

1869.

NEW YORK
BOTANICAL
GARDEN

Established 1853.

Sixteenth Edition.

CURTIS & COBB'S
FLOWER AND KITCHEN GARDEN
Directory,

AND
DESCRIPTIVE PRICED LIST
OF
FLOWER, VEGETABLE, AND AGRICULTURAL

S E E D S .



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BOSTON, MASS.

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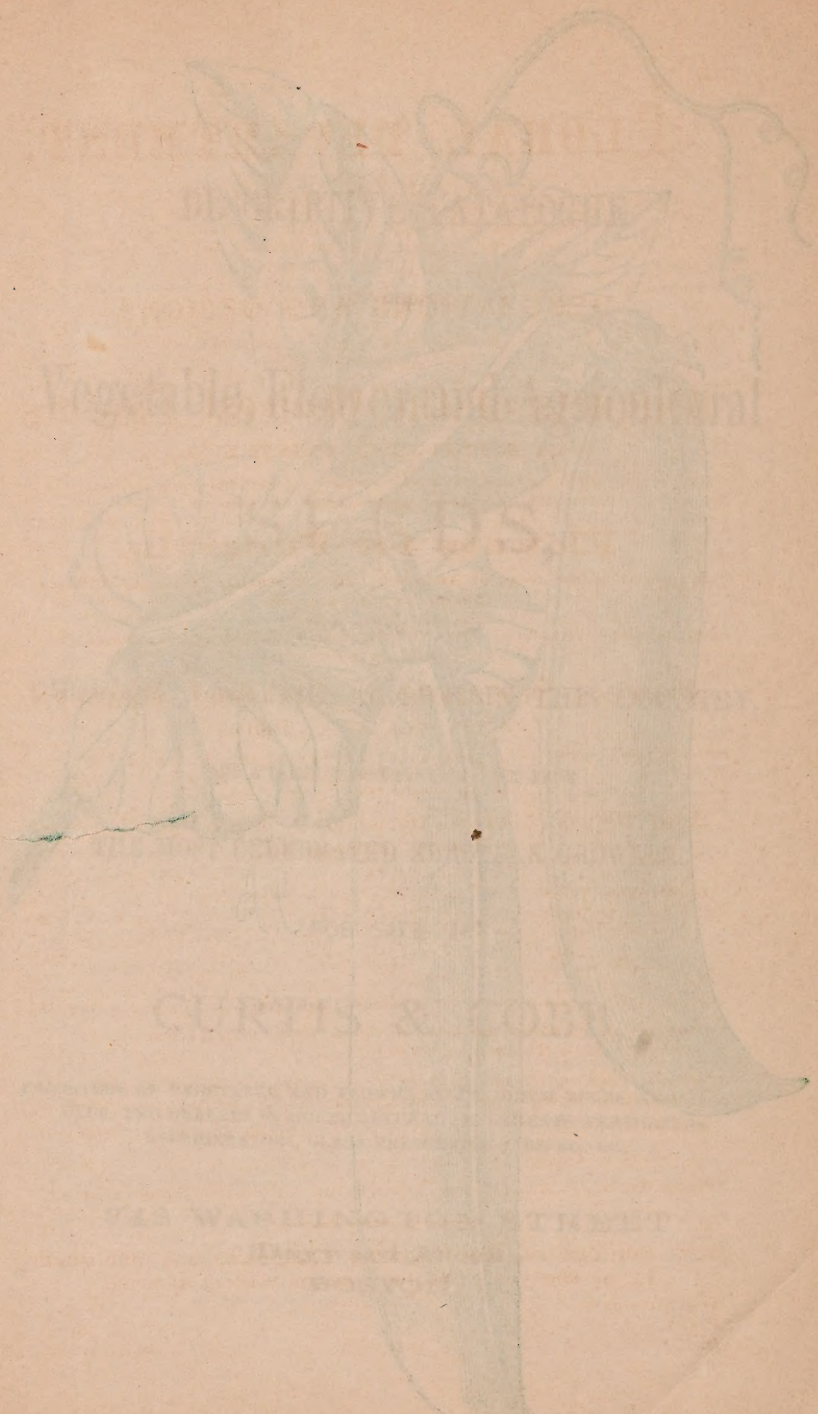
Vegetable, Flower and Agricultural

SEEDS, &c.

CURTIS & COBB

715 WASHINGTON STREET

BOSTON





LAXTON'S PROLIFIC EARLY LONG-POD PEA. See page 95

A

DESCRIPTIVE CATALOGUE

OF CHOICE

Vegetable, Flower, and Agricultural SEEDS,

CONTAINING ALL THE

CHOICEST VARIETIES GROWN IN THIS COUNTRY,

AND A LARGE ASSORTMENT SELECTED FROM

THE MOST CELEBRATED EUROPEAN GROWERS,

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REFRIGERATORS, GLASS PRESERVING-JARS, &c., &c.,

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CONTENTS.

	PAGE.		PAGE.
Abutilon Plants	135	Mushroom Spawn	105
Agricultural and Horticultural Publications.		Novelties for 1868-9 . . . straw-tinted paper.	
Adv. page	8	Peaches	125
Alternanthera Plants	136	Pears	123, 124
Amaryllis	120, 121	Petunia Plants, new varieties	135
Anemone	136	Perennials, Plants	130
Apples	124, 125	Pinks, Paisley	132
Bedding-Plants, miscellaneous	133	Plants for Hanging Baskets	136
Biennials and Perennials (seed)	47-57	Plants, hardy ornamental	128
Bird-seed	108	Plums	125
Blackberries	127	Poa Trivialis	136
Books. Adv. page	7	Potatoes	108
Bulbous Flower-roots, Dutch. Adv. page	8	Pots, &c., various	3d page of cover.
Bulbs, miscellaneous	122	Quince	126
Cherries	125	Raspberries	127
Climbers, ornamental (seed)	57-64	Refrigerators. Adv. pages	2, 3
Clover	107	Rivinia Lævis	136
Clubs, Inducements for the Formation of	8	Rose Potato. Adv. page	4
Collections of Flower-seeds by Mail	8	Rustic Baskets	3d page of cover.
Collections of French and German Flower-seeds	75-77	Sedum (new)	136
Cotton-seed	108	Seeds for Autumn Planting	106
Culinary Root Plants	109	" Everlasting Flowers	64-67
Currants	126	" Vegetable, prices of	104, 105
Evergreens, rare	129	Soap, Whale-oil. Adv. page	5
Fertilizers. Adv. page	5	" Tobacco	5
Flower-garden	7	Solanum	136
Flower-seeds (Annuals)	9-47	Strawberry Seed	100
Floral Department	2d page of cover.	" Plants	127
Foliage Plants, ornamental	74, 75	St. John's Patent Hand Glass, 4th page of cover.	
Geraniums, Zonale	134	Summer-flowering Bulbs	111
" Nosegay	134	Sweet Herbs	103
" Zonale double-flowering	135	Table. Seeds required for a given amount	
Gladiolus	111-119	of Land	109
" American	118	" Seeds, quantity per acre	110
" new, 1869. See Novelties, page	77	" Weight of Seeds per bushel	110
Glass Fruit-preserving Jars. Adv. page	1	" Plants per acre	110
Gooseberries	126	" Plants produced by a given quantity of Seed	109
Grapes	126	" Corn, quantity per acre	110
Grain	107	Tigridias	121
Grass-seed	107	Tobacco Seed	105
Grasses, ornamental (seed)	73, 74	Tritoma	121
Greenhouse, seeds for the	67-73	Tricyrtis Hirta	136
Hedge Plants	128	Trees, ornamental, 128. Seed	108
Horticultural Implements. Adv. page	6	Tuberose, double	121
Immortelles and Dried Grasses, 2d page of cover.		Vallotta	122
Japan Lilies	119	Vegetable Seeds	77-103
Lantanas, new varieties	135	" Seed Specialities. See Novelties page	77
Lawn Grass	107	" Seed Collections	110
Libonia Floribundia	135	Veronica (new)	136
Lilies, various	119, 120	Zea Japonica (Japanese Maize)	74
Lilium Auratum, or Gold-striped Lily	119		

LIBRARY
NEW YORK
BOTANICAL
GARDEN

TO OUR PATRONS.

