

CINERARIA HYBRIDA

CINERARIA HYBRIDA.

This is the winter or spring-flowering species, hybrids of which are among the most gorgeous of our greenhouse plants; the colors range through all the shades of blue, violet, crimson, pink, maroon and white. (See *Cut.*)

30 cents each; \$3.00 per dozen.

CINERARIA MARITIMA.

A white-foliaged plant, somewhat similar to the *Centaurea*, but with leaves deeply cut and a more vigorous growth. It is commonly known as “Dusty Miller,” and is used extensively in ribbon-lines, massing, etc., for contrasting with dark-leaved foliage plants.

25 cents each; \$2.25 per dozen.

CINERARIA ACANTHIFOLIA AND ASPLENÆFOLIA.

Most beautiful white-foliaged plants, a little in the style of “*C. Maritima*,” but with wider and longer leaves, and hence more effective for ribbon-lines. These are the best of all white-leaved plants, as they never die out in summer as many of the others do.

30 cents each; \$3.00 per dozen. Set of 3 sorts for 75 cents.

CORONILLA GLAUCA.

There are very few really good yellow-blooming plants that will answer either for summer or winter blooming. This is one of the best; bearing bright yellow, pea-shaped flowers, which are very fragrant.

25 cents each; \$2.25 per dozen.

COCCOLOBA PLATYCLADA.

A curious, flat-stemmed plant, growing to the height of two feet, bearing small, whitish flowers at the axils of the stems; having no leaves, thus resembling the cactus.

25 cents each; \$2.25 per dozen.

CROTONS.

Plants which, from their beautiful leaf variegations, demand a place in every collection of hot-house plants. For other sorts see “New and Rare Plants.”

Croton Interruptum.	Croton Pictum.
“ Irreguläre.	“ Variegatum.
“ Salicifolius.	“ Aucubifolia.

60 cents each; \$6.00 per dozen. Set of 6 sorts for \$3.00.

COBEA SCANDENS.

COBEA SCANDENS.

Handsome, free-flowering, climbing plants, growing rapidly, with large, bell-shaped, purple flowers. One of the best summer climbers. (See *Cut.*)

30 cents each; \$3.00 per dozen.

CUPHEA HYSSOPIFOLIA.

A neat little flowering plant, growing but twelve inches high, which, like all the members of this family, is always in bloom. Flowers small, tubular, of purplish-lilac color.

15 cents each; \$1.50 per dozen.

CUPHEA PLATYCENTRA, (Cigar Plant.)

The tube of the flower is scarlet, with the end part white and crimson, having somewhat the appearance of a miniature lighted cigar.

15 cents each; \$1.50 per dozen.

CYPERUS ALTERNIFOLIUS, (The Egyptian Paper Plant.)

A grass-like plant, throwing up stems to the height of two feet, surmounted at the top by a cluster or whorl of leaves, diverging horizontally, giving the plant a very curious appearance. A splendid plant for the centre of baskets, vases or Warden cases, or as a water plant.

50 cents each; \$4.50 per dozen.

CYCLAMEN PERSICUM.

CYCLAMEN PERSICUM.

A fine, ornamental, greenhouse plant; its flowers, as a variety in the formation of bouquets and baskets of cut flowers, in winter, are valuable; color white, spotted crimson, etc. (See *Cut.*)

Large plants, 60 cents each; \$6.00 per dozen. Smaller, 30 cents each; \$3.00 per dozen.

DAPHNE ODORATA.

A plant no greenhouse collection should be without. It is evergreen, growing three feet high, bearing clusters of small, pinkish-white flowers, exquisitely fragrant.

50 cents each; \$4.50 per dozen.

25 "PRIZE" DAHLIAS—Large-Flowering.

From our general collection of large-flowering Dahlias we have selected 25 of the finest and most distinct, which we have named as above, for the reason that it was with these varieties that we have taken first premium wherever we have exhibited. This set comprises every shade of color and marking. Strong plants ready in May; dry roots ready now.

Adeline. Mauve, purple tip.
Annette. Lilac, splashed carmine.
Annie Neville. Pure white; extra fine.
Andrew Dodd. Crimson-maroon.
Autumn Glow. Orange-yellow.
Barmaid. White, salmon tipped.
Belle de Baum. Deep pink.
Black Knight. Very dark crimson.
Dandy. Blush, striped crimson.
Duchess of Cambridge. Blush, crimson tip.
Flora. Magenta shade.
Flamingo. Deep vermilion-scarlet.
Firefly. Bright crimson.
Graffula. White, splashed purple.
Harlequin. Scarlet, splashed orange.
La Phare. Brilliant scarlet.
Leah. Golden bronze.
Lydia. Purple.
Martha. Yellow, tipped scarlet.
Matchless. Lilac-flaked maroon.
Mrs. Thompson. Straw color, flaked purple.
Mrs. Piggott. Pearl white.
Oriole. Golden yellow.
Tom Green. Maroon, tipped white.
Vesta. Pure white; very fine.

30 cents each; \$3.00 per dozen. Set 25 "Prize" varieties for \$6.00.

25 "PRIZE" DAHLIAS,

Bouquet or Pompone.

As in the case of the large-flowering varieties, we have put down our list of small-flowering Dahlias to 25 best sorts, which will include every style and color to be had in this class. They may very properly be styled "Prize Varieties;" for, as a set, they have taken first premiums wherever exhibited. Strong plants, ready in May; dry roots ready now.

Alba Floribunda Anna. White; profuse.
Beatrice. Blush, tinted violet.
Ben. Butler. Orange, crimson tipped.
Black Dwarf. Maroon black.
Bride of Roses. Light pink.
Crimson Beauty. Bright crimson.
Exquisite. Orange, scarlet edge.
German Boy. Amber yellow.
Gem. Crimson.
Goldlight. Straw-color and white.
Jewel of Austerlitz. Fine scarlet.
Little Pet. Crimson, shaded purple.
Lurline. Light amber.
Little Kate. Dark crimson.
Little Rifleman. Crimson and white.
Mary. Pale rose.
Minnie. Amber, violet tip.
Nellie. Pearl, shaded to carmine.
Prima Donna. Rich crimson.
Pearl. Pure white.
Rose of Gold. Cardinal.
Sambo. Dark maroon.
Seraph. Buff, tipped orange.
Snowflake. Pure white.
Vava. Deep orange, shaded amber.

30 cents each; \$3.00 per dozen. Set of 25 Prize varieties for \$6.00.

(For new sorts see Novelties.)

In addition to the two sets of "Prize" Dahlias, we have over fifty other varieties, of both the large and small-flowering sections, comprising all of the fine varieties sent out of late years.
 25 cents each; \$2.25 per dozen.
 Full Set of 100 varieties, including the "Prize Sorts," for \$15.00.

DAHLIA IMPERIALIS.

The flowers are single; the petals, radiating from a yellow disc, are of the purest white, except a crimson spot at the base. The flower, which is bell-shaped and drooping, resembles a gigantic Lily; for, when in full bloom, the plant is from eight to ten feet in height, having from forty to fifty of these lily-like flowers expanded at once. It blooms rather late in our latitude, except the plants are very strong when planted out; but it is well worth a place in the conservatory. It does well in Southern States in the open ground.

50 cents each; \$4.50 per dozen.

DAISY, ENGLISH, (*Bellis Perennis*.)

One of the prettiest spring flowers, of colors varying through all the shades of white, pink and carmine; they can be either grown from seeds, or by divisions of the roots; in flower from April to June.

15 cents each; \$1.50 per dozen.

DELPHINIUM GRANDIFLORUM,
(Perennial Larkspur.)

This is our favorite of all hardy garden plants; flowers are intense azure blue, with clear, white centre; borne in large spikes from 2 to 3 feet high, blooming, without intermission, during the entire summer; this color is rare in plants, and for that reason it is indispensable in every garden. It is most valuable also for cut flowers.

25 cents each; \$2.25 per dozen.

DELPHINIUM NUDICAULE,
(Scarlet-Flowered Larkspur.)

A comparatively new species, and still scarce; growing to a height of 18 inches; flowers borne on loose panicles of a bright shade of scarlet; contrasts finely with the preceding.

50 cents each; \$4.50 per dozen; the two sorts, 50 cents.

DEUTZIA.

Small-growing shrubs of great beauty. We offer three sorts of these, two pure white, and the other, not purple, as its name indicates, but white, with the back of the petals tinged with purple or rose, varying as the flower fades.

D. Crenata Alba fl. pl.

D. Gracilis. White.

D. Crenata Purpurea, fl. pl.

Small plants, 30 cents each; \$3.00 per dozen. Large plants, 50 cents each; \$4.50 per dozen.

DICENTRA SPECTABILIS.

DICENTRA SPECTABILIS.

One of our most ornamental spring-flowering perennial plants commonly known as "Bleeding Heart," with handsome Pæony-like foliage, and long, drooping racemes of bright pink and white heart-shaped flowers. Hardy. (*See Cult.*)
 30 cents each; \$3.00 per dozen.

DIONEA MUSCIPULA, (Venus' Fly Trap).

A very interesting plant, a native of most of the Southern States. It takes its name of "Fly Trap" from a curious rat-trap-like formation of the leaves, which are very sensitive. As soon as an insect touches them they close, and remain so as long as the insect continues to struggle. It is easily cultivated in a warm, moist atmosphere, such as a Wardian case or jardiniere. This is one of the plants which Darwin claims to feed on insects.
 25 cents each; \$2.25 per dozen.

DIANTHUS VERSCHAFFELTII.

Blooms in May and June, forming a most beautiful-shaped plant; flowers white, ribbed with crimson; double, and two inches in diameter; fragrant.

25 cents each; \$2.25 per dozen.

DRACÆNA.

DRACÆNA, (Dragon Tree.)

Beautiful ornamental-leaved plants, much used for centres of baskets or stands. (*See Cut.*)

Amabile. Green, tipped pink. \$2.00.

Terminalis. Rich crimson foliage, marked with pink and white. 50 cents to \$2.00 each.

Indivisa. Green and bronze; narrow leaves. 50 cents to \$1.50 each.

Fragrans. Large green variety. \$1.00 each.

Guilfoylei. Variegated white and green; handsome. \$1.50 to \$3.00 each.

Ferreæ. Dark red. \$1.00 to \$2.00 each.

Veitchi. Narrow green leaves. 50 cents to \$1.00 each.

Set of 7 1st size. \$10.00
2d size. 6.00

ECHEVERIA SECUNDA GLAUCA.

ECHEVERIA.

A genus of succulent plants, both novel and interesting. They are useful either as pot plants for decorative purposes, or for hedging out in summer. Being natives of arid countries, they thrive best if planted in a dry situation, growing where most other plants would fail. (*See Cut.*)

Echeveria Retusa Floribunda.

" **Metalica.** **Glaucæ.**

" **Rosaceæ.**

" **Secunda.**

" **Glaucæ.** (*See Cut.*)

" **Splendens.**

" **Atropurpurea.**

30 cents each; \$3.00 per dozen. \$2.00 for set of eight.

**EPIPHYLLUM TRUNCATUM,
(Lobster-leaved Cactus.)**

A very useful winter-flowering plant; flowers in the different varieties, shading from purplish crimson to scarlet. Six sorts. For large plants, 60 cents each; 6 varieties, \$3.00. Small, 30 cents each; 6 varieties, \$1.50.

ERIANTHUS RAVENNÆ

("American Pampas.")

This ornamental grass, when in full bloom, attains a height of from nine to twelve feet, occasionally having over 50 flower spikes on one plant, in two or three seasons, from seed. It resembles the Pampas Grass, but blooms much more abundantly, and, with the advantage of being hardy, will prove a most desirable plant for the decoration of lawns. Seeds sown in our greenhouses last March produced plants which threw up flower-stems four feet in height by October. We have two plants in our grounds—10 years old—now four feet in diameter; the flower spikes grow 10 feet high, and are admired by all who see them.

25 cents each; \$2.25 per dozen.

ERANTHEMUM.

The species of this genus are very pretty; some are cultivated for their foliage, and others for the beauty of their flowers, for which they are remarkable.

E. Pulchellum. Flowers blue, leaves splashed with silvery white

E. Andersonii. Flowers white, dotted crimson, Orchid-like, 30 cents each; \$3.00 per dozen.

(For new sorts see "New and Rare Plants.")

ERYTHRINA CRISTA GALLI, (Coral Tree.)

A half-hardy shrub, growing about 4 feet in height, with neat cut foliage, the stems terminated with spikes of rich scarlet, pea-shaped flowers. Grows freely if planted in a warm situation; should be treated the same as Dahlias.

1st size, 50 cents each; \$4.50 per dozen.
2d " 30 " " 3.00 "

EUCALYPTUS GLOBULUS, (Blue Gum Tree.)