IN presenting the *Sixteenth Edition* of our Seed Catalogue and Flower and Kitchen-Garden Directory, we return thanks to our friends for their generous patronage and recommendations for the past years, and assure them that every effort will be made to merit a continuance of their favors.

We would invite the attention of amateurs and florists to our choice collection of

NOVELTIES

enumerated on page 77; also, to our superior varieties of

FRENCH AND GERMAN ASTERS, CARNATION AND PICOTEE PINKS, CALCEOLARIAS, CINERARIAS, GERMAN STOCKS, COCKSCOMBS, DOUBLE HOLLYHOCKS, CAMELLIA AND ROSE-FLOWERED BALSAMS, GLOXINIAS, MIMULUS, VERBENAS, PELARGONIUMS, ENGLISH PANSIES, CHINESE PRIMROSES, SWEET WILLIAMS, &c.,

received direct from the growers, by which we are enabled to insure to purchasers genuine seeds of the best sorts in cultivation, raised from prize-flowers only.

We would also invite attention to our choice collections of *French and German flower-seeds*, containing the most beautiful varieties of each species, saved with the greatest care, the quality of which cannot be excelled.

The *Vegetable-seed Department* will be found complete, and comprises all that is essential in variety for the various requirements of the kitchen or market garden.

We would here impress upon our agricultural friends the importance of a more extended cultivation of the Mangel Wurtzel, Ruta Baga, Parsnip, Carrot, &c., as winter feed for cattle, sheep, &c.

Numerous novelties of the highest merit, both of flower and vegetable seeds, have been added, with many new and beautiful illustrations, particularly of the leading varieties of vegetables, for which we are indebted to Messrs. J. E. Tilton & Co., Boston, publishers of "The Field and Garden Vegetables of America," by Fearing Burr, jun., Esq., the most useful work on vegetables published, and from which the illustrations are taken.

We earnestly request our correspondents to be particular and give their *names, post-office address, county, and State in full, distinctly written*. We are in daily receipt of orders deficient in some one of these important requisites, often causing a delay of weeks in the execution of their orders, greatly to their inconvenience, as well as our own.

MAR 13 1933

TO PURCHASERS.

As the seed season continues only for a few months in the year, there is, of course, a great pressure of business just at the *sowing season*. Except in cases of extreme urgency, all orders will be executed in strict rotation as received. We would therefore feel greatly obliged if our customers will kindly forward their orders as soon as possible. This would greatly facilitate operations, and insure greater attention.

We use every possible precaution to prevent any error being committed in the execution of orders. Should any deficiency occur, either by press of business or accident, we earnestly desire our customers to inform us of the fact.

We would suggest to our customers, that when their orders are written separately, and apart from the letter, they are assisting us very much in the despatch of business.

In giving orders for seeds or plants, please state explicitly by what conveyance they are to be forwarded, and also the names of the parties to whose care those ordering wish them consigned at the various places of transshipment.

When no particular route is designated, we forward according to the best of our judgment; but in no case do we assume any responsibility after the packages leave our hands, unless for our own mistakes, which are always cheerfully rectified.

Orders from unknown correspondents, to insure attention, *must invariably be accompanied by the cash, or a satisfactory reference*. Remittances of small sums can be made in current bank-bills or postage-stamps; large amounts, by draft on New York, Boston, or Philadelphia.

The new money-order system recently adopted by all the principal postoffices in the United States, will be found a most convenient and safe plan for remittances. Any postmaster will give the necessary information upon the subject.

SEEDS, BULBS, PLANTS, &c., BY MAIL,

TO ANY PART OF THE UNITED STATES WHERE THERE IS POSTAL COMMUNICATION.

THE new postage-law authorizes the sending of **seeds, bulbs, roots, cuttings, plants, and scions**, at the rate of **two cents** for every **four ounces** in weight, — the weight of the package not to exceed **four pounds**. Under this law, any of the seeds or bulbs named in this Catalogue will be mailed, free of postage, at the prices quoted, with the exception of **peas, beans, corn, and potatoes**, for which an additional remittance of eight cents for every pound is required.

THE FLOWER-GARDEN;

CONTAINING DIRECTIONS FOR THE CULTIVATION OF ANNUAL, BIENNIAL, AND PERENNIAL FLOWER-SEEDS.

THE interest which always pertains to annuals, and certain other kinds of plants raised from seed sown every spring, renders it a matter of regret that they are not grown to a greater extent than they are for the general decoration of the flower-garden.

“Infinite numbers, delicacies, smells,
With hues on hues. Expression cannot paint
The breath of Nature, and her endless bloom.”

The term “annual” is given to those plants which are sown in the spring, bloom and seed in the summer, and afterwards perish. By cultivators they have been divided into classes; viz., *Hardy* and *Half-hardy*; and as such we shall treat of them here.

HARDY ANNUALS are so called because they do not require any artificial heat at any period of their growth, and are capable of enduring any ordinary weather from May to November. Many of them may be sown in the autumn; and the young plants will make their appearance early in spring, and flower stronger than when the sowing is deferred till spring.

HALF-HARDY ANNUALS. — We have already remarked that half-hardy annuals are those that require the aid of artificial heat to assist germination; but it should be remarked that this is not absolutely necessary if the sowing is deferred until the ground is warm, — say the last of May, or first of June. But to gain time, and insure an early and abundant bloom, it is best to plant early, and assist the growth by a gentle artificial heat. Some of the most magnificent annuals are embraced in this class, of which the Asters, Zinnias, Stocks, Antirrhinums, and Balsams are examples. The most convenient and the simplest mode of doing this is the ordinary hotbed of stable-manure, which gives a gentle bottom-heat quite sufficient for any of this class. Its construction is simple, and generally understood by most owners of a garden: it is so valuable an aid in the forwarding of flowers, as well as vegetables, that no one having a garden can well dispense with it.

Presuming that the bed is made and all ready for use, the seeds may be sown on the prepared soil, just the same as in the open ground, and afterwards transplanted to the borders. The soil should consist of a uniform compost of light, sandy loam, enriched with some fine leaf-mould, avoiding any raw or crude manures, which are certain to injure the young plants. Level the surface by gently pressing it with a piece of wood made for the purpose, as this will not only be beneficial to the seeds, but assist in distributing them more evenly and regularly over the soil. Some kinds will need nothing more than a thin sprinkling of

earth, just to fairly cover the seeds, and should have the surface again gently pressed down: a slight watering with a very fine rose will complete the operation of sowing.

As the seedlings appear above ground, give air by tilting the sashes at the back. During cold nights, a mat may be thrown over the frame, which will prevent the loss of heat, and maintain a more even temperature. As the plants acquire a proper size, they should be thinned out so as not to injure those that remain; and then, when farther advanced, should be transplanted into four-inch pots, — one, three, or five plants in each, according to the variety, — using a compost similar to that in which they were sown, replacing the pots in the bed, and shading slightly till they are well established, and able to bear the full sun.