"THE FEVER AND AGUE PLANT."

We have grown a few plants of this merely to show to those who are curious in the matter what it is like, without believing in its fever and ague properties. It grows to a large tree, and is not hardy in northern latitudes. It is, however, rather a pretty tree, and would form an object of interest in sub-tropical planting.

30 cents each; \$3.00 per dozen.

EUPATORIUM.

White, winter-flowering plants, the flowers of which are largely used in making up wreaths, crosses, and baskets of cut flowers. They bloom very freely, doing best when planted out, becoming pot-bound soon.

Elegans. White; blooming from January to February.

Riparium. White, large truss; blooming from February to March.

Angustifolium. White; blooming from December to February.

Triste. White; blooming in January and February.

25 cents each; \$2.25 per dozen. Set of 4 varieties for 75 cents.

EUONYMUS JAPONICUS AUREUS.

A handsome, evergreen shrub, with a bright yellow blotch in the centre of the leaf. An excellent house-plant for winter, growing well in the shade; excellent for vases or baskets.

30 cents each; \$3.00 per dozen. Large size, 50 cents each; \$4.50 per dozen.

EUONYMUS RADICANS VARIEGATUS.

Has glossy, pea-green leaves, deeply margined with creamy white; well fitted for baskets; characteristics same as preceding.

30 cents each; \$3.00 per dozen. 2 sorts for 50 cents.

EUPHORBIA SPLENDENS.

A continuous-blooming variety, densely covered on the stems with spines an inch in length, giving it a curious appearance; bright scarlet flowers, with a yellow centre; of great value for bouquets.

30 cents each; \$3.00 per dozen. Larger plants, 50 cents each; extra specimens, \$5.00 each.

FABIANA IMBRICATA.

An evergreen, greenhouse plant, of dense pyramidal growth, resembling some of the conifers in miniature, densely covered during the spring months with pure white, tubular flowers, resembling some varieties of Heaths.

30 cents each; \$3.00 per dozen.

DWARF FEVERFEW, (Pyrethrum Parthenium.)

Quite an improvement on the old variety; the flowers are very large, pure white, double; the plant is of dwarf habit.

25 cents each; \$2.25 per dozen.

FUCHSIA MRS. H. CANNELL.

FUCHSIAS.—General Collection.

- Aurora.** Corolla orange-scarlet, sepals white.
Beauty of Sherwood. Corolla cherry, sepals white.
Brilliant. Corolla bright scarlet, sepals white.
Beacon. Rose, corolla violet.
Black Prince. Bell-shaped; fine.
Carl Hall. Corolla crimson.
Day Dream. Corolla maroon, sepals crimson.
Elm City. Double, buds forming large globular crimson-scarlet balls.
Gov. Baker. Corolla plum-color, sepals crimson.
Gem. Corolla violet, sepals crimson.
Inimitable. An improvement on Prince Imperial.
Leah. Corolla crimson, sepals white.
Mrs. Marshal. Corolla carmine, sepals white.
Meteor. Bronze leaves; very ornamental.
President McMahon. Corolla scarlet, sepals greenish yellow.
Prince Napoleon. Corolla purple, sepals waxy crimson.
Prince Imperial. Corolla purple, sepals recurved, crimson.
Regalia. Golden foliage.
Symbol. Corolla pure white, sepals rose.
Speciosa. Corolla scarlet, two inches in length, sepals bluish.
Tower of London. Corolla double, violet blue, sepals crimson.
Theresa. Corolla ruby, sepals creamy-white.
White Eagle. Corolla white, sepals carmine, double.
Wave of Life. Foliage yellow, corolla violet, sepals crimson.
Lord Byron. Crimson sepals, and large, open bell-shaped corolla, black, the darkest yet known.
Mrs. H. Cannell. Fine double white corolla, with well-reflexed scarlet sepals. (*See Cut.*)

30 cents each; \$3.00 per dozen. Full set of 26 sorts for \$6.00.
 For new sorts, see "New or Rare Plants."

FITTONIA, (Gymnostachyum.)

Low-growing plants, of creeping habit, grown for the beauty of their leaves, which are veined in the most curious manner with lines of white, carmine and crimson. Valuable plants for Warden cases or Ferneries, or for growing in shaded green-houses or rooms.

- Argyrea.** Bright green, netted with silvery white.
Gigantea. Coloring like the two following sorts, but of stronger growth.
Pearcii. Green, netted with pink and red.
Verschaffeltii. Reticulated with red, passing into crimson.
 30 cents each; \$3.00 per dozen. Set of 4, \$1.00.

GOLDEN FEVERFEW, (Pyrethrum Partheni-folium Aureum.)

Used largely for massing, or in ribbon-planting, having no merit as a flowering plant; the leaves are delicately cut, of a golden-yellow color, which is kept all summer. The flower-shoots should be nipped off when they appear.

15 cents each; \$1.50 per dozen; \$10.00 per 100.

FERNS.

These beautiful plants are now very generally cultivated; their great diversity and gracefulness of foliage makes them much valued as plants for Warden cases, Ferneries, and rock-work, where there is moisture and shade.

Adiantum Affine	30 cts.
" Pubescens	30 "
" Concinnum Latum	30 "
" Capillus Veneris	50 "
" Farleyense	\$1.50 "
Blechnum Occidentale	30 "
Cheilanthes Hirta	30 "
Crytonium Fortuni	30 "
Deplasiun Decussata	30 "
Gymnogramma Chrysophylla	50 "
Lastrea Angescens	50 "
Onychium Japonicum	30 "
Pteris, Macrophylla	30 "
" Longifolia	50 "
" Hastata	30 "
" Serrulata	30 "
" Serrulata Cristata	75 "
" Geraniifolia	30 "
" Tremula	25 "
" Polypodium Aureum	30 "
" Woodwardia Orientalis	30 "

Full set of 21 sorts for \$5.00. Our selection of sorts for \$3.00 per dozen.

In addition to the above we offer the celebrated collection of Ferns grown by F. Roenbeck, which is, perhaps, the most complete on the continent, Mr. R. making the growing of Ferns his exclusive business.

Collection of 50 Newest and Best sorts, *Extra Fine Plants*, \$40.00

" 50 Finest Older sorts, " " \$24.00

Full collection of 100 sorts, " " \$60.00

FICUS REPENS.

A plant suited specially in greenhouse decorations, for covering the walls, pillars, etc., or for outside decorations in the South.

30 cents each; \$3.00 per dozen.

FRAGARIA INDICA, (Indian Strawberry.)

A "Strawberry" producing bright scarlet berries that remain on the plant for a long time. The fruit is not fit to eat, but is highly ornamental particularly when grown in baskets, as it droops to a distance of three feet.

30 cents each; \$3.00 per dozen.

GOLDFUSSIA ANISOPHYLLA.

A very pretty plant when in bloom, flowers bright blue; very easily grown, flowering during the summer months.

30 cents each; \$3.00 per dozen.

GAZANIAS.

Low-growing plants, with large, showy flowers; orange yellow in color.

25 cents each; \$2.25 per dozen.

GAZANIA SPLENDENS VAR.

The same as the above, with the edges of the leaves margined with creamy white.

30 cents each; \$3.00 per dozen.

GENISTA CANARIENSIS.

A broom-like plant, with spikes of bright yellow flowers, growing into a nicely-shaped shrub of from two to four feet in height, suitable for parlor or greenhouse culture; is hardy in Southern States.

25 cents each; \$2.25 per dozen.

GOLD AND SILVER TRICOLOR GERANIUMS.

(Scarcer Sorts.)

- Avalanche.** A white-flowered variety; leaves green, bordered with pure white.
Countess of Warwick. white and green, irregularly handed with carmine.
Emily. (See *Special description in Novelties.*)
Mrs. Clutton. Rich crimson zone, a strong grower, and very effective.
Imperatrice Eugenie. Leaf dark green, creamy-white margin.
Waltham Pride. White flowers, very dwarf.
Bright Star. Margin very white, well-formed scarlet flowers.
Glen Eyre Beauty. Carmine, white and green.
Little Pet. Margined creamy-white, handed with dark bronze and carmine.
Marietta. Irregularly bordered with carmine and chocolate.

Of the Golden Tricolors we name **Ebor, Lady Cullum, Emperor, Crown Jewel, Sunset, Sophia, and Edwina.**

50 cents each; a full set of 17 varieties for \$6.00.

GOLDEN TRICOLOR GERANIUM, "Mrs. Pollock."

The ground-color of the leaf is deep green; next comes a zone of bronze crimson, the margin of which is tinted with scarlet; then again a belt of lighter green, the margin of the leaf being clear yellow. As an ornament for the parlor or conservatory, nothing yet excels this beautiful class, of which Mrs. Pollock is a type; the flowers are dark scarlet, in good size trusses, borne on short footstalks but a few inches above the leaves. The leaves are much used in bouquets in winter.

50 cents each; \$4.50 per dozen.

GERANIUMS, GOLDEN BRONZE.

This class of Geraniums is admirable for bedding purposes, growing vigorously, succeeding best and assuming their brightest colors during the heat of summer. They not only have attractive foliage, but the beauty and variety of the flowers add additional value to them.

- Arthur Wells.** Bronze and crimson; flowers scarlet.
Beauty of Oulton. Yellowish-green and maroon.
Black Hawk. Dark brown zone, on yellow ground.
Bronze Model. Light brown, dark disc.
Bronze Queen. Brown, dark zone; flowers scarlet.
Black Douglas. Yellow, chocolate zone; extra.
Beauty of Caulderdale. One of the best bronze.
Battersea Bark Gem. Golden and green; flowers scarlet.
Glow Worm. Yellow ground, chocolate zone.
Perilla. Chocolate zone, yellow edges.
Marshal McMahon. Golden yellow, chocolate ring.
 30 cents each; \$3.00 per dozen. Set of 11 sorts, \$2.50.

FANCY OR SHOW PELARGONIUMS.

We have selected a set of 20 as the very best, giving all the variety of coloring found in the class. We do not describe them, as the markings and shades are so varied that no description can give a proper idea of what they are.

Agnes.	Mazinella.
Belle of the Ball.	Meddaille D'Or.
Beauty of Oulton.	Morgani.
Charles X.	Pergue Superbe.
Chas. Turner.	Princess Teck.
Demosthenes.	Queen Victoria.
Hornet.	Stellata.
Hebe the Beautiful.	Striata.
La Vesuve.	Sunray.
Mad. Glevitsky.	Unique.

50 cents each; \$4.50 per dozen. Set of 20 sorts, \$6.00.

GNAPHALIUM.

White-leaved plants, suitable for narrow ribbon-lines or baskets.

- Tomentosum.** Narrow, lanceolate leaves, two inches in length; grows to a height of 12 inches.
Sandersonii. Very shrubby style of growth; silvery white; dwarf, growing about half a foot.
Lanatum. Of more vigorous growth, pendant rather than upright, making it better for baskets, vases, etc.
 " **Var.** Same style of growth, but with variegated foliage.

25 cents each; \$2.25 per dozen.

Set of 4 sorts for 75 cents.

GESNERIA ZEBRINA.

An attractive foliage plant for the greenhouse or parlor. Its dark crimson leaves have a very rich velvety appearance.

50 cents each; \$4.50 per dozen.

GLOXINIAS.

GLOXINIAS.

These are among the handsomest of our summer-blooming greenhouse plants, the rich and varied coloring of the flowers being beautiful in the extreme; flowers 2 inches long by 1½ diameter; upright and pendulous kind; colors crimson, violet, rose, scarlet, white, etc. The bulbs should be started in spring, and after blooming all summer, require a season of rest. This can be done by gradually withholding water from them. After they are dried off they may be kept in a warm, dry cellar, or under the stage of a greenhouse. (See *Cult.*)

50 cents each; \$4.50 per dozen.

GLAUCIUM CORNICULATUM.

A white-leaved, ornamental plant, with long, silvery-white, velvety leaves, gracefully recurved, deeply cut to the mid-rib, and each leaf again cut and curled. The flowers are orange-yellow. It is of vigorous growth; its silvery color makes a fine contrast with dark-colored foliage plants.

25 cents each; \$2.25 per dozen.

GRASSES—ORNAMENTAL-LEAVED.—

Hardy.

Admirably adapted for massing in flower-beds, and some of them are among the most graceful plants that can be used for hanging-baskets or vases.