By the middle of May, the seedlings will be ready for transferring to the beds or borders where they are to bloom; but, before this is done, the plants should be "hardened off," in order to prepare them for the change. This is effected by gradually giving the plants more air, and, when the weather is favorable, removing the sashes wholly during the day; or, if more convenient, removing them to a cold frame, where they can be fully exposed in the day-time, and protected at night with a covering of mats. Much must be left to the judgment of the cultivator; the object being to prevent the plants from being injured by a too sudden exposure to the open air.

BIENNIALS AND PERENNIALS. — Biennial and perennial plants are almost indispensable additions to the flower-garden, displaying their blossoms early and late, succeeding and even flowering with the spring bulbs, and continuing long after the frost has destroyed the hardiest annuals. They are so easily cultivated, and require so little care, that they must be ranked as the most permanent and showy objects of the flower-border. We only need name the Larkspur, Phlox, Lychnis, Coreopsis, Saxifrage, &c., as a few among the many elegant groups.

Biennials are those plants that generally do not flower until the second year, and, after blooming, die. These include many splendid species, such as the Foxglove, Canterbury Bells, Sweet Williams, Hollyhocks, &c. Perennials are plants which do not bloom until the second year, but continue to bloom for years in succession, and may be propagated, after once obtained, by division of the roots, growing more vigorously and flowering better if divided.

The proper time for sowing the seeds of hardy kinds is in April or May, in order to obtain a good strong growth the first year, and a greater abundance of flowers the second; but the sowings may be continued with success as late as August. Whether the seeds are sown in beds or in the border, the young plants should be thinned out, and afterwards transplanted, giving them more room, and encouraging a vigorous growth by hoeing, watering, &c. On the approach of severe frosty weather, protect the plants with a light covering of leaves or coarse manure, and the succeeding year they will blossom in great profusion.

THE SOIL AND ITS PREPARATION.

The best soil for annuals, and for most flowering plants, whether biennials or perennials, is a light, rich loam. In such they grow readily, and attain to great perfection of bloom, with but little care. By the application of proper manures, or sand or clay, they can be brought to such a condition as to answer all the purposes of a flower-garden. Deep and thorough trenching in the autumn, if possible,

and the application of very old decayed manure or leaf-mould, will give the amateur a well-prepared and suitable soil.

Where the soil is too light, a thin layer of clay, if to be had, should be spread over the surface in the autumn, and dug in, after being pulverized by the winter frosts, in the spring. This, with the use of old manure, — that which has lain a year or more, and been frequently turned over till it becomes thoroughly decayed, — will keep the garden in good condition. No unvarying rules can be given: much must be left to the judgment of the amateur. He must understand that the soil of a good garden should be deep, well pulverized, friable, and rich.

When the flower-garden is to be a speciality, then more pains ought to be taken; and those who are about to do this, if they have not the requisite information, will consult something more than a catalogue. Our hints are intended for the mass of the people who love flowers, and do not wish to incur great expense in the gratification of their taste. To the former class we recommend, amongst other works published, Breck's "New Book of Flowers," Buist's "Flower-Garden Directory," and Bridgeman's "Florists' Guide and Gardeners' Assistant."

PERIOD FOR SOWING.

This must depend much upon the season, as well as the locality. As a general rule, the proper time to commence sowing is about the middle of April, though a few sorts may be planted as soon as the ground can be got ready; and, for a succession, the sowing should be continued until June. In the Southern States, of course, January, February, or March will be the time to sow, as they correspond with April, May, and June of the North. To avoid all danger of injury, the sowing may be deferred till the last of April; but, when a little labor is of no consideration, the sowing may be made earlier, and, in case of failure or injury from frost or wet, another sowing may be made when the weather is more favorable. Because we recommend April, it is not to be understood the sowing must be made at that time. If sown in any part of May, they will flower later, but abundantly, throughout the latter part of summer.

Too much pains cannot be given in preparing the soil previous to sowing. It is the great error to cover too deep; and the cause of more than half of the complaints against seedmen of selling old and worthless seeds comes from inexperience or want of judgment in sowing. No rule can be given in this respect; but, as a general guide, all large seeds, such as Sweet Peas, Lupins, &c., may be sown half an inch deep, — smaller, less; and for the smallest, such as Clarkia, Pinks, &c., a covering of one-sixteenth of an inch suffices. If sown too deep, they are longer in germinating, and are liable to decay. Avoid the general error of sowing the seeds too thick, as it causes an elongated and feeble growth, which no subsequent thinning will entirely remedy.

As soon as the seedlings have made three or four leaves, and are an inch high, they should be thinned out. If they are kinds which will bear removal, they may be replanted in vacant spaces in the border. Tall-growing plants with spreading branches will require more room than slender-growing dwarf kinds. Stir the soil around the plants from time to time; and, if they appear crowded, a second thinning will be of great benefit to those that remain. If the growth is not strong, from the nature of the soil, apply occasionally a very small amount of guano or bone-dust.

Transplanting should, if possible, always be done in cloudy weather, and towards evening. If the soil is dry, the plants will require a light watering to

settle the earth around the roots; and, if warm sunny days succeed the operation, they will root all the better to have shade for a day or two. All large-growing plants should be transplanted singly; but many of the smaller may be removed in patches, without any trouble. After the plants are established, they will need no other care than to tie up the taller-growing sorts to stakes, to prevent the wind and rains from beating them down, and injuring their blossoms.

GARDEN REQUISITES.

There are several aids to the economical management of the garden, which are almost indispensable: one of these is the *hot-bed* frame, for the forwarding of plants for early planting. A frame may be made of various sizes, according to the size of garden, from four sashes upwards. The length of sash is generally seven feet by three and a half wide, the size of glass six by eight inches; making the entire frame of four sashes fourteen by seven feet. The frame should have a southern or south-eastern exposure; should be made up with fresh horse-manure and a few leaves mixed with it: this must be laid in a heap preparatory to being used, and, when in a proper state of fermentation, prepared for the reception of the frame. A few inches of rich, loamy soil must be spread over the manure; then cover the frame with the sashes; and, after standing a few days to allow the rank heat and steam to pass off, the seed can be sown. Where the ground is well drained, a better plan is to dig out a space the size of the frame, from one to two feet deep, according to the season and the heat required, in which the manure is placed, care being taken to pack it firmly and evenly.

COLLECTIONS OF FLOWER-SEEDS, POSTAGE PAID.

We have made up collections of flower-seeds, which we would recommend to those not well acquainted with the different varieties. They contain those only of easy culture, and brilliant, showy flowers. When ordering, please state what varieties you have, and we will send other varieties in place of them. To beginners in the cultivation of flowers, these collections are confidently recommended.

No. 1.	Collection of Annuals	\$1.00
2.	" " " "	2.00
3.	" " " Biennials, and Perennials	3.00
4.	" " " " " "	5.00

INDUCEMENTS FOR THE FORMATION OF CLUBS.

We offer the following inducements to purchasers in large quantities, or for the formation of clubs, by which a great saving may be effected. The seeds will be forwarded, *by mail, post-paid*, to any address in the United States or Canada, on receipt of the amount of the order.

Purchasers remitting \$1 00 may select seeds, <i>in packets</i> , at Catalogue prices, amounting to \$1 10	
" " " 2 00	" " " 2 25
" " " 3 00	" " " 3 50
" " " 4 00	" " " 4 75
" " " 5 00	" " " 6 00
" " " 10 00	" " " 12 50
" " " 20 00	" " " 26 00
" " " 30 00	" " " 40 00

No Variation whatever will be made from the above rates.

We wish it distinctly understood by our correspondents, that the above discount will be allowed only upon *flower and vegetable seeds in packets*. Seeds when ordered by the ounce or pound, plants, roots, or bulbs, will not be included. Collections of vegetable-seeds, prepared expressly for mail, will be found in that department of the Catalogue.



1-10 Natural Size.

Natural Size.

DELPHINUM CONSOLIDA FLORA PLENO. (Double Branching Larkspur).
See Collections, page 76, and Novelties, 1868.

FLOWER SEEDS.

To simplify as much as possible, and to assist our patrons in their selections, we have divided the flower-seeds into classes; viz., Annuals, Biennials, and Perennials, Climbers, Greenhouse, Ornamental Grasses, and Foliage Plants.

We have also given the botanical, and the popular name when there is such, together with the natural order to which they belong. These, with full remarks added, will be of great assistance to the amateur.

MAKE HOME BEAUTIFUL.

MAKE your home beautiful; bring to it flowers;
Plant them around you to bud and to bloom;
Let them give life to your loneliest hours,
Let them bring light to enliven your gloom.
Then shall it be, when afar on life's billows,
Wherever your tempest-tossed children are flung,
They will long for the shades of the home weeping-willow,
And sing the sweet song which their mother had sung.

ANNUALS.

ABRONIA. NAT. ORD., *Nyctaginiaceae.*

A charming plant; with verbena-like heads of sweet-scented flowers. Very effective in beds, rock-work, or in baskets suspended in a conservatory; growing freely in any light, rich soil, and flowering from August to October.

Abronia umbellata. Rosy lilac, half-hardy annual. Half foot high PRICE 10

ADONIS. NAT. ORD., *Ranunculaceae.*

The flowers are very brilliant, but small, and not numerous compared with amount of foliage and size of plant; bloom for a long time. Set twelve inches apart. The following are hardy annuals;—

Adonis aestivalis. Summer; scarlet. 1 foot 10
“ **autumnalis.** Autumn; blood-red. 1 foot 10

AGERATUM. NAT. ORD., *Compositae.*

Valuable hardy annuals for beds or borders, and exceedingly useful for cut flowers; continue in flower the whole summer, and do well in almost any soil; flowers small, in clusters. Good for winter flowers in the house.

	PRICE.
Ageratum conspicuum. Pure white; about 18 inches high; fine . . . . .	.10
“ Mexicanum. Blue. 1 foot. . . . .	.05
“ “ nanum. Blue; dwarf. 6 inches . . . . .	.05
“ “ albiflorum. White-flowered; fine. 1 foot. . . . .	.10
“ “ nanum. Very fine dwarf-white . . . . .	.10
“ cœlestinum (Phalacræa) Tom Thumb. New; light blue; about a foot in height, and of compact habit; abundant bloomer; fragrant . . . . .	.10

AGROSTEMMA. NAT. ORD., *Silenaceæ.*

Very pretty, free-blooming, hardy annuals, making a showy bed, and fine for cutting. Flowers like a pretty single pink, on long, slender stems; about eighteen inches high. Bear transplanting well, and should be set five or six inches apart.

Agrostemma purpurea. Dark; new and good . . . . .	.05
“ new scarlet. Splendid . . . . .	.10
“ cœli rosa. Fine, deep rose-color . . . . .	.05
“ “ dwarf fringed. New; beautifully fringed; rose, white centre . . . . .	.10
“ “ hybrida flore pleno. Very pretty when double, as the flowers are twice the size of the single . . . . .	.25

ALONSOA. NAT. ORD., *Scrophulariaceæ.*

Attractive, tender perennials, but may be treated as half-hardy or tender annuals. Seeds sown in a hotbed will produce flowers during the late summer and autumn months.

Alonsoa Warszewiczii. The best variety, growing about 18 inches; flowers small, bright scarlet, forming a very pretty spike; set plants 8 or 10 inches apart . . . . .	.10
“ grandiflora. Large-flowered; scarlet. 2 feet . . . . .	.10

ALYSSUM. NAT. ORD., *Cruciferaæ.*

One of the most useful, free-flowering little plants either for growing in pots, on rock-work, or the open border; the annual varieties blooming nearly the whole summer.

Alyssum sweet (Koniga maritima). Hardy annual; flowers small and sweet. 6 inches . . . . .	.05
“ Wierczbecki. Hardy perennial; flowers yellow; blooms first season. 1 foot . . . . .	.10

AMARANTHUS. NAT. ORD., *Amarantaceæ.*

Half-hardy annuals, with finely-colored foliage. Useful, in many situations, as the background of a flower-border, or for making an ornamental hedge, or a bed on the lawn.

Amaranthus bicolor. Crimson and green variegated foliage. 2 feet . . . . .	.05
“ tricolor. Red, yellow, and green foliage. 2 feet . . . . .	.05
“ speciosissimus. Carmine and yellow foliage. 2 feet . . . . .	.05
“ caudatus (Love Lies Bleeding). Long, drooping “chains” of flowers; very pretty . . . . .	.05

	PRICE.
Amaranthus cruentus (Prince's Feather). Flowers similar to above, but in erect masses . . . . .	.05
“ melancholicus ruber. Of compact habit; about 18 inches in height, with striking, blood-red foliage; grows readily from seed; easily transplanted . . . . .	.10

AMBROSIA. NAT. ORD., *Composita.*

Ambrosiana Mexicana. Valued for its sweet foliage. 2 feet10
--	-----

ANAGALLIS. NAT. ORD., *Primulacea.*

A genus of plants very desirable for small beds, edgings, baskets, &c., growing about six inches high. When planted in a bed thickly, they cover the ground with a constant profusion of rich flowers. Half-hardy annuals.

Anagallis grandiflora, Napoleon III. Rich maroon-color; new . . . . .	.10
“ “ Eugenie. Fine, velvety, blue . . . . .	.10
“ “ sanguinea. Showy, bright red; new; fine . . . . .	.10
“ “ superba. Red, blue, scarlet; lilac; mixed . . . . .	.10
“ “ Garibaldi. Crimson; exceedingly beautiful; new. . . . .	.10
“ “ Memoria dell' Etna. Bright red; fine; new . . . . .	.10
“ “ Mixed. . . . . .	.10

ANTIRRHINUM (SNAPDRAGON). NAT. ORD., *Scrophulariaceae.*

The snapdragon, or antirrhinum, is one of our most showy and useful border plants. Among the more recently improved varieties of this valuable genus are large, finely-shaped flowers, of the most brilliant colors, with beautifully-marked throats; will bloom the first season from seed, and are very effective in beds or mixed borders. Half-hardy perennials.

Antirrhinum majus, Tom Thumb. A very handsome dwarf antirrhinum, or snapdragon, of compact globular growth, with bright, vermilion-colored flowers . . . . .	.10
“ “ album. Pure white. 2 feet . . . . .	.10
“ “ brilliant. Crimson and white. 2 feet . . . . .	.10
“ “ Delila. Carmine, white throat; 2 feet . . . . .	.10
“ “ firefly. Orange, scarlet, and white. 2 feet . . . . .	.10
“ “ Galathea. Crimson, yellow, and white. 2 feet, . . . . .	.10
“ “ papilionaceum. Bright scarlet and white; splendid. 2 feet . . . . .	.10
“ Ophir. Golden-yellow . . . . .	.10
“ Extra fine, mixed . . . . .	.10
“ Good, mixed. . . . .	.05

ANTHEMIS. NAT. ORD., *Composita.*

Exceedingly effective border-plants. Hardy annual.