- Acorus Variegatus.** Leaves glossy green and white.
Aira Cernulea Var. Of erect and graceful habit; flower-stalks well above the foliage.
Arundo Donax Variegata. Price, 50 cents.
Cyperus Alternatifolius. Price, 50 cents.
Erianthus Ravenne. (See *Special Description.*)
Panicum Plicatum Fol. Var. Attains a height of 4½ feet; leaves streaked carmine.
Isolepis Gracilis. Light green, wiry leaves; for baskets.
Gynerium Argentium. (P. mpos Grass.) (See *Special Description.*) Price, 60 cents.
Phalaris Arundinacea Picta. Var. ribbon grass.
Bambusa Japonica. Low growing, for aquariums, etc.
Eulalia Japonica Var. Price, 50 cents.
 " " **Zebrina.** (See *Novelties.*) \$1.00 to \$3.00 each.
 30 cents each; \$3.00 per dozen, except where noted. Set of 12 for \$4.50.

DIANTHUS QUERTERI.

DIANTHUS QUERTERI, (German Pink.)

This beautiful pink we imported some eight years ago, but it is yet scarce. Few plants we cultivate possess so many points of excellence; it grows to the height of a foot; flowers rich purplish crimson, two inches in diameter, double, and well-formed; it blooms without intermission from June to January, and is an exceedingly useful plant for bouquets; clove-scented. (*See Cut.*)
30 cents each; \$3.00 per dozen.

GERANIUM, "DISTINCTION."

NEW ZONALE GERANIUM, "Distinction."

The merit of this variety lies in its peculiar leaf-markings, the leaves being encircled near the edge with a very narrow zone of deep black. The cut (half natural size) represents it exactly.

75 cents each.

APPLE-SCENTED GERANIUM.

The Apple Scented Geranium is usually more scarce than any of the scented varieties, from the fact that its manner of growth is such that it never makes good plants when grown from cuttings, and must be grown from seed to produce good plants. Our plants this season are particularly fine.

40 cents each; \$4.00 per dozen.

GERANIUMS, ZONALE—General Collection.

This class of plants, having proved so admirably adapted for bedding purposes in our hot and dry summers, are now cultivated in larger quantities than any other plant, with the exception, perhaps, of the *Verbena*. A bed of *Geraniums*, consisting of nearly a hundred varieties, was one of the finest sights in our grounds last season. Below will be found a list comprising old standard varieties, and embracing many of the newer and finer sorts of our late importations. *For the 9 Gems of the Zonals see colored plate.*

Audiffert Passquier. Carmine pink.
Blue Gem. Pink, tinted violet; base of petals, white; dwarf. Very unique.
Bucharlet Aime. Salmon, striped white; dwarf habit.
Dazzler. Intense scarlet, large white eye.
Gen. Chanzy. Solferino; base of upper petals white; dwarf.
Gen. Sherman. Rich orange-scarlet; large truss; free bloomer. Very showy. Extra.
Mdlle. E. Bellot. Salmon-scarlet; large truss; free bloomer.
Mons. Bucharlet. Salmon, veined carmine; free bloomer.
P. L. Covier. Orange-scarlet; large truss; fine, free bloomer.
Renommie. Salmon, veined carmine; half dwarf.
Voltaire. Rich scarlet; large floret.
W. K. Harris. Dwarf. Peachblow.
Gov. Hayes. Rich carmine.
Mrs. Geo. Smith. Beautiful salmon.
Nelson. Violet carmine.
Bertha Fouché. Bright salmon.
Bride. White, pink stamen.
Bridal Beauty. Deep salmon.
Corsair. Scarlet.
Diana. Scarlet-vermilion.
Dictator. White, salmon centre.
E. J. Lowe. Deep vermilion.
Gen. Grant. Bright scarlet.
Heron. Magenta-crimson; novel.
Louis Veuillot. Violet-carmine; dark.
Lord Belper. Blood red.
Harry King. Dwarf; scarlet.
Beauty of Kingsessing. White, salmon centre.
Countess de Courcy. Pink.
Jealousy. Orange-scarlet.
Jean Sisley. Dazzling scarlet; white eye.
Mons. Crouse. Salmon and white.
Cardinal Patrizzi. Blush.
Darwin. Purplish.
Minnehaha. Rose and white.
Octavie. Scarlet.
Purple Prince.
Princess Maud. Pale scarlet.
Santley. Soft orange-scarlet.
Master Christine. Deep, clear pink.
Peabody. Bright magenta.
Sir J. Moore. Clear, bright scarlet; white eye.
Snowflake. Pure white.
25 cents each; \$2.25 per dozen. Set of 43 sorts for \$7.50.

DOUBLE GERANIUMS—General Collection.

The newer varieties of the Double, or rather Semi-Double, *Geraniums* have now nearly all the compact habits and flowering qualities of the single, with the advantage of their double flower, being well adapted for bouquet purposes. Our collection embraces almost every variety worth cultivating, having been culled of all inferior kinds. *For the 6 Gems of the Doubles see colored plate.*

Admiratio. Rose.
Asa Gray. Salmon; dwarf.
Bishop Wood. Scarlet, tinted magenta.
Brilliant. Blood-red.
Bridal Bouquet. White.
Depute Varnay. Bright pink; base of petals white; semi-double.
De Torry. Beautiful shell-pink.
François Portusati. White, salmon centre.
George Sand. White, tinted.
Illuminator. Bright crimson.
Jennie Reid. Crimson.
L'Anne Terrible. Blazing scarlet.
Le Candeur. Flesh-white; semi-double.
Mad. Newry. Magenta, upper petals shaded orange.
Speculum. Blackish-carmine.
Scintillante. Semi-double; brilliant scarlet.
Simon Deleaux. Light scarlet.
Vice-Pres. Wilson. Scarlet.
Venus. White.
Wilfred. Double; white.
Wonderful. Brilliant scarlet.
25 cents each; \$2.25 per dozen. Entire set, 21 sorts, for \$4.50.
Full set, 79 Double and Single *Geraniums*, new and old, including those shown in the colored plate, for \$15.00.

SCENTED GERANIUM, "Mrs. Taylor."

(SCARLET-FLOWERED ROSE.)

A distinct variety of the scented Geranium, with a strong rose fragrance and large, deep scarlet flowers of the Hybrid Perpetual class. Combining, as it does, free-flowering qualities with fragrant foliage, it is very useful for summer cut flowers, and as a pot-plant for winter cannot be surpassed.

30 cents each; \$3.00 per dozen.

GERANIUM, VARIEGATED, ROSE-SCENTED. True.

A variegated variety of the Rose Geranium; fragrance the same as in the parent variety; leaves fringed with creamy white, sometimes assuming a pinkish tinge, which gives a unique and interesting appearance to the plant.

40 cents each; \$4.00 per dozen.

GERANIUMS, SCENTED.

Apple. 40 cents.	Filicifolia.
Blandfordianum	Quercifolium.
Citron.	Mrs. Taylor. 30 cents.
Dr. Livingston.	Quercifolium Nigricans.
Lemon.	Pennyroyal.
Nutmeg.	Rose.
President Thiers.	Rose, variegated; 40 cents.
London Blue.	Skeleton-Leaved.
Little Pet.	Shrubland Pet.
Lady Plymouth. 50 cents.	

25 cents each, except where noted. Set of 19 sorts, \$3.00.

GERANIUM, LADY PLYMOUTH.

GERANIUM, Lady Plymouth.

This is an old variety, but is quite scarce; as shown by the cut, it is variegated white and green; very fragrant; fine for trimming bouquets with. (See Cut.)

50 cents each; \$4.50 per dozen.

GERANIUM, "Mountain of Snow."

We have experimented with a large number of varieties of variegated Geraniums, with a view to developing those having the best qualities for bedding purposes. This sort we find to possess a vigorous growth, is an abundant bloomer, and for ribbon lines or massing, is one of the best. The centre of the leaf is bright green, the outer margin broadly marked with silvery white. One of the whitest leaved sorts; flowers bright scarlet.

25 cents each; \$2.25 per dozen.

IVY GERANIUM, "L'ELEGANTE."

GERANIUMS, IVY-LEAVED.

Although the foliage of this class is of sufficient interest to warrant its cultivation, yet the value is greatly enhanced by the beauty and profusion of its flowers during the spring and summer months, running through the various shades of white, pink and crimson. The list below is selected as giving the widest range of color. They are well adapted for rockwork or vases, and for drooping over baskets, or trained on trellises, are unsurpassed; few plants give more satisfaction for house culture as they may be trained on trellises in any shape desired.

Bridal Wreath. Flowers pure white.**Butterfly.** White, spotted rose.**Diadem.** Deep carmine.**Elegans.** Rose and white.**Elegans Variegatum.** Variegated foliage; 40 cents.**Fairy Bells.** Violet and white.**Holly Wreath.** Leaves blotched white, 40 cents.**Innocence.** Pure white, in large trusses.**L'Elegante.** Variegated; 40 cents. (See Cut.)**National.** Rich carmine, veined white.**Princess Alexandra.** Pink.**Princess Thyra.** White and pink.**Remarkable.** Rose and white, upright habit.**Speciosus.** White ground, violet spotted.**Wilsii.** Neat, erect habit, magenta.

25 cents each, except where noted; \$2.25 per dozen. Full set of 15 sorts, \$3.00.

(For new sorts see Novelties.)

GERANIUMS, SILVER-LEAVED.

The following varieties are among the best for bedding purposes, keeping their beautiful markings during the hottest and driest weather, most of them possessing as vigorous a growth as the common Zonale varieties. The flowers, also, add additional beauty. They are like all other variegated Geraniums, excellent for parlor or greenhouse culture.

Alma. Dark green, margined silver.**Argus.** Chocolate, white and green.**Bijou.** Flowers, dazzling scarlet, leaves, bordered white.**Cherub.** Deep green, white and orange; flowers carmine.**Flower of Spring.** Leaves margined creamy-white; flowers scarlet.**Fontainebleau.** Green, zoned black; margins sulphur-white.**Italia Unita.** Carmine zone white and green; flowers scarlet.**Jane.** Disc of leaf, bright green, pure white margin.**Mountain of Snow.** (See Special Description.) 25 cents.**Quadricolor.** Brown, pink and white.**Queen of May.** White, green, bronze and pink.**Silver Pheasant.** Green and white, carmine band.**Stella.** Green, dark zone, bordered bronze and silvery white.

30 cents each, except where noted; \$3.00 per set of 13 sorts.

GLADIOLUS, FRENCH HYBRID.

Our collection is very select, embracing about thirty distinct sorts. Gladiolus, by planting every two weeks (from first of May to first of June), will give a succession of bloom from July until November. The bulbs are of the easiest culture, never failing to bloom. Our prices this season, owing to the large stock we hold, are much reduced. They are now so low that beds exclusively of Gladiolus may be planted at small cost.

25 cents each; \$2.25 per dozen. 50 choice flowering bulbs, in 25 named sorts, \$7.50.

100 choice flowering bulbs, in 25 named sorts, \$12.00.

The same, unnamed, 10 cents each; \$1.00 per dozen; \$6.00 per 100.

HARDY HERBACEOUS PLANTS.

The following list contains those not named elsewhere in this Catalogue. They comprise some old, well-known plants, but of considerable merit. They are grown in pots, and can be transplanted at any time.

Achillea Millefolium Rubra. Flowers bright red; 2 feet.

" **Ptarmica fl. pl.** Pure white, double, continuing in bloom most of the season.

" **Tomentosa.** Yellow; 2 feet.

Asperula Odorata. Very small, white flowers, in loose sprays, useful for bouquets; fragrant.

Armeria Elegans. Narrow, green leaves; bright red flowers, valuable for edgings; 9 inches.

Balms. Gold and silver, leaves emitting an agreeable fragrance; are good for city gardens.

Heimerocallis Humboldtii. (Day Lily.) Leaves handsomely marked with pure white; does best in shade.

Heimerocallis Sieboldiana. (Day Lily.) Leaves margined white; flowers purple; shady places.

" **Fulva.** Common orange-flowered Day Lily.

Iberis Sempervirens. (Pyramidal Candytuft.) Dark green, narrow leaves, with white flowers.

Iris Germanica. Six sorts. The German Iris is an admirable plant, with few rivals in the form and delicate coloring of its flowers; 2 feet.

Iris Japonica. Twelve sorts, mixed. Entirely distinct from the last, the stripings and markings being particularly fine; 2 feet.

Lychnis Chalcidonica. Scarlet; $\frac{1}{2}$ foot.

" **Viscaria fl. pl.** Pinkish-red, double flowers; 1 foot.

Lobelia Cardinalis. Purple.

Lotus Corniculatus. Fine-leaved, trailing, with yellow flowers; $\frac{1}{2}$ foot.

Orobis Vermis. Pea-shaped flowers, purple; neat habit; 1 foot.

Pulmonaria Cœrulea Var. Long, broad leaves, spotted with silvery white; flowers showy, blue.

Polemonium Reptans. Clusters of bright, blue flowers; $\frac{1}{2}$ foot.

Phlox Subulata. (Moss Pink.) Covered in early spring with small, bright, pink flowers; $\frac{1}{2}$ foot.

" **Alba.** Same as preceding; white.