Anthemis purpurea. Yellow outside of petals; purple; very showy. 1½ feet . . . . .	.10
“ Arabica. Beautiful orange flowers, with elegantly-cut foliage. 1 foot . . . . .	.10

ASTER. NAT. ORD., *Compositæ*.

The merits of this flower require no eulogy. The following varieties have either been grown for us by special cultivators, or personally selected from other first-rate growers in Germany and France.

- Aster, Truffaut's Pæony-flowered Perfection.** Very large, beautiful flowers; petals long, a little reflexed; one of the best. 20 inches to 2 feet in height. Finest colors, mixed, extra25
- " **La Superbe.** A magnificent, large, bright rose-colored flower, often more than four inches in diameter, of the pæony-flowered class. 20 inches in height25
- " **New Rose.** A new and magnificent class, between *Truffaut's Perfection* and *Large-flowered Imbrique*. About 2 feet in height; very robust; with large flowers, and double to the centre; the outer petals finely imbricated, and of great substance. Finest colors, mixed25
- " **Imbriqué pompon.** Very fine; a very perfect aster; almost a globe, and beautifully imbricated. Height 18 inches. Finest colors, mixed10
- " **Cocardeau, or New Crown.** A fine flower; very double; the central petals being of a very pure white, sometimes small and quilled, surrounded with large, flat petals of a bright color, as crimson, violet, scarlet, &c. Height about 18 inches. Finest colors, mixed10
- " **New Pæony-flowered Globe.** A new and very fine variety, and the earliest of the asters,—at least two weeks earlier than *Truffaut's Pæony-flowered*; flowers very large; plant branching and strong, and does not require tying. Finest, mixed20
- " **Tall Pyramidal-flowered German.** Extra; late; branching; good habit; fine grower; needs no tying10
- " **New Giant Emperor.** Very large flowers, but not numerous. Mixed colors25
- " **New Victoria.** Flowers as large as the *Emperor Aster*; habit pyramidal; nearly two feet high; each plant bearing from 20 to 40 flowers. Extra, mixed colors25
- " **New Chrysanthemum-flowered Dwarf.** A new and most desirable class; growing only about one foot in height; with large, very perfect flowers; a free bloomer; later than other varieties, and desirable on this account, as well as for its great beauty. Mixed colors10
- " **Chrysanthemum-flowered Dwarf, snowy-white.** This is a very superb snow-white variety; flowers very perfect10
- " **Boltze's New Pyramid Dwarf Bouquet.** A novelty; each plant looks like a little bouquet of flowers set in the ground. Fine for pots, edging, or filling small beds. Set plants 5 inches apart. A beautiful variety; many colors, mixed25
- " **Dwarf Pyramidal Bouquet.** About 10 inches in height; abundance of flowers; very early; colors mixed10



SOLFERINO BALSAM.
See Novelties, 1868.



CARNATION STRIPED DWARF ROSE BALSAM.
See Novelties, 1868.



SELF-COLORED BALSAM.
Side view, natural size.



BLOTCHED CAMELIA BALSAM.
See page 18.

Cardiospermum halicacabum. White. 5 feet. PRICE .10

BARTONIA. NAT. ORD., *Loasaceae*.

Bartonia aurea. A very showy half-hardy annual, with gray branches and thistle-like leaves; flowers, very brilliant yellow; will not bear transplanting very well, and we usually sow the seeds where it is to bloom, thinning the plants out so that they stand about six or eight inches apart05
 " *nuda*. A hardy perennial; flowers white, large, and produced in abundance all the season. 2 to 3 feet in height25

BELVIDERE. NAT. ORD., *Chenopodiaceae*.

A pretty, cypress-like plant, sometimes called summer-cypress. Fine for a cemetery.

Belvidere. Hardy annual. 4 feet05

BRACHYCOME. NAT. ORD., *Compositae*.

A beautiful free-flowering, dwarf-growing plant, covered, during the greater portion of the summer, with a profusion of pretty, cineraria-like flowers; very effective in edgings, small beds, rustic baskets, or for pot-culture; succeeding in any light, rich soil. Half-hardy annuals.

Brachycome iberidifolia (SWAN-RIVER DAISY). Blue. $\frac{1}{2}$ foot . . .10
 " *albiflora*. White. $\frac{1}{2}$ foot10
 " Finest mixed10

BROWALLIA. NAT. ORD., *Scrophulariaceae*.

Very handsome, profuse-blooming plants; covered with rich, strikingly-beautiful flowers during the summer and autumn months; growing freely in any rich soil. Half-hardy annual.

Browallia Cerviakowskii. Blue, with white centre; beautiful. $1\frac{1}{2}$ feet, .10
 " *elata alba*. White. $1\frac{1}{2}$ feet10
 " " *grandiflora*. Sky-blue; large-flowered. $1\frac{1}{2}$ feet. . .10

CACALIA. NAT. ORD., *Compositae*.

Half-hardy annuals, with small tassel-like flowers; exceedingly useful for cutting. Flowers in clusters, on slender stalks.

Cacalia coccinea. Scarlet05
 " *flore-luteo*. Yellow05
 " Colors mixed05

CALANDRINIA. NAT. ORD., *Portulacaeae*.

Very beautiful dwarf-growing plants; usually treated as tender annuals, though of perennial duration if protected in winter; they are a blaze of beauty wherever the sun shines upon them. They succeed well in a light, rich soil.

Calandrinia Lindleyana. Small red flowers; suitable for edging. $\frac{1}{2}$ foot05
 " *grandiflora*. Fine rosy lilac, flowers from July to October; very showy, and of easy culture. 1 foot05
 " *speciosa*. Dark purple; very showy. 4 inches05

	PRICE.
Calandrinia umbellata. Very dwarf, with bright crimson flowers in clusters. $\frac{1}{2}$ foot . . . . .	.05
“ Varieties mixed . . . . .	.10

CALLIOPSIS, OR COREOPSIS. NAT. ORD., *Compositæ.*

This genus is amongst the most showy, free-flowering, and beautiful of hardy annuals. The tall varieties are very effective in mixed borders and fronts of shrubberies; and the dwarf kinds, from their close, compact habit of growth, make fine bedding-plants, and are valuable for edgings; while the different varieties make very pretty ribbons. Hardy annuals.

Calliopsis bicolor tinctoria. A well-known favorite; the flowers having a dark, crimson-brown centre, with yellow rays. $2\frac{1}{2}$ feet . . . . .	.05
“ “ marmorata (marbled). Brown and yellow, that are inclined to be shaded. $2\frac{1}{2}$ feet . . . . .	.05
“ “ atropurpurea. Yellow centre, surrounded by a circle of dark purple, beyond which, to the extremity of the petals, it is a fine red-scarlet color. 2 feet . . . . .	.10
“ cardaminifolia hybrida. Brilliant yellow; growth, pyramidal; compact and free-flowering plant. $1\frac{1}{2}$ feet . . . . .	.10
“ “ “ atrosanguinea. Blood-red; flower very fine. $1\frac{1}{2}$ feet . . . . .	.10
“ coronata. Rich yellow; disk, encircled with crimson spots; handsome. $1\frac{1}{2}$ feet . . . . .	.05
“ Drummondii. Yellow, with crimson centre; fine. $1\frac{1}{2}$ feet. . . . .	.05
“ filifolia, Burrige's. A new and exceedingly beautiful annual; flowers rich brown, tipped with bright orange; very showy. 2 feet . . . . .	.05
“ nigra speciosa. Rich, velvety crimson. 2 feet . . . . .	.10
“ Variety of colors mixed . . . . .	.10

CALLIRHOE. NAT. ORD., *Malvaceæ.*

An elegant tribe of plants, strongly resembling the scarlet Linum; height, from two to three feet; commences to bloom when about six inches high, and presents a mass of flowers during the entire summer; makes a splendid bedding-plant, if sown thick. Hardy annuals.

Callirhoe involucrata. A trailing hardy perennial of great beauty. In bloom from May to September. The flowers rise singly on stems six to ten inches high, and vary in color from bright rose to the deepest crimson. In size and color resemble the <i>Portulaca</i> . . . . .	.10
pedata. Color, rich violet purple, with white eye. 2 feet . . . . .	.10
“ “ nana. A new dwarf variety, growing about one foot high; a very profuse bloomer . . . . .	.10

CAMPANULA. NAT. ORD., *Campanulaceæ.*

A genus of exceedingly beautiful flowers, all of which are characterized by the richness of their colors and the profusion of their bloom. The dwarf varieties are the most valuable for bedding-plants; while the whole genus is worthy of a prominent place in every garden. For other varieties, see Perennials.

		PRICE.
Campanula Loreii.	Purple lilac; extremely showy; hardy annual.	
	1 foot . . . . .	.05
"	alba. White, tinged with silvery-gray; hardy annual. 1 foot . . . . .	.05
"	pentagonia. Rich purple lilac; a pretty dwarf-growing plant; hardy annual. $\frac{1}{2}$ foot . . . . .	.05
"	alba. White; free-flowering; hardy annual. $\frac{1}{2}$ foot . . . . .	.05
"	Fine, mixed . . . . .	.10

CANDYTUFT (IBERIS). NAT. ORD., *Cruciferae*.

One of the most useful border annuals; very effective in beds, groups, ribbons, &c.; also very useful for pot-culture, for conservatory decoration during winter. Hardy annuals.

Iberis odorata (FRAGRANT CANDYTUFT).	Pure white; pinnated foliage; fine. 1 foot . . . . .	.05
"	umbellata. Purple. 1 foot . . . . .	.05
"	" New; dwarf; very dark purple. 1 foot . . . . .	.05
"	Dunnettii. New; dark crimson; very beautiful. 1 foot . . . . .	.05
"	coronaria (ROCKET). Pure white. 1 foot . . . . .	.05
"	rose. 1 foot . . . . .	.05
"	amara. White; very desirable. 1 foot . . . . .	.05
"	sempervirens. Perennial. 1 foot . . . . .	.05
"	Fine, mixed . . . . .	.05

CANNA (INDIAN SHOT). NAT. ORD., *Marantaceae*.

This stately species of plants is highly ornamental in flower-gardens, producing a rich and oriental effect by their large, broad, massive foliage, and rich crimson and scarlet flowers. Though perennial, if sown early, they will make luxuriant growth, and bloom the first season. In late autumn, they should be carefully potted, and allowed to mature their bloom in the greenhouse or parlor, and afterwards preserved in a cool, dry cellar. In spring, again start them into growth; and replant them in the open air, last of May or first of June. Before sowing, soak the seed in water at 125°, for about twelve hours.

Canna nigracans.	This variety excels, in the rich tints of its stem and leaves, either of the others, reminding us of the rich coloring of some of the Dracenas and Marantas. Its growth is rapid, its aspect stately, — attaining the height of six or eight feet, — and stands in the centre of a group, entirely unique and distinct from any others we have named . . . . .	.25
"	indica rubra. Red. 2 feet . . . . .	.10
"	Warszewiczii. Brilliant red; foliage striped; new. 3 feet . . . . .	.25
"	compacta elegantissima. Large; reddish yellow; free-flowering. 2 feet . . . . .	.10
"	Sellowii. Scarlet; profuse-blooming; very fine . . . . .	.25
"	nepalensis. Superb yellow flowers . . . . .	.10
"	Mixed varieties . . . . .	.10

CATANANCHE. NAT. ORD., *Compositæ.*

Exceedingly showy, free-flowering, hardy perennials, succeeding in any garden soil.

Catananche bicolor.	White; violet centre. 2 feet	. . . . .	.05
"	cærulea. Blue, with purple centre. 2 feet	. . . . .	.05
"	lutea. Yellow; hardy annual. 1 foot	. . . . .	.05

CATCHFLY (SILENE). NAT. ORD., *Caryophyllaceæ.*

A showy, free-flowering plant for beds, borders, or ribbons; succeeds in any garden soil. Hardy annual.

Catchfly lobels.	Red. 1½ feet.	. . . . .	.05
"	alba. White. 1½ feet	. . . . .	.05
"	flesh. New; flesh-color. 1½ feet	. . . . .	.05
"	Colors mixed.	. . . . .	.05

CELOSIA. NAT. ORD., *Amarantaceæ.*

Magnificent, free-flowering, graceful-growing plants; producing, in the greatest profusion, spikes of the most beautiful feathery-looking flowers. *C. argentea*, however, produces its flowers in spikes like a *Gomphrena*, but much longer; and, if gathered when young, they are valuable for winter bouquets. Plants of the *Celosia* flower freely if planted out in June, in a warm, sheltered situation; grown in pots, they are the most elegant of greenhouse, conservatory, or window plants, where, with a little management, they may be had in flower the whole winter; grow freely in rich, loamy soil. Half-hardy annuals.

Celosia argentea.	Silvery white, shaded with bright rose; very handsome. 3 feet	. . . . .	.15
"	alba. White; very handsome flowers, in long, graceful plumes	. . . . .	.25
"	aurea pyramidalis. Golden yellow; exceedingly fine. 3 feet	. . . . .	.10
"	versicolor. Carmine, changing to red; violet-brownish foliage.	. . . . .	.25
"	new crimson-feathered. Fine in contrast with the preceding. 3 feet	. . . . .	.10

CENTRANTHUS. NAT. ORD., *Valerianaceæ.*

A very pretty, free-flowering, compact-growing plant; very effective in beds, ribbons, or as an edging; grows freely in any common garden-soil; a native of Grenada. Hardy annuals.

Centranthus macrosiphon (long-tubed).	Pale rose; pretty in masses. 2 feet	. . . . .	.05
"	nanus. A new dwarf variety. 1 foot	. . . . .	.10
"	" albus. A very pretty white-flowered variety. 1 foot	. . . . .	.05
"	carneus. A new flesh-colored variety. 2 feet	. . . . .	.10

CENTAUREA. NAT. ORD., *Compositæ.*

Very showy, free-flowering border-plants; succeeding in any common garden-soil. Hardy annuals.

Centaura, American.	A large-growing species; flower, pink	. . . . .	.05
"	Babylonica. A most picturesque plant	. . . . .	.10
"	depressa. Bright blue, with deep-red centre. 1 foot	. . . . .	.05
"	" rosea. Rose; pink centre. 1 foot	. . . . .	.10

	PRICE
Centaurea cyanus (BACHELOR'S BUTTON). Well-known, showy plants, in great variety of colors; of easiest culture . . . . .	.05
" macrocephala . Orange-yellow flowers; hardy perennial. 3 feet . . . . .	.10
" montana . Blue; hardy perennial. 1½ feet. . . . .	.10
" Colors mixed . . . . .	.10

CENTAURIDIUM. NAT. ORD., *Compositæ*.