Pyrethrum. Three sorts. Aster-like flowers of various shades of red.

Potentilla. (Cinquefoil.) Two sorts. Leaves resemble the strawberry.

Spiraea Filipendula. White, feathery spikes; $1\frac{1}{2}$ feet in height.

" **Ulmaria.** Flowers white; 2 feet.

Salvia Ordinalis—Alba and Cœrulea. Flowers white and blue; rather coarse-growing plants.

Stachys Lanata. Leaves downy white; 1 foot.

Tricyrtis Grandiflora. A beautiful, herbaceous plant, blooming during October and November.

Veronica Incana. Growing six inches in height; leaves grayish white; used for edgings.

" **Latifolia.** Bright, blue flowers, in spikes; 1 foot.

" **Repens.** White flowers, creeping, partly evergreen; $\frac{1}{2}$ foot.

30 cents each; \$3.00 per dozen. Set of 31 sorts of hardy herbaceous plants, \$7.50.

HARDY SHRUBS,

Of the following named varieties; large plants:

Pyrus Japonica.

Spiraea Prunifolia.

Calycanthus Floridus.

Spiraea Salicifolia.

Forsythia Veridissima.

Spiraea Thunbergia.

Spiraea Reevesii.

Styrax Japonica.

50 cents each. Set of 8 for \$3.00.

HABROTHAMNUS.

Coccineus. A bright scarlet variety of this winter-flowering plant, bearing a profusion of bright scarlet, tassel-like flowers; valuable for forcing.

Elegans. Flowers, bright carmine, borne profusely in drooping panicles; also a first-rate winter-blooming plant.

25 cents each; \$2.25 per dozen.

HELIOTROPES.

Caroline des Antioines. Lilac blue.

Cardinal Richeieu. Lavender-blue.

Duc du Lavedury. Rich blue, dark eye.

Garibaldi. Almost white.

Le Geant. Very light; large.

Reptans Major. Lavender and white.

Mignonne. Lilac.

Beauty of Bordeaux. Lavender.

B. Pfitzer. Lavender-rose, shaded. 30 cents.

Incomparable. Light; very fragrant.

Florence Nightingale. Light lavender.

Beauty of Oulton. Lilac-blue.

General Vanhambert. Light lavender.

Madam Facilon. Bluish-violet.

Le Negre. Very dark. 30 cents.

Md. Michel. Bluish-violet, light centre.

Mrs. Burgess. Dark violet.

Maculata. Purple, white spot.

Snow Wreath. (See *Novelties*.) 30 cents.

25 cents each; \$2.25 per dozen. Set of 19 sorts for \$3.00.

HETEROCENTRON ALBUM.

A pretty, free-flowering, shrubby plant, covered along the stems with small, white flowers; the reverse of the petals tinged pink during summer and fall; is an excellent winter-blooming plant.

30 cents each; \$3.00 per dozen.

HIBISCUS, (Chinese.)

These plants are becoming very popular as hedging plants. They are largely used in the Botanic Garden at Washington for this purpose, and of late years have attracted a great deal of attention; they are almost continually in bloom.

Hibiscus Rosa Sinensis. Single red.

" " **Aurantiaca fl. pl.** Double

orange.

" **Rosa Sinensis Cooperii.** Foliage variegated,

white, green and pink.

" **Rosa Sinensis Rubra fl. pl.** Double red.

" " **Versicolor.** Striped crimson,

rose and white.

" **Rosa Sinensis Grandiflora.** Rosy crimson, darker towards the centre. Very large.

30 cents each. Set of 6 for \$1.50. For newer sorts see *Novelties*.

HYDRANGEA.

Imperatrice Eugenie. Large heads of white flowers, tinted blue and pale rose. Hardy. A fine variety.

Lindleyi. A new species, introduced from Japan, with small heads of bright pink flowers.

Rouei.

Otaksa. Similar in color to the common "H. Hortensis," but much larger, flowering when the plants are quite small, the stems terminated with large panicles of rosy-carmine flowers.

Hortensis. The old, hardy variety, of great merit; growing about two feet in height; flowers pink, changing to bluish-purple.

Japonica Var. White and green leaves. 50 cents each.

Paniculata Grandiflora. (See *Special Description*.) 50 cents each.

Stellata Prolifera. (See *Novelties*.) \$1.00 each.

"**Thos. Hogg.**" (See *Novelties*.) \$1.00 each.

New Climbing. (See *Novelties*.) \$1.00 each.

30 cents each, except where noted. Set of 10 varieties for \$4.50.

HYDRANGEA PANICULATA GRANDIFLORA, (Syn. H. Deutzæfolia.)

One of the finest hardy shrubs in cultivation; the flowers are formed in large, white panicles, or trusses, six inches in length. The shrub grows to a height and breadth of four or five feet, and as the flowers slightly droop, few plants have the grace and beauty presented by this magnificent shrub; for cemetery decoration it has no equal. Continues in flower from August to November.

For extra large stock plants, \$2.00 each; 2d size, \$1.00 each; 3d size, 50 cents each; 4th size, 25 cents each.

HYDRANGEA JAPONICA VARIEGATA.

This, although a hardy plant, is excellent for greenhouse decoration during the summer. It is more especially suited for indoor use, as the leaves burn on full exposure to our hot mid-summer suns, but when planted in a half shaded situation will do well. The leaves are deep green, marked with pure white.
50 cents each; \$4.50 per dozen.

DOUBLE HOLLYHOCK.

We offer a fine and varied assortment of this showy plant, ranging through all shades of yellow, crimson, rose, violet, lilac, etc. Of the *Double White* variety we have a very fine strain, which is largely used in summer for cut flower work.
25 cents each; \$2.25 per dozen.

NEW JAPANESE HOLLYHOCK.

It differs from the ordinary Hollyhock in its pyramidal form and dwarf growth, growing only about two feet in height. The flowers are semi-double, of a bright scarlet-crimson; blooms during the summer months.
60 cents each; \$6.00 per dozen.

IVIES, ENGLISH, (*Hedera Helix*.)

Well-known hardy creeping or climbing plants.
25 cents each; \$2.25 per dozen.

IVY, GERMAN or Parlor, (*Senecio Scandens*.)

A rapid-growing, climbing plant, with yellow flowers; well adapted for covering trellis-work quickly, or as a house-plant in winter; leaves glossy green.
25 cents each; \$2.25 per dozen.

For new variegated variety and new dark-leaved sort, "*Senecio Macroglottis*," see *Noetics*.

IPOMŒA MORTONII.

A valuable climber or creeper, well suited either for climbing on trellis-work, or drooping over the sides of baskets or vases; flowers pinkish-lilac.
25 cents each; \$2.25 per dozen.

JASMINUM GRANDIFLORUM, (Catalonian Jessamine.)

A valuable winter-flowering plant, either for parlor or greenhouse; blooming without interruption from October to May. The flowers are pure white; most deliciously fragrant; used extensively by all bouquet makers.
25 cents each; \$2.25 per dozen.

JASMINUM REVOLUTUM.

A yellow-flowered Jessamine, growing rapidly to the height of from ten to twenty feet. A splendid plant for the Southern States, as it is hardy south of Maryland. Very fragrant.
25 cents each; \$2.25 per dozen.

JESSAMINE, CAPE, (*Gardenia Florida* and *Radicans*.)

Flowers white, shaped like miniature camellias; deliciously fragrant.
Strong plants, 50 cents each; \$4.50 per dozen. Smaller plants, 30 cents each; \$3.00 per dozen.

JUSTICIA COOPERII.

A neat, variegated-leaved plant, with bright carmine and white flowers. Blooms during the spring and winter months.
30 cents each; \$3.00 per dozen.

LINUM FLAVUM.

A plant of the flax order, of extremely neat habit; growing about one foot in height, with flowers of pure yellow, nearly two inches in diameter, almost covering the plant when in full bloom.
25 cents each; \$2.25 per dozen.

KLENIA REPENS.

A succulent plant, with long, fleshy glaucous, upright green leaves; used as a basket plant or for bedding with other succulents.
30 cents each; \$3.00 per dozen.

KONIGA MARITIMA VARIEGATA, (Var. Sweet Alyssum.)

This is one of our most useful variegated plants. The white of the foliage predominates over the green, making the plant in the summer season one of the very best we have for massing or in ribbon-lines, in contrast with dark foliage. It is also excellent for baskets, and as it blooms freely in winter, its sweet-scented white flowers are much used for bouquets.
25 cents each; \$2.25 per dozen.

LILY OF THE VALLEY, (*Convallaria Majalis*.)

This beautiful little plant is extensively grown for forcing in the winter and early spring months, the pendulous grace of its white flower spike being much prized in the construction of the most valuable baskets and bouquets. It is entirely hardy, preferring a position slightly shaded. (See *Cut.*)
25 cents each; \$2.25 per dozen; \$15.00 per 100.

LANTANAS.—General Collection.

We have few continuous blooming plants that afford a greater variety of color than the Lantana. It is yearly becoming more extensively cultivated, so that it ranks as one of the most important plants that we grow. The varieties named below have been selected from our importations of the last few years as the most distinct.

Adolph Avas. Canary; dark centre.
Alba. White.
Alba Lutea Grandiflora. White; yellow centre.
Alba Perfecta. Pure white; very fine.
Aurantiaca. Bright orange.
Clotilda. Pink; yellow centre.
C. De Mounsey. Pink and straw color.
Delicatissima. Deep lilac.
Don Calmut. Orange.
Eugenie. Rose and white.
Flora. Orange and pink.
Fulgens. Yellow and orange.
Flava Lilacina. Lilac and orange.
Flaviana. Canary.
Grand Sultan. Purple and yellow.
Hendersonii. Rose; white centre.
King of Roses. Scarlet and orange.
Lenain. Orange and carmine.
Lina Etiger. Straw color; dwarf and profuse.
Magnum. Large; white-yellow centre.
Marcella. Lilac rose, changing to yellow.
Mr. Porcher. Rose and salmon shaded.
Mons. Buchartlet. Golden yellow.
Mouffek. Crimson; compact habit.
Mutabilis Major. Orange and scarlet.
Mr. Caillotte. Orange red; yellow centre.
Mr. Hoste. Rose and orange.
Raphael. Purple, orange and rose.
Rubra Lutea. Red and yellow.
Splendens. Purplish red.
Triumph. Dark orange.
Victoria. White; lemon centre.
25 cents each; \$2.25 per dozen. Set of 32 sorts for \$4.50.

LIBONIA FLORIBUNDA.

A neat-growing greenhouse shrub, attaining a height and breadth of twelve or fifteen inches. The flowers, which are about an inch in length, are scarlet-orange at the base, running into deep yellow at the top, in some degree resembling a *Manettia*. It blooms, in the greatest profusion, from December to May, and is a great acquisition to our winter-blooming plants.

25 cents each; \$2.25 per dozen.

LILIUM UMBELLATUM.

LILIUM LONGIFLORUM.

LILIUMS.—In Variety.

Seldom, on the introduction of a class of plants, has so much interest been taken as in the case of the Japan Lily. So popular have they become, that where we annually sold hundreds a few years ago we now sell thousands. The Liliiums are entirely hardy, and many of them are fragrant. The coloring of some of the Japan varieties—crimson on white or rose grounds—is beautiful in the extreme.

- Lilium Auratum.** Fine bulbs. 75 cents each; \$7.50 per dozen.
- **Candidum.** Pure white. 25 cents each; \$2.50 per dozen.
- **Lanceifolium Rubrum.** Red spotted. 25 cents each; \$2.50 per dozen.
- **Roseum.** Rose spotted. 25 cents each; \$2.50 per dozen.
- **Album.** 75 cents each; \$7.50 per dozen.
- **Longiflorum.** Trumpet-shape; white. (*See Cut.*) 15 cents each; \$1.50 per dozen.
- **Tigrinum fl. pl.** (Double Tiger Lily.) 50 cents each; \$4.50 per dozen.
- **Bulbiferum.** 30 cents each; \$3.00 per dozen.
- **Umbellatum.** Deep red. (*See Cut.*) 25 cents each; \$2.50 per dozen.
- **Maculatum.** Red spotted. 30 cents each; \$3.00 per dozen.
- **Maculatum.** Dark red; yellow spotted. 50 cents each; \$4.50 per dozen.
- **Aurantiacum.** Orange. 30 cents each; \$3.00 per dozen.
- **Umbelliferum.** Flowers borne in umbels. 30 cents each; \$3.00 per dozen.
- **Canadense.** Light orange. 25 cents each; \$2.50 per dozen.
- **Philadelphicum.** Scarlet. 50 cents each; \$4.50 per dozen.
- **Superbum.** 25 cents each; \$2.50 per dozen.

Set of 16 distinct sorts for \$5.50.