Centauridium Drummondii . A very beautiful, hardy annual; blooms freely, and succeeds well in any light soil; flowers, orange; showy. 2 feet10
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CENIA. NAT. ORD., *Compositæ*.

Cenia turbinata . Dwarf annual, with yellow, daisy-like flowers05
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CHÆNOSTOMA. NAT. ORD., *Scrophulariaceæ*.

Neat, compact little plants; pretty for edgings, rustic or rock work.
Half-hardy annuals.

Chænostoma fastigiatum . Rose-color. ¾ foot . . . . .	.05
" polyanthum . Lilac. ½ foot . . . . .	.05

CHENOPODIUM. NAT. ORD., *Chenopodiaceæ*.

Chenopodium atriplicis . Flowers small, clustered; covered, as well as the young leaves and shoots, with a glittering, purple meal, which ren- ders the plant very ornamental. Hardy annual. 3 feet10
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CHINESE PRIMROSE (*see Primula*).

CINERARIA. NAT. ORD., *Compositæ*.

Cineraria maritima . Yellow; leaves, large and silvery; an ornamental- foliaged plant, suitable for edgings; it forms a fine contrast with <i>Perilla Nankiniensis</i> . 1½ feet10
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CHRYSANTHEMUM. NAT. ORD., *Compositæ*.

The following are the tall, double-flowered, annual Chrysanthemums,
which, when well grown, are amongst the most showy and effective of
summer-flowering border-plants. They are also very effective in large pots,
for placing about terraces. The dwarf kinds make showy bedding-plants.

Chrysanthemum, double white . 2 feet . . . . .	.05
" " quilled . Extra fine . . . . .	.05
" " yellow . Fine. 2 feet . . . . .	.05
" tricolor . Yellow and white; very showy. 1 foot . . . . .	.05
" Burridgeanum . Crimson, with white centre. 1 ft. . . . .	.10
" " venestum . White, with crim- son centre . . . . .	.10
" carinatum atrococcineum . Blooming in the most various shades, from light scar- let to dark blood-red. Very beauti- ful. Hardy annual . . . . .	.10
" " purpureum . Beautiful crimson and purple-violet flowers; very fine. Hardy annual . . . . .	.10

	PRICE.
Chrysanthemum, tricolor, Dunnetti flore pleno. The flowers are of snowy whiteness, and its great charm consists in being as perfectly double as the Truffaut's Peony Aster . . . . .	.10
" Dunnetti. New double golden. A seedling from the annual Chrysanthemum tricolor, with flowers bright golden. Double as a Truffaut's Peony Aster; very highly recommended . . . . .	.10
" Mixed varieties . . . . .	.05
" Extra fine, mixed . . . . .	.10
" indicum. Tall, double, extra-fine half-hardy perennial; from show flowers. 3 feet . . . . .	.25
" " nanum, double-mixed (dwarf Pompone). Half-hardy perennial; from China. 1 foot . . . . .	.25

CLARKIA. NAT. ORD., *Onagraceae.*

A beautiful tribe of plants, with pretty, cheerful-looking flowers; growing freely and blooming profusely under almost any circumstances; and when planted in a rich soil, and properly attended to, they rank amongst the most effective of bedding-plants. Some of the new varieties are very good for pots, as well as the garden. Hardy annuals.

Clarkia pulchella marginata. New. The most elegant Clarkia yet produced; very double; color, magenta; the extremity of each petal marked with a beautiful white margin. We offer this with the fullest confidence as a border flower, or for making bouquets. This variety will not produce single or semi-double flowers. 1½ feet . . . . .	.25
" elegans, alba pura. New. This variety, now offered, is a pure white, and, from its habit and color, will be found a desirable novelty for borders or backgrounds . . . . .	.25
" integripetala carnea, Tom Thumb. New. A delicate flesh-colored variety of the whole-petalled section of Clarkias; with compact, Tom-Thumb habit . . . . .	.25
" elegans. Rosy purple. 1½ feet . . . . .	.05
" rosea. A light rose-color. 1½ feet . . . . .	.05
" rosea pleno. A fine, double, rose-flowering variety. 1½ feet . . . . .	.05
" pulchella grandiflora. Deep-rose. 1½ feet . . . . .	.05
" " alba. Lovely annual, of a dwarf and compact habit, blooming very freely; valuable for borders . . . . .	.10
" " flore pleno. Rich magenta; flowers, double; a very important addition to the many pretty varieties of the genus. 1½ feet . . . . .	.10
" " marginata. Rosy crimson, edged with pure white. 1½ feet . . . . .	.10
" " integripetala (whole-petalled). Rosy-crimson flowers; large and very handsome. 1½ feet . . . . .	.10
" " pulcherrima. Rose violet; very beautiful color. 1½ feet . . . . .	.05

	PRICE.
Clarkia pulchella, Tom Thumb. Rose purple; dwarf, and of bushy habit; very fine for pots. $\frac{3}{4}$ foot . . . . .	.10
" " integripetala. A new double white variety of the whole-petalled Clarkias; highly recommended . . . . .	.10
" Varieties mixed . . . . .	.05

CLINTONIA. NAT. ORD., *Labellaceae.*

A pretty little plant, of neat, compact growth, with flowers resembling the Lobelia, and exceedingly beautiful; produces a fine effect in rustic baskets, rock-work, vases, boxes, or as an edging; succeeds best in light, rich soil. Half-hardy annual.

Clintonia elegans. Light blue. $\frac{1}{2}$ foot . . . . .	.05
" pulchella. Blue, yellow, and white; dwarf; and very pretty. $\frac{1}{2}$ foot . . . . .	.10
" " atropurpurea grandiflora. Violet purple; centre yellow, margined with white. $\frac{1}{4}$ foot . . . . .	.10
" " azurea grandiflora. Azure blue; yellow and white centre. $\frac{1}{2}$ foot . . . . .	.10
" Varieties mixed . . . . .	.10

COCKSCOMB. NAT. ORD., *Amarantaceae.*

Highly ornamental, curious-looking flowers, for decoration of the flower-house, drawing-room, and garden; all the varieties are remarkably attractive, producing a fine effect when grown in pots and mixed with other plants, either on the stage of a greenhouse, or planted in some warm situation out of doors. The following sorts have been saved from combs remarkable for their size and symmetry. Half-hardy annuals.

Cockscomb, dwarf crimson. Brilliant and large. $\frac{3}{4}$ foot . . . . .	.10
" " yellow. Same as above, except color . . . . .	.10
" new giant. Very large; brilliant rose-red; beautiful. $\frac{3}{4}$ foot . . . . .	.10
" spicata rosea. Silvery-white and rose. $1\frac{1}{2}$ feet . . . . .	.10
" Fine mixed varieties . . . . .	.10

COLLINSIA. NAT. ORD., *Scrophulariaceae.*

California annuals of great beauty; remarkably attractive in beds, mixed borders, or ribbons. Hardy annuals.