LYCHNIS FLOS CUCULI PLENO,
(Double White Lychnis.)

A valuable plant for summer bouquets; flowers pure white; two inches in diameter, resembling a double Carnation. It blooms from the middle of June to October; entirely hardy in this section.

30 cents each; \$3.00 per dozen.

LONICERA (Honeysuckle.)

Belgium, or Dutch Monthly. Very fragrant; blooming all summer.

Brachypoda. Valuable for its remarkably vigorous growth; flowers yellow; fragrant.

Brachypoda Aurea Reticulata. Leaves netted with bright yellow; flowers yellow; fragrant.

Flexuosa. An old favorite; holding its leaves during nearly the entire winter; flowers variegated, red, yellow and white; sweet scented.

Halliana. Another evergreen honeysuckle, with very fragrant white flowers.

First size, 50 cents each; \$4.50 per dozen.

Second size, 25 cents each; \$2.25 per dozen.

BEDDING, or DROOPING GREENHOUSE
LOBELIAS.

Among the most useful plants for hanging baskets, or for the front or outside row in ribbon lines. Their dwarf habit, and the profusion of their charming little blue and white flowers, render them exceedingly ornamental.

Emperor William. Large, deep blue.

Erecta Compacta. Light blue.

Miss Murphy. White, compact habit.

Paxtonii. Blue, white eye.

Perfection. Dark blue; white eye; compact.

Brilliant. Dark rich blue.

Compacta. Violet.

Queen Victoria. Rich blue; white eye.

Ivory Pearl. Pearly-white.

12 other new sorts.

25 cents each; \$2.25 per dozen. Set of 20 sorts for \$3.00.

LOTUS JACOBÆUS.

A summer-blooming plant, with fine, light-green foliage, growing two feet in height; flowers dark brown, nearly black; fragrant, and borne very freely.

25 cents each; \$2.25 per dozen.

LYSIMACHIA NUMMULARIA,
(Moneywort.)

This old and well-known plant is indispensable for drooping around the edges of baskets or vases, its graceful stems often falling four feet from the edge of a basket or vase. It is attractive at all times, but particularly so in June, when covered with its rich yellow flowers.

25 cents each; \$2.25 per dozen.

LYSIMACHIA NUMMULARIA AUREA.

A variety of the above, with bright yellow foliage, which will prove, from its drooping habit, to be very valuable for baskets.

30 cents each; \$3.00 per dozen.

MADEIRA, or MIGNONETTE VINE.

One of the best plants for rapidly covering trellis-work. Flowers feathery-white, with fragrance of Mignonette.

10 cents each; \$1.00 per dozen.

MAHERNIA ODORATA.

A neat-growing greenhouse plant, blooming in the early spring months; flowers yellow; bell-shaped, of exquisite fragrance.

25 cents each; \$2.25 per dozen.

MAMMILLARIA MULTICEPS.

A round-growing Cactus, from the surface of which projects tubercles, terminated by short spines. The flowers are small, tubular, carmine-scarlet.

60 cents each; \$6.00 per dozen.

MANETTIA CORDIFOLIA.

A neat, graceful, summer-blooming, climbing plant, bearing crimson-scarlet flowers in great profusion the entire season; excellent for training on any kind of trellis-work.

25 cents each; \$2.25 per dozen.

MANETTIA BICOLOR.

This variety is always scarcer than the preceding; same style of growth; flowers scarlet and yellow.

30 cents each; \$3.00 per dozen.

MARANTA.

Bicolor. Dark green, marked with dark brown.

Pulchella. Light green, striped with chocolate; both varieties require a hot-house temperature.

30 cents each; \$3.00 per dozen.

MARANTAS, (Newer Sorts.)

The marking of the leaves of some of the newer sorts of these plants are handsome in the extreme; as decorative plants, grown for specimens in the conservatory, they are exceptionally fine, being well adapted for that purpose. We offer 6 rare and distinct sorts.

\$1.00 each; \$5.00 for set of 6.

**MESEMBRYANTHEMUM CORDIFOLIUM
VARIEGATUM, (Variegated Ice Plant.)**

Valuable for baskets or vases, as its succulent character enables it to stand our hot and dry weather admirably. The variegation of the leaves, white and green, is very distinct, and the star-like, purple flowers contrast finely with the creamy-white foliage. This plant is considered one of the finest for front "ribbon-lines," and is used in immense quantities in "Battersea Park" and other public grounds about London.

25 cents each; \$2.25 per dozen.

MESEMBRYANTHEMUM, ("Wax Pink.")

These are valuable, from their peculiar nature, for planting on dry, barren ground. They will grow and do well where other plants would fail. The foliage is fleshy, succulent; the flowers bright and attractive. Are desirable vase plants.

Aurantiaum. Dark orange.

Cordifolium. Pink.

"Variegatum. (See Special Description above.)

Glaucum. Deep violet-pink.

Blandum. White.

Deltoidum. Pink.

Nitidum. White.

25 cents each; \$2.25 per dozen. Seven sorts for \$1.25.

MYRSIPHYLLUM ASPARAGOIDES.—SMILAX.

**MYRSIPHYLLUM ASPARAGOIDES,
(Smilax.)**

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage, and its peculiar wavy formation renders it one of the most valuable of all plants for vases or hanging baskets, as it can be used either to climb or to droop, as required. In cut flowers, particularly for wreaths, it is now

considered indispensable by all florists. Its hard texture enables it to keep without wilting for several days after being cut. Its cultivation has now become a speciality in every large city, greenhouses being devoted solely to its cultivation. For a parlor or window plant it is indispensable. (See *Cult.*)

25 cents each; \$2.25 per dozen.

\$15.00 per hundred.

MIKANIA VIOLACEA.

A climbing or creeping plant, with very striking foliage of a purplish green—with a velvet-like upper surface; under, glossy carmine. Is a most desirable plant for baskets, the color of the leaves being novel and different from anything else we have been using for that purpose.

30 cents each; \$3.00 per dozen.

**MYRTUS COMMUNIS,
(Double and Single Myrtle.)**

Sweet-scented Myrtle, used largely in the construction of bouquets, and is that used by the Jews in their religious rites and ceremonies.

30 cents each; \$3.00 per dozen.

MIMULUS.—In Variety.

Strikingly handsome flowers, among the gayest ornaments of the greenhouse or flower garden.

Moschatus (Musk Plant). Yellow.

Tigrinis. An exceedingly beautifully-blotched and spotted hybrid, rivaling the Calceolaria in the variety of its brilliant colors.

25 cents each; \$2.25 per dozen.

WHITE CRAPE MYRTLE.

**WHITE CRAPE MYRTLE, (Lagerstræmia
Indica Alba.)**

A white-flowering variety of this beautiful shrub, we believe, has been comparatively unknown until lately. Hardy in the Southern States, but when grown in the North should be kept in pots or tubs, and kept in a dry cellar in winter.

50 cents each; \$4.50 per dozen.

MYOSTIS, (Forget-Me-Not.)

Dissitiflora. When in bloom about 9 inches high, covered with its rich blue flowers, each flower having a round, white spot in its centre. These are now much used for forcing for winter flowering.

Palustris. The well known "Forget-me-not" of the garden; blue.

25 cents each; \$2.25 per dozen.

NERIUM, (Oleander.)

Album Plenum. (See *Novelties.*) 75 cents each.

Album. White.

Carneum. Large, double pink.

Nivium. Pure white.

50 cents each; \$4.50 per dozen, except where noted. Set of 4 sorts for \$2.00.

NIEREMBERGIA RIVULARIS.

The plant is of a creeping habit, rising only a few inches from the ground; flowers pure white, with yellow disc; flowering from June to September.

30 cents each; \$3.00 per dozen.

NIEREMBERGIA GRACILIS.

A well-known bedding plant, of slender, grass-like habit, with bluish-white flowers an inch in diameter; flowering from June to October.

30 cents each; \$3.00 per dozen.

NERTERA DEPRESSA.

One of the most attractive of Alpine plants. The creeping stems are slender, densely matted, with very small, dark green leaves, forming a dense tuft, on which the brilliant orange-scarlet berries rest. The fruit forms a brilliant contrast with the foliage. It is particularly adapted for hanging baskets, rock-work, etc.

30 cents each; \$3.00 per dozen.

OXALIS.—In Variety.

Excellent plants, either for baskets or vases, or for window culture—blooming nearly the entire season, colors white, yellow, crimson, rose, orange, &c., &c.

25 cents each; Set of 6 sorts for \$1.00.

OTHONNA CRASSIFOLIA.

In habit it somewhat resembles some of our varieties of Sedums. It is excellently adapted for carpeting the ground under shrubs, or as a plant for baskets or vases.

25 cents each; \$2.25 per dozen.

PACHYPHITUM AUREUM.

A low-growing succulent plant with brownish golden foliage. It does well in dry situations.

30 cents each; \$3.00 per dozen.

PÆONIA.

A well-known, hardy herbaceous plant. Our collection comprises some of the most distinct sorts, varying in color from white to deep crimson.

30 cents each; \$3.00 per dozen.

PAMPAS GRASS, (Gynerium Argenteum.)

A stately species of grass from South America, growing six feet in height, with plumes of yellowish white, one to two feet in length; it looks best as a single specimen. As it is not quite hardy North, it requires protection of eight or ten inches of leaves around the roots, or it can be removed to the cellar, and replanted in spring.

The plants we offer this season are all certain to flower—the “flower” is the “California Pampas Plume,” now so much used when dry for decorative purposes. (See Cut.)

30 cents each; \$3.00 per dozen. Larger size, 50 cents each; \$4.50 per dozen.

PAMPAS GRASS, (Newer Sorts.)

Gynerium Argenteum Bartonii.

— **Violacea.**

— **Variegata.**

— **Pendula.**

Price, 75 cents each; set of 5 for \$2.50.

PANSIES.

Our strain of Pansies has been deservedly popular for the past five years, and perhaps from no plant we have sold have we had more complimentary reports.

15 cents each; \$1.50 per dozen; \$9.00 per 100.

PALMS.

Dion Edule. Quite similar to the Sago Palm. \$1.00 to \$3.00 each.

Corypha Australis. A splendid, robust grower. \$1.00 to \$2.00 each.

Sabal Adamsonii. \$1.00 each.

Seaforthia Elegans. Very fine. \$1.00 each.

Caryota Urens. 50 cents to \$1.00.

Chameroops Humilis. \$1.00.

Latania Borbonica. This Palm is too well-known to need any description; its strong constitution and other general characteristics, renders it one of the most easily grown. Price, 50 cents to \$3.00 each.

Brahea Filamentosa. (See *Special Description*.) Price, \$2.00 each.

Oreodoxia Regia. (Royal Palm). \$1.50 each.

Cycas Revoluta (Sago Palm). Price \$1.00 to \$5.00 each.

Sabal Speciosa. \$1.00 each.

Set of 11 sorts, according to size, from \$8.00 to \$15.00 per set.

PASSIFLORA, (Passion Flower.)

These beautiful and interesting plants climb to a height of 20 or 30 feet if desired. “P. Coerulea is hardy, with slight protection, in this latitude color varying in the different sorts—blue, crimson, white, etc.

Passiflora Pfordti. Purple.

— **Coerulea.** Blue.

— **Alba.** White. 50 cents.

— **Buist's Hardy.** Blue; very abundant bloomer.

— **Landoni.** Purple; distinct foliage. 50 cents.

— **Decasaine.** Purple. 50 cents.

— **Alata.** Blue and white.

30 cents each, except where noted; \$3.00 per dozen. Set of

7 sorts, \$2.00.

PEPEROMIA.

Pretty, dwarf-growing plants, requiring partial shade and moisture; suitable for baskets, vases, ferneries, etc.

Maculosa. Bright green, marked along the veins with grayish white.

Magnificolia. Leaves resemble the magnolia; bright green.

Verschaffeltii. Leaves marked with frosted white or silvery stripes. Splendid for the hot-house or Wardian case.

Resediflora. This plant bears tiny, spire-like spikes of white flowers at the apex of pink stems, the lower portions of which are clothed with small, velvety leaves.

30 cents each; \$3.00 per dozen. Set of 4 for \$1.00.

PEDILANTHUS PADIFOLIUS.

A curious plant, resembling the “Euphorbia in habit and general appearance.

30 cents each; \$3.00 per dozen.

PERISTROPHE ANGUSTIFOLIA VARIEGATA.

A beautiful variegated plant, which has as yet had but a limited distribution; as a plant for hanging-baskets, or for ribbon-lines in massing, it is particularly valuable; it forms a compact bush six inches in height, and about one foot in diameter; the leaves are beautifully marked with golden-yellow and green, the yellow predominating.

25 cents each; \$2.25 per dozen.

PENTSTEMONS.

This beautiful class make fine plants of from eighteen inches to two feet in height, and are in continuous bloom from the time they are planted out until frost; flowers in spikes of Gloxinia-like form, shaded and mottled in all colors of white, blue, scarlet, crimson and pink.

25 cents each; \$2.25 per dozen. Set of 12 sorts for \$2.00.

PHYSIANTHUS ALBENS.

A beautiful climber, flowering during the summer and fall months. It is of rapid growth; the flowers are pure white and fragrant, exceedingly useful for summer bouquets. The seed pods are as large as an orange, and very ornamental. It has been called the “Cruel Plant,” owing to its flowers forming a trap which catch butterflies and other insects.

25 cents each; \$2.25 per dozen.

PETUNIAS, SINGLE.

We have hundreds of varieties, from seed, varying through all the shades of crimson and rose to purest white, striped, mottled, and self-colored. For new strain see *Novelties*.

10 cents each; \$1.00 per dozen.

PETUNIAS, DOUBLE.

25 cents each; \$2.25 per dozen. Set of 14 sorts for \$2.50.

(For new varieties, see “*Novelties*.”)

PINK, ALBA FIMBRIATA.

A double sort, of good form and substance; quite fragrant, and extensively grown around New York for forcing during the winter months. Like the rest of its class, it is excellent for summer bouquets. Flowers double, fringed, one inch in diameter; entirely hardy.

25 cents each; \$2.25 per dozen.

PINKS, FLORISTS.

These are dwarfier than the Carnation, growing about one foot in height, the colors being of the various shades of maroon, carmine, and rose, beautifully laced with white; flowers perfectly double, clove-scented; *plant entirely hardy*. The varieties embrace all shades and styles; indispensable for summer bouquets.

25 cents each; \$2.25 per dozen. Set of 37 sorts \$6.00.

PINKS, "Summer Garden Varieties."

Comprising over a dozen distinct and beautiful varieties; colors white, crimson, rose, violet, maroon, etc., etc.; exceedingly well adapted for summer bouquets; blooms from June to November.

15 cents each; \$1.50 per dozen.

DOUBLE WHITE MULE PINK.

This somewhat resembles the well-known crimson German Pink, known as *Dianthus Querteri*, but the flowers are pure white—a valuable plant for summer flowers.

30 cents each; \$3.00 per dozen.

MULE PINKS.

Pinks of dwarf, neat growth, about nine inches in height, flowering continually during the summer; flowers rosy carmine.

25 cents each; \$2.25 per dozen.

FORCING PINK, "Lady Blanche."

A rose petaled, *pure white* variety, double, of fine form and fragrance; it is equally prolific in bloom as the well known white fringed pink, but having much larger and finer-formed flowers.

30 cents each; \$3.00 per dozen.

PILEA.

Serpæfolia (Artillery Plant.), Graceful frond-like leaves which, when in flower, produce a snapping sound when water is thrown on the leaves.

Reptans. Leaves bright green, of small size, suitable for baskets, vases, etc.

25 cents each; \$2.25 per dozen

POLYGONUM SCANDENS.

A trailing or creeping plant, suitable either for baskets or vases. The leaves are small, round, bright green; it keeps its foliage well in the parlor or sitting room in winter, doing well in the shade.

30 cents each; \$3.00 per dozen.

POMEGRANATE.—In Variety.

Punica Granatum Album. White.

— Orange and yellow.

— **Plenum.** Double white.

— **Nana.** Dwarf.

30 cents each; \$3.00 per dozen. Four sorts for \$1.00.

PRIMROSE, DOUBLE WHITE CHINESE.

Perhaps this is the most profitable of all plants we cultivate for winter flowers, well-grown specimens, from November to April, yielding often 500 flowers. Our stock is large, and plants in fine health, always a scarce plant, being slow to increase.

Large plants, \$1.50 each; \$12.00 per dozen. Smaller \$1.00 each; \$9.00 per dozen.

PRIMROSE, CHINESE, SINGLE RED AND WHITE.

One of the finest winter-blooming plants, the single varieties blooming more profusely than the double sorts, and of easier culture; they are especially adapted for window gardening, giving an abundance of bloom during the winter months. Care should be taken, however, not to keep them too wet.

1st size, 50 cents each; \$4.50 per dozen. 2d size, 25 cents each; \$2.25 per dozen.

DOUBLE WHITE HARDY PRIMROSE, (Primula Vulgaris Alba Plena.)

One of the earliest of spring flowers. It is hardy in the vicinity of New York, and is much used as a spring flower in our cemeteries.

30 cents each; \$3.00 per dozen.

POTENTILLA, Single and Double.

Nearly hardy herbaceous plant, blooming profusely in the summer; colors, bright yellow, orange, brown, deep crimson, etc.

25 cents each; \$2.25 per dozen.

PHLOX, HARDY HERBACEOUS.**General Collection.**

As this beautiful genus of hardy plants blooms well in partial shade, they are, perhaps, the most valuable plants we cultivate for city gardens or shrubberies. Our collection embraces every color from pure white to darkest crimson.

25 cents each; \$2.25 per dozen. Set of 40 distinct sorts for \$6.00.

PLUMBAGO.

Rather scarce plants, answering admirably for summer and winter blooming—two of the varieties producing large heads of blue flowers, the other white.

Capensis. Light blue. **Lapentæ.** Dark blue.

Alba. White.

25 cents each; \$2.25 per dozen.

POINSETTIA PULCHERRIMA.

A tropical plant of gorgeous beauty, the bracts of leaves that surround the flower being, in well-grown specimens, one foot in diameter, of the most dazzling scarlet. In a hot-house temperature of 60 degrees it begins to bloom in November, and remains expanded until February. This peculiarity of blooming in the heart of winter makes it largely in demand for baskets and vases of cut flowers at the holidays in our large cities. During the holiday week of last year we sold 3,000 heads of *Poinsettia*, at an average of 20 cents each.

25 cents, 50 cents, \$1.00, and \$3.00 each, according to size.

(For New Double Poinsettia, see *Novelties*.)

REINECKEA CARNEA.

A dwarf-growing, grass-like plant, bearing carmine flowers; an excellent plant for aquariums, the margins of fountains, etc.

30 cents each; \$3.00 per dozen.

RONDELETIA ANOMALA.

This neat little plant should be in every collection. It flowers when quite small, and continues in bloom all summer, and if lifted and potted makes an excellent winter-blooming plant. Flowers bright vermilion.

30 cents each; \$3.00 per dozen.

RUELLIA FORMOSA.

A winter-flowering, salvia-like plant, bearing flowers of the most brilliant scarlet during the entire winter months.

30 cents each; \$3.00 per dozen.

RUSSELLIA JUNCÆA.

A splendid basket plant, of neat, slender habit, with very bright scarlet flowers, which are very conspicuous. This is one of the very best plants for centres of baskets and vases, as by its drooping habit it resembles a perfect shower of scarlet blossoms.

30 cents each; \$3.00 per dozen.

RICINUS, (Castor Oil Bean.)

A tropical-looking foliage plant, unequaled for a single specimen or in masses on a lawn.

25 cents each; \$2.25 per dozen.

ROSES.

The monthly, or ever-blooming sorts, undoubtedly, give better satisfaction than the Hybrid Perpetuals—flowering continually—but not being hardy north of Maryland, require protection (which is best done by covering the roots in December with leaves or coarse litter, to about six inches in depth). The Hybrid Perpetuals are perfectly hardy, but do not bloom, as their names would indicate, perpetually, giving only one profuse bloom in June, and a partial bloom throughout the summer.

All are grown on their own roots, from cuttings of the young wood. They are healthy plants that have never been forced, and are grown in pots.

For New Monthly Roses, See *Novelties*.

ROSES, BEDDING.

These are nice healthy plants, grown in smaller pots than the following, and we can therefore sell them at much lower rates. Last year these same sized plants gave such general satisfaction that this season we have grown them much more extensively. Most of the varieties of Roses named in the following list of Teas, Bourbon, and Bengals, are included in this selection. The kinds, however, must be of our own selection.

20 cents each; \$2.00 per dozen. \$15.00 per hundred.

Our selection of sorts only, but all named varieties.

ROSES, MONTHLY or EVER-BLOOMING.

TEA.

This set of thirty-eight Roses contains many new or scarce sorts, the whole having been selected as varieties having the greatest contrast in color, combining, at the same time, free-flowering qualities, *either for summer or winter bloom*. They are mostly Tea Roses, and are consequently ever-blooming. We may state, that when not wanted for winter-flowering, a covering of six inches of dry leaves or straw around the roots, put on in December, will preserve them through the winter in the Northern States; in most of the Southern States they will be hardy without covering. The varieties in heavy type are those grown principally in winter for forcing for cut flowers.

AMERICAN BANNER. Striped. \$1.50. (*See Novelties.*)

Adam. Large; pinkish purple.

BELLA. Pure white.

Belle Almande. Blush.

Bianqui. French white.

BON SILENE. Purplish carmine.

Catherine Mermet. Blush.

CORNELIA COOK. Pure white; extra large.

DOUGLAS. Rich crimson; entirely distinct in color.

Duc de Cayes. Yellowish white.

DUCHESS DE BRABANT. Light pink; fine.

ISABELLA SPRUNT. Canary yellow.

La Jonquille. Golden yellow; splendid.

La Nankin. Bright yellow; tipped white.

La Phœnix. Carmine rose.

Leveson Gower. Rosy salmon.

Louis Gigot. Pure white.

Madame Capucine. Copper yellow; very distinct.

Madame Caroline Kuster. Beautiful orange yellow.

Madame Denuis. White, with sulphur yellow centre.

Madame de St. Joseph. Deep pink.

Madame Margottin. Yellow and rose.

Madame Maurin. Pure white.

Madame Ristori. Blush.

Madame Russell. Light pink.

Marie de Bau. Rich blush.

Marie Ducher. Deep rose.

Marie Sisley. White-tipped carmine; shell-like.

Melville. Pink.

NIPHETOS. Pure white.

Nina. Large pinkish rose.

Odorata. Blush.

Pauline Leboute. Light blush.

PEARL OF THE GARDEN. Deep yellow.

SAFRANO. Orange yellow.

Stella. Light yellow.

Souvenir d'un Ami. Light lilac.

Yellow Tea. Straw color.

1st size, 60 cents each; \$3.00 per dozen, except where noted.

Set of 33 varieties for \$15.00.

2nd size 30 cents each; \$3.00 per dozen, except where noted.

Set of 33 varieties for \$7.50.

ROSES, BOURBON and BENGAL.

Agrippina. Bright crimson.

Appoline. Cupped carmine.

Bean Carmine. Light crimson.

Bosauquet. Blush white.

Bouquet de Marie. Deep pink.

Cramoise Superior. Purplish crimson.

Compte Robinsky. Rich crimson.

Duchess Thuringe. French white.

Louis Phillipe. Crimson.

Hermosa. Pink, extra.

Pierre St. Cyr. Rosy carmine.

Ric de Cramoise. Red.

Sombriel. French white.

1st size, 60 cents each; \$6.00 per dozen. Set of 13 sorts for \$6.00.

2nd size, 30 " " 3.00 " 13 " 3.00.

NOISETTE, or CLIMBING MONTHLY.

America. Canary color.

Caroline Manais. Blush white; extra.

Cloth of Gold. Light canary yellow.

Claire Carnot. Orange.

Galletta. Deep pink.

James Sprunt. Deep crimson.

Lamarque. Large pure white.

Marshal Neil. Deep canary yellow; large.

Reve D'Or (Climbing Safrano.) Buff.

Rosamond. Scarlet crimson.

Setina. Dark crimson.

Washington (White.) Flowers white.

1st size, 60 cents each; \$6.00 per dozen. 2nd size, 30 cents each;

\$3.00 per dozen.

HARDY ROSES.—Remontant or Hybrid Perpetual.

Achille Gouad. Deep blush.

Adonis de Lyons. Rosy blush.

Albertus. Purplish crimson.

Augusta Mie. Deep blush.

Baron de Bonstetton. Violet crimson.

Baron Prevost. Rich pink.

Cardinal Patrizzi. Brilliant crimson.

Chas. Lefevre. Reddish crimson.

Compte de Paris. Rich blush.

Coquette de Alpes. White, centre carmine

Coquette des Blanches. Pure white.

Cymabie. Violet crimson.

Eugene Sue. Light crimson rose.

General Forney. Clear red.

General Jacquemenot. Crimson scarlet.

General Laue. Dark rose.

General Washington. Scarlet crimson.

Gloire of Waltham. Crimson purple.

Imperatrice Josephine. Blush.

Jules Margottin. Bright deep crimson.

La Reine. Satin rose.

Louis Carriège. Carmine.

Louis Verger. Carmine crimson.

Marquise de Ligneris. Bright rose.