Collinsia candidissima. Charming; producing an abundance of large, pure-white flowers . . . . .	.10
" bicolor. Purple and white; beautiful. 1 foot . . . . .	.05
" alba. White; a charming variety. 1 foot . . . . .	.05
" atrorubens. Red, purple, and white; pretty. 1 foot . . . . .	.05
" grandiflora. Blue, white, and lilac; beautiful . . . . .	.05
" multicolor. Crimson, lilac, and white. 1 foot . . . . .	.05
" marmorata. White and rose, marbled. 1 foot . . . . .	.05
" Varieties mixed . . . . .	.05

COLLOMIA. NAT. ORD., *Polemoniaceae.*

Collomia coccinea, scarlet. Flowers in clusters. $1\frac{1}{2}$ feet . . . . .	.05
" grandiflora. Saffron color. $1\frac{1}{2}$ feet . . . . .	.05

COMMELINA. NAT. ORD., *Commelinaceæ.*

Very pretty free-flowering tuberous-rooted plants, with rich, blue flowers, succeeding in any rich soil. Half-hardy perennial, but flowering the first year.

Commelina cœlestis.	Sky-blue. 1½ feet . . . . .	.05
"	alba. White; extremely beautiful. 1½ feet . . . . .	.05
"	variegata. Blue and white, striped . . . . .	.05
"	Mixed . . . . .	.05

CONVOLVULUS. NAT. ORD., *Convolvulaceæ.*

A beautiful, free-flowering, and remarkably showy class of plants, with exceedingly handsome, rich-colored flowers, producing an unusually brilliant effect, either in distinct colors, ribboned, or mixed beds. Dwarf, trailing, half-hardy annuals.

Convolvulus minor tricolor.	Rich violet purple, with white centre . . . . .	.05
"	splendens. Rich violet; white centre . . . . .	.05
"	striped. Blue, beautifully striped with white . . . . .	.05
"	alba. White; beautiful . . . . .	.05
"	flore pleno. A new double variety . . . . .	.10
"	monstrosus. Deep violet purple; extremely large and handsome . . . . .	.10
"	tricolor monstrosus. Superb; large; dark purple; extra . . . . .	.10
"	" splendidissimus. Reddish purple; distinct and beautiful; new . . . . .	.15
"	subcæruleus. Dove-color; very pretty . . . . .	.10
"	cantabricus stellatus. Flowers, of a beautiful pink, with pure-white double star in the centre, and are produced in the greatest profusion . . . . .	.10
"	mauritanicus. A beautiful creeper, with silvery foliage and lovely blue flowers; fine for hanging-baskets and rock-work . . . . .	.10
"	Mixed colors . . . . .	.05
"	Extra mixed, all the finest varieties . . . . .	.10

COSMANTHUS. NAT. ORD., *Hydrophyllaceæ.*

A neat little plant, with prettily-fringed flowers; of a somewhat spreading habit.

Cosmanthus fimbriatus.	Lilac and white; hardy annual. 1 foot05
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COSMIDIUM. NAT. ORD., *Compositæ.*

Cosmidium Burridgeanum.	An elegant annual; grows about 2 feet high; with beautiful, coreopsis-like flowers; very remarkable; rich, crimson-brown centre, and golden, orange-yellow border10
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CUPHEA. NAT. ORD., *Lythraceæ.*

A class of plants remarkable for their beauty, freedom of blossom, and ornamental appearance, both in the conservatory and flower-border.

	PRICE.
Cuphea purpurea. Rosy purple, various shades; half-hardy annual. 1½ feet . . . . .	.10
“ silenoides (silene-like). Dark crimson brown; a desirable species; half-hardy annual. 1½ feet . . . . .	.10
“ Zimpanii. Reddish violet; flowers, large and beautiful; half- hardy annual. 1½ feet . . . . .	.25

(For other varieties, see Greenhouse Seeds.)

CYCLAMEN (see Greenhouse Seeds).

DAHLIA. NAT. ORD., *Compositae*.

Admirers of this noble plant may confidently depend upon the quality of this seed, having been saved from the best varieties in cultivation.

Dahlia. Extra fine; from prize flowers; mixed; half-hardy perennials . . . . .	.25
“ coccinea. New; bright scarlet; very interesting; blooms from seed the first year . . . . .	.25

DATURA. NAT. ORD., *Solanaceae*.

A tribe of highly-ornamental plants, producing large, sweet-scented, trumpet-shaped flowers of the most attractive character, and succeeding in any, rich soil. The roots may be preserved in and through the winter in a dry cellar. Half-hardy annuals.

Datura, Wright's, or meteloides (<i>Datura Wrightii</i>). A beautiful plant, producing flowers which are of extraordinary size, pure white at the centre, and passing imperceptibly to a lilac blue at the border. 2 to 3 feet . . . . .	.10
“ humilis flore pleno. Double; yellow . . . . .	.10
“ “ chlorantha. A magnificent new variety, producing a profusion of deep golden-yellow flowers; very large, double, and sweet-scented; in bloom a long time. 2 feet . . . . .	.25
“ fastuosa alba. Double; white. 2 feet . . . . .	.10
“ Huberiana. This is a grand acquisition. It attains a height of 5 feet, and a circumference of 15 feet; the robust-growing stalk is of a deep purple; the flowers, the same size as <i>Datura</i> <i>arborea</i> ; the back, of a dark lilac; the inner sides, of a clear white, with green throat; extra fine . . . . .	.25
“ Carthageniensis. Pure white; free-flowering; with large, trumpet-shaped flowers. 2 feet . . . . .	.10

DIANTHUS. NAT. ORD., *Caryophyllaceae*.

A magnificent genus, which embraces some of the most popular flowers in cultivation. The Chinese varieties may be considered the most beautiful and effective of our hardy annuals; the double and single varieties, with their rich and varied colors, in beds or masses, are remarkably attractive; while the recently-introduced species, *Dianthus Heddewigii* and *Dianthus Laciniatus*, with their large and rich-colored flowers, three to four inches in diameter, close, compact habit, and profusion of bloom, are unsurpassed for effectiveness in beds and mixed borders.

Dianthus caryophyllus. (See Carnation Pink)

Dianthus Chinensis	(Chinese Pink). Blooms the first year from seed. The colors are exceedingly rich; crimson and darker shades of that color, approaching to black; mixed	.05
"	" fl. pl. Same as above; selected from finest double flowers	.10
"	" alba. Double white; very fine	.10
"	" Heddewigii. A most beautiful variety. The flowers are very large, from two to three inches in diameter; of a most beautiful shape; and of a variety and brilliancy of colors quite unsurpassed in pinks. Hardy annual. 1 foot	.10
"	" new double. A new variety of this splendid Pink. Hardy annual	.15
"	" grandiflorus albus plenus. This is a new double white variety of the beautiful Heddewigii pink. It is of quite compact, dwarfish habit, resembling Dianthus Heddewigii fl. pl.; and nearly, without exception, constant from seed, which it produces very sparingly	.25
"	" coronatus fl. pl. A new double-flowered variety of this beautiful-striped-variety, raised in Prussia, and received direct from the producer. Very superb	.25
"	" laciniatus. A beautiful variety. The colors are pure white, flesh, rose, various shades of red, carmine, violet, purple, and rich maroon; some being selfs, others striped and spotted; all very delicately cut or fringed. Hardy annual	.10
"	" fl. pl. laciniatus. A double variety of the preceding; very fine	.25
"	atropurpurea hybridus fl. pl. Large, dark, blood-red flowers	.10
"	hybridus fl. pl. New; a hybrid of the Chinese varieties; beautiful, bushy habit; covered with flowers, quite double, of many different colors	.25
"	giganteus. New; extra-fine	.25
"	lilacina. Same habit as D. Chinensis. Excellent variety for edgings and small groups; keeps long in flower; of a lilac