Md. Kuorr. Pink.

" **C. de Islay.** Light rose blush.

" **Laffay.** Light crimson; very fragrant.

" **de Willermots.** Cup-shaped; extra.

" **Plantier.** Pure white.

Mt. Carmel. Carmine.

Mrs. Chas. Wood. Brilliant red.

Mrs. Reynolds. Cupped; carmine.

Paul Veron. Dark rose; extra large.

Peerless. Rich crimson.

Pæonia. Reddish crimson.

Plus IX. Crimson velvet.

Princess de Rohan. Violet crimson.

" **" Matilda.** Deep blush.

Purple of Orleans. Purplish violet.

Reine d'Angleterre. Fine bright rose.

" **des Violets.** Dark violet.

Sydouia. Light blush.

Triomphe de Alençon. Bright crimson.

" **" Exposition.** Crimson red.

" **" Reims.** Light rose.

William Penn. Light crimson.

1st size, 60 cents each; \$6.00 per dozen. Set of 46 sorts for \$20.00. Full set of 100 varieties of Roses—Monthly and H. P.—\$36.00.

2d size, 30 cents each; \$3.00 per dozen. Set of 46 sorts for \$10.00. Full set of 100 varieties of Roses—monthly and H. P.—\$18.00.

ROSES, HARDY GARDEN.

MD. PLANTIER.

A perfectly hardy, pure white, double Rose, of the Hybrid China class. One of the best white roses there is. It is excellently adapted for cemetery decoration, etc. Growth free and vigorous.

1st size, 60 cents each; \$6.00 per dozen.

2d " 30 " " 3.00 "

CLIMBING—Hardy.

Baltimore Belle. Blush white.

Boursalt Elegans. Purple crimson.

Gem of the Prairies. Crimson, lightly-veined white.

Seven Sisters. Blush and crimson.

Prairie Queen. Purple, veined white.

Scarlet Greville. Crimson scarlet.

1st size, 60 cents each; \$6.00 per dozen.

2d " 30 " " 3.00 "

AYRSHIRE ROSES.

These may be termed correctly, running roses. Their growth is slender and very rapid. For planting in rough situations, where others will not thrive, for covering banks, or for running up old trees or pillars, they are unsurpassed.

Bennet's Seedling. White; small and double.

Dundee Rambler. White; semi-double.

Ruga. Pale flesh; large and double.

1st size, 60 cents each. \$6.00 per dozen.

2d " 30 " " 3.00 "

ROSES, MOSS.—Imported.

Aphelis. Purple.

Adelaide. Carmine.

Countess Muranais. White.

Crested Moss. Extra fine.

English. Red.

Raphael. Red.

Extra large plants, \$1.50 each; set of 6 sorts for \$7.00.

SAXIFRAGA SARMENTOSA.

A low-growing plant; much like a Strawberry in habit, with leaves marked with silvery white. Excellent for hanging-baskets or rockwork.

25 cents each; \$2.25 per dozen.

SANCHEZIA NOBILIS.

A hothouse plant, with broad, lance-shaped leaves, beautifully veined and marbled with orange yellow. Comparatively new and scarce.

30 cents each; \$3.00 per dozen.

SANTOLINA CHAMÆCYPARISSUS.

One of the best plants for edgings or ribbon lines to be found; growing about one foot in height. Foliage grayish white, contrasting well with dark-leaved plants.

25 cents each; \$2.25 per dozen.

SCUTELLARIA.

Scarce and beautiful plants, the ends of the branches of which are terminated with spikes of brilliantly-colored flowers—very ornamental.

Purpurea. Rosy-purple.

Pulchella. Rosy crimson.

25 cents each; \$2.25 per dozen.

SIBTHORPIA EUROPIA.

A pretty little creeping plant, with dark-green foliage. It grows freely in shady situations. A fine pot-plant.

30 cents each; \$3.00 per dozen.

SELAGINELLA (LYCOPODIUM.)—Mosses.

Plants used in warden cases or ferneries, and in some styles of cut-flower decorations; require partial shade and a moist atmosphere.

25 cents each; \$2.25 for set of 12 varieties.

SENECIO—8 varieties.

We offer some beautiful new varieties of this fine summer flowering plant. It grows to a height of two feet; flowers pure white, rose, crimson, etc., of daisy-like form, but in large clusters.

25 cents each; \$2.25 per dozen.

SALVIA.

Rosea. A distinct, winter-flowering Salvia, with rich, rose-colored flowers, borne in spikes, six inches in length.

Splendens (Scarlet Sage). Flower spikes of the most brilliant scarlet.

— **Gordonii.** Differs from the above variety in being much more dwarf.

— **Alba.** A white variety of "Splendens," identical in every respect, except in color, which is pure white.

Patens. A variety well suited to contrast with the scarlet, the flowers being of the richest blue.

Fulgens Var. Winter-flowering, with bright scarlet flowers; the foliage white, pink and rose.

Officinalis Var. A beautiful, tricolored variety of Sage; leaves white, green and pink, blotched.

Heeri. A winter-flowering Salvia. Flowers glossy scarlet, with a carmine tint.

Betheli. (See *Novelties*.) 75 cents.

Marmorata. (See *Novelties*.) 30 cents.

Mrs. Stevens. (See *Novelties*.) 50 cents.

25 cents each; \$2.25 per dozen, except where noted. Set of 11 sorts for \$3.00.

SEMPERVIVUM, (House Leek.)

A succulent genus of plants allied to the Sedums. The plants assume symmetrical, table-like forms, many of them very novel and interesting.

30 cents each; \$3.00 per dozen. Set of 9 sorts for \$2.00.

SEDUM, (Stone Crop).

We have to offer this season thirty distinct species of Sedums, all of them interesting, and many of them very beautiful, both in foliage and in flower.

30 cents each; \$3.00 per dozen. Full set of 30 species, \$6.00.

SOLLYA HETEROPHYLLA.

A beautiful, summer-climbing plant, with bright blue flowers, growing to the height of six feet. It is quite an old plant, but now scarce.

30 cents each; \$3.00 per dozen.

SOLANUM.

Hybridum Hendersonii. A distinct variety of the "Jerusalem Cherry," with a very neat and freely branched growth, from 12 to 18 inches in height, with small green leaves, the creamy-white blossoms of which are succeeded by a profusion of erect, cone-shaped fruits, of a brilliant orange color.

SOLANUM, (Continued.)

Pseudo, Cap Var. A variegated-leaved variety of the Solanum, the edges of the leaves bordered with creamy-white.

Jasminoides. Of more slender growth, adapting it for hanging baskets, etc.; leaves variegated with white and green; the edges have a purple tint.

25 cents each; \$2.25 per dozen.

STEVIA.

White, winter-blooming plants of great value, in style of growth and free-flowering qualities, resembling the "Eupatorium," (although botanically distinct,) and requiring the same treatment.

Compacta. Snowy white, blooming earlier, and continuing longer in bloom, than any other variety; is best from November to January.

Serrata. White; flowering during January and February.

— **Var.** Leaves variegated with creamy white.

25 cents each; \$2.25 per dozen.

SWEET WILLIAM.

Old garden favorites, the new varieties of which are very fine; both single and double-flowering. (See *Cult.*)

Auricula-Eyed. Single, all colors.

Double. All colors, mixed.

Double Crimson. Crimson.

25 cents each; \$2.25 per dozen.

STYRAX JAPONICA.

A new, hardy shrub from Japan, the flowers of which, when the plant is in full bloom, resemble a shower of falling snow-flakes. A valuable acquisition for cemetery purposer.

50 cents to \$1.00 each.

THYRSACANTHUS RUTILANS.

A well-grown plant of this is a most beautiful sight. The flowers are carmine-scarlet, borne in long, drooping racemes.

50 cents each; \$4.50 per dozen.

TRADESCANTIA DISCOLOR.

A strong-growing sort, the leaves borne upright; the under side violet-purple, the front light green; good for centre of baskets, vases, etc.

50 cents each; \$4.50 per dozen.

TRADESCANTIA

Vulgaris (Wandering Jew.) A drooping sort, with bright glossy, green leaves.

Zebrina. Leaves striped with silvery white, on a dark ground.

Aquatica. Very small, green leaves, for aquariums hanging baskets, etc.

Crassula. A strong-growing variety, with white flowers.

Repens Vittata. Bright green, striped white; a very effective basket plant.

Discolor. (See *Special Description*.) Price, 50 cents.

Buchanani. Much larger than Zebrina. 25 cents each; \$2.25 per dozen, except where noted. Set of 7 sorts for \$1.50.

TIGRIDIA CONCHIFLORA, (Shell Flower.)

One of our favorite summer-flowering bulbs, of the easiest culture, displaying their gorgeous tulip-like flowers daily from July to October; flowers orange-spotted black.

25 cents each; \$2.25 per dozen.

TALINUM PATENS VAR., (Basella Rubra Variegata.)

A beautiful species of half-shrubby style of growth. The leaves are succulent, variegated green and white. It stands the hot, dry summer to perfection, and is a very great addition to our basket or vase plants. The flowers are pinkish carmine.

25 cents each; \$2.25 per dozen.

TROPEOLUMS.

Excellent plants for the flower-border in summer, blooming in profusion from June till November. Extensively used for rock-work and vases. They bloom best in poor, rocky, or sandy soil. Colors scarlet, crimson, orange, etc., double and single.

25 cents each; set 12 sorts \$2.00.

TUBEROSE, DOUBLE.

Any one may grow the Tuberose with certainty of flowering it, if the following conditions are observed: In buying bulbs be sure that the flower-germ is sound, for on this point depends success, for if that has decayed, all the attention and care bestowed upon them will be of no avail. They must never be planted in the open ground, in the vicinity of New York, before the 20th of May. In planting, remove all off-shoots from the sides of the bulb, and plant about four inches deep. Bulbs planted under these conditions will not bloom much before September. When wanted earlier than this, they can be started in pots.

Flowering Bulbs, 1st size, 12 cents each; \$1.25 per dozen; \$9.00 per 100.

" " 2d, size, 9 cents each; \$1.00 per dozen; \$6.00 per 100.

" " Started in pots, 25 cents each; \$2.25 per dozen; \$15.00 per 100.

SINGLE TUBEROSES.

These are preferred by some florists for the construction of bouquets to the double, as they are more of a novelty, and besides come into bloom fully two weeks earlier, and for that reason are particularly valuable in localities where the season is too short for the double.

Prices same as for the double.

DOUBLE TUBEROSE, "Pearl."

The value of this over the common variety consists in its flowers being of double the size, imbricated like a rose, and its dwarf habit, growing only from 18 inches to 2 feet in height. In other respects it is the same as the common sort.

Extra sized bulbs, 15 cents each; \$1.50 per dozen.

Good blooming, 10 cents each; \$1.00 per dozen.

Started in pots, 25 cents each; \$2.25 per dozen; \$15.00 per 100.

TYDEA GIGANTEA.

Valuable both for its flowers and foliage. The leaves are like velvet. Flowers borne freely on an upright stalk; crimson, maroon, etc.

30 cents each; \$3.00 per dozen.

THYME.

Three ornamental varieties of the common Thyme, well suited for baskets or margins of flower beds. They are all as equally useful for culinary purposes as the common sort.

25 cents each; \$2.25 per dozen. Set of 3 sorts for 60 cents.

TORRENIA ASIATICA.

One of the prettiest summer plants for vases or hanging-baskets; flowers blue, of a Gloxina-like shape; flowers during the summer months.

For other sorts see *Novelties*.

25 cents each; \$2.25 per dozen.

VERONICAS.

A beautiful class of plants, blooming during the fall months. The flowers are borne on spikes from four to six inches in length, and are produced in great abundance, running through the various shades of purple, rose, lilac, and white.

Blue Gem. Dwarf habit, mauve.

Creme et Violet. Rose and mauve.

Gloire de Lorraine. Blue and white.

Imperialis. Amaranth red, changing to carmine.

Mammoth. Purple and white.

Marmorata. Rose color.

Triomphe de Meaux. Deep lilac.

Variegata. Foliage margined white.

25 cents each; \$2.25 per dozen. Set of eight distinct varieties for \$1.50.

VERBENAS.—Market Sorts.

The following varieties of Verbenas we have selected from our large collection as those combining the best qualities for sale or bedding purposes, embracing a wide range of color; are distinct, free bloomers, altogether a set that will give satisfaction:

Beauty of Oxford. Dark pink; immense size.

Canobie. Carmine, shaded violet, white eye, one inch in diameter.

Giant. Rich scarlet, yellow eye.

Mattie. White, rose margin.

Mrs. Hayes. Carmine scarlet; extra fine.

Miss Arthur. Dazzling scarlet.

Mrs. Wilson. The finest striped variety.

Negro. Black; extra fine.

Nemesis. Brilliant scarlet, yellow eye.

Pasha. Dark maroon.

Raven. Indigo.

Sylph. Pure white.

White Beauty. White, large, fine.

Willie. Violet crimson; yellow centre.

Zenobia. Purple, large white eye.

15 cents each; \$1.50 per dozen. Set of 15 sorts for \$2.00.

For new sorts, see *Novelties*.

VERBENAS.—General Collection.

Under this head we offer 60 of the finest varieties, whose merit is proven, by the fact of most of them having held their own against the hundreds of new sorts that have been raised in the past ten years.

10 cents each; \$1.00 per dozen. Set of 60 sorts for \$4.50, or the full collection of 100 varieties, New, Market, and General Collection for \$10.00. The same unnamed 75 cents per dozen.

VIOLETS.—Sweet Scented.

The varieties named below are the leading ones used here for forcing during the winter months. We need hardly state that the Violet now forms one of the principal items in the formation of bouquets, baskets, etc., of cut flowers.

Double Blue Neapolitan. Light blue.

Marie Louise. Dark blue flowers. Larger than the "Neapolitan."

Double White.

Victoria Regina. (See *Novelties*.) Price 30 cents each.

Belle de Chateauf. (See *Novelties*.) Price 30 cents each.

15 cents each; \$1.50 per dozen, except where noted. Set of five sorts, \$1.00.

Extra large plants of these sorts in the fall at double the above rates.

WAX PLANT, (Hoya Carnosa.)

This plant has thick, fleshy leaves, growing moderately fast, and bearing umbels of beautiful flesh-colored flowers, from which are exuded large drops of honey-like liquid. One of the best plants for house culture. For other sorts, see *Novelties*.

30 cents each; \$3.00 per dozen.

WISTARIA.

This is one of the most popular of our hardy vines, growing rapidly, climbing to a height of fifty feet or more, and when in bloom is truly magnificent. The flowers are borne in early spring, in long, drooping racemes, resembling in size and shape a bunch of grapes.

Frutescens (American Wistaria.) Flowers, pale blue; of denser growth than the Chinese variety.

Frutescens Alba. Pure white. Price 75 cents each.

Sinensis (Chinese Wistaria.) Bluish purple; growing more rapidly than the American Wistaria. Very often twenty feet in a season; flowering sometimes twice a year.

Var. Allenii. A new variety, said to differ from the parent stock in having darker flowers, which are developed with the leaves—as in the other sorts the flowers are produced first. This we believe will prove a valuable addition.

30 cents each; \$3.00 per dozen. Extra size, 60 cents each; \$6.00 per dozen. Set of four, \$1.50 and \$3.00 according to size.

VALLOTTA PURPUREA.

A beautiful scarlet summer-flowering bulb, of the Amaryllis class.

50 cents each; \$4.50 per dozen.

VINCA ROSEA, ALBA, and OCCULATA.

(READY MAY 1ST.)

This is a most attractive plant, blooming the entire summer season, forming a handsome shrub two feet in height and diameter. Of the three sorts named the first is carmine, or rose, the second pure white, and the third white, with crimson centre.

20 cents each; \$1.50 per dozen. Three varieties, 50 cents.

VINCA, (Periwinkle.)

- Vinca Major Variegata.
 " " Cærulea.
 " Argentea Variegata.
 " Elegans.
 " Minor Alba.

25 cents each; \$2.25 per dozen. Five sorts for \$1.00

YUCCA FILAMENTOSA, (Adam's Needle.)

Very ornamental. The leaves all radiating from a centre, are long and narrow, from the edges of which depend long white threads, or filaments. The flower stem rises from the centre to a height of four or five feet, bearing a spike of large, creamy-white, bell-shaped flowers, giving the whole plant a most striking appearance. Hardy.

50 cents each; \$4.50 per dozen.

SPECIAL LOW RATE LIST,

WHICH WE WILL SEND IN THE FOLLOWING COLLECTIONS,

Free, by Mail, for \$1.00,

Or by Express (buyer to pay charges) on the conditions named at end of this list.

PLEASE TO CAREFULLY READ THE CONDITIONS BELOW BEFORE ORDERING.

Each collection (unless otherwise stated) contains all *distinct varieties* of the newest and most approved kinds, of *our selection*, each plant being labeled; to such, however, as do not care for the plants being labeled, 25 per cent. in number will be added to each collection; for example, we will send six distinct kinds of Winter-flowering Roses, *labeled*, for \$1.00, or eight equally distinct and good kinds, *unlabeled*, for \$1.00. When ordering, therefore, say whether you desire the collections to be "named" or "unnamed." It must be distinctly understood that the kinds in each class must be of *our selection*; when varieties are wanted to special name, they will only be sent at the rates named in Catalogue.

For \$1.00, we will send, Free by Mail :

- 8 *Achyranthus*, fine bedding plants.
 or, 6 *Abutilons* (Chinese Bell Flower), orange, crimson, etc.
 or, 6 *Aquilegia*, beautiful blue; hardy.
 or, 8 *Ageratums*, colors, white, dark violet, blue, rose, etc.
 or, 8 *Alternanthera*, varieties for edgings, etc.
 or, 4 *Azaleas*, (Chinese), colors white, scarlet, etc.
 or, 8 *Basket Plants*.
 or, 4 *Begonias*, colors scarlet, orange, white, rose, crimson.
 or, 6 *Bouvardias*, colors scarlet, rose, crimson, white, blush.
 or, 6 *Cannas*, dark varieties, tropical-looking.
 or, 6 *Centaneas*, white-leaved.
 or, 4 *Cactus*, night-blooming, lobster, etc.
 or, 8 *Coleus*, bedding varieties.
 or, 4 *Caladiums*, (fancy), leaves spotted and mottled.
 or, 2 *Calla Ethiopica*, (white), flowering plants.
 or, 2 *Camellia Japonica*, (double), with buds, colors crimson and white.
 or, 4 *Camellia Japonica* (seedlings).
 or, 6 *Carnations* (monthly), crimson, scarlet, variegated, etc.
 or, 6 *Chrysanthemums* (small flowering), colors crimson, yellow, rose, white, pink, maroon, orange, etc.
 or, 6 *Chrysanthemums* (large-flowering), colors crimson, yellow, rose, white, pink, maroon, orange, etc.
 or, 6 *Chrysanthemums* (new Japanese), colors crimson, yellow, rose, white, pink, maroon, orange, etc.
 or, 6 *Climbing Ferns*, one of the finest house-plants.
 or, 6 *Coleus* (new of this season), beautiful foliage.
 or, 4 *Cyclamen Persicum*, shades from white to crimson.
 or, 2 *Draenas* (dragon tree), terminalis and indivisa.
 or, 6 *Dahlias*, large-flowering, all colors.
 or, 6 " bouquet varieties, all colors.
 or, 8 *Daisies*, finest mixed.
 or, 6 *Ferns*, best fitted for house culture.
 or, 6 *Fuchsias*, all colors, double and single.
 or, 4 *Gloxinias*, beautiful house-plant.
 or, 4 *Grape Vines*, hardy.
 or, 8 *Gladiolus*, for summer-flowering.
 or, 6 *Geraniums*, (single zonale), the finest of our collection.
 or, 6 " (double), " "
 or, 6 " (scented), " "
 or, 6 " (ivy-leaved), excellent for trellis or baskets.
 or, 6 *Heliotropes*, colors all shades of purple, violet, etc., each lot includes new white "Snow Wreath."
 or, 4 *Hibiscus* (Chinese), scarlet, crimson, orange, etc.
 or, 4 *Honeysuckles*.
 or, 4 *Hardy Shrubs*.
 or, 6 *Hardy Climbing Plants*.
 or, 6 *Hydrangeas*, white and the different shades of pink.
 or, 4 *Jasminum* (Jessamine), colors white, yellow, etc.
 or, 6 *Lobelias*, fine, early summer-flowering plants; blue.

- or, 6 *Lantanas*, white, orange, pink, etc.
 or, 6 *Mosses* (*Lycopodium*), best fitted for house culture.
 or, 4 *Oleanders* (DOUBLE), white, crimson, rose, etc.
 or, 2 *Palms*, large, fancy leaves, used for decorating.
 or, 4 *Poinsettia Pulcherrima*, large scarlet bracts.
 or, 6 *Petunias* (double), purple, crimson and white.
 or, 8 *Petunias* (single), striped and blotched; very fine.
 or, 6 *Pinks*, summer garden varieties, in flower all summer; crimson, pink, maroon and white; sure to please.
 or, 8 *Pansies*, new German varieties, very fine.
 or, 6 *Phlox*, hardy; an excellent permanent garden plant.
 or, 6 *Passifloras* ("Passion Flower Vine").
 or, 4 *Pæonias*, hardy, summer-flowering.
 or, 2 *Poinsettia Pulcherrima* (new double), scarlet.
 or, 4 *Primulas* (Chinese), colors white, crimson, rose, etc.
 or, 6 *Roses* (Monthly Tea), white, crimson, rose, violet, etc.
 or, 1 *Rose American Banner*, crimson and white, striped.
 or, 6 *Snapdragons*, brilliant colors.
 or, 6 *Sedums* ("Stone Crop").
 or, 6 *Succulents*, "Crassulas," etc.
 or, 6 *Salvias*, colors blue, scarlet, crimson, white, and rose.
 or, 6 *Scarcer summer-flowering plants*.
 or, 8 *Scarcer foliage plants*.
 or, 6 *Smilax*—the climbing plant used for festooning.
 or, 6 *Stevias*, color white.
 or, 8 *Strawberries*, those offered in our colored plate, as the "Cream," or the best new varieties for 1879.
 or, 6 *Tropeolums*, orange, maroon, etc.
 or, 8 *Tuberose, Pearl* (the dwarf, large-flowered kind).
 or, 16 *Verbenas*.
 or, 6 *Veronicas*.
 or, 6 *Violets* (scented), colors white, dark and light blue.
 or, 8 *White-leaved Plants*.
 or, 25 *Vars. Flower Seeds*.
 or, 20 " *Vegetable Seeds*.

No order is filled for less than one dollar, but we allow buyers to *have* collections if they desire it; for example, we will send 3 *Abutilons* and 2 *Azaleas* for \$1, but no further division of the collections will be made. Although it is a convenience to have plants sent by mail to places where there is no express office, yet in all cases where plants can be sent by express, we always advise them so sent; for not only are we enabled to sell much cheaper, but larger plants can be sent, and they invariably arrive in better condition. We therefore offer the above collections to be sent by express, *buyer to pay charges*, at the following exceedingly low rates: Three collections for \$2, five for \$3, nine for \$5, twelve for \$6, twenty-one for \$10, or forty-five for \$20; or the 78 collections, (479 *varieties of plants, bulbs and seeds*)—sufficient to stock a greenhouse or garden—for \$35, to which our book, "Gardening for Pleasure," and Catalogue (value \$1.75), will be added; in cases where any of the collections of plants or seeds are *not* wanted, we allow the purchaser to strike them out and duplicate any other collection offered.

HITCHINGS & CO'S Green House Boilers & Warming Apparatus.

FOUR STYLES OF BOILERS, EIGHTEEN SIZES.

Patent Corrugated Fire Box Boilers,
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IMPROVED SASH-RAISING APPARATUS and PLAIN AND GALVANIZED LIFTING-RODS,
FOR ROOF AND SIDE VENTILATING SASHES.

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❧ EMPIRE CITY POTTERY. ❧

F. LAUFERSWEILER,
MANUFACTURER OF
Flower Pots, Stoneware,
EARTHEN AND PORCELAIN-LINED WARE.

THE CHEAPEST AND BEST.

Pots warranted to give satisfaction, supplying, as we do, the New York Florists, a trade undoubtedly the most critical of its kind in this country.

Purchasers will also find it to their advantage to buy in New York, as freight rates are MUCH lower from this point than from any other part of the United States.

Careful attention will be given to packing.

Send for PRICE LIST for 1880.

F. LAUFERSWEILER,

517 and 519 West 27th St., New York.

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NEW MONTHLY CARNATION, "Snowdon."

The engraving gives an exact representation of this most valuable new Carnation, but reduced to half the natural size. Its merits are that the flowers are of the purest white, borne in unequalled profusion on plants that rarely ever exceed one foot in height. This quality of dwarfness makes it exceedingly valuable, as it can be grown close to the glass on front benches of the greenhouse. As a pot-plant for the parlor, or for market purposes, it has no equal in Carnations. We purchased the entire stock from the raiser, Mr. John Henderson, Flushing, L. I., in September, 1879, for \$500, and it is now for the first time offered for sale.

Stock plants, \$3.00 each.

Strong, well-rooted plants in 3 inch pots, 50 cents each ; \$4.50 per dozen ; included in set of 16 New Carnations for \$6.00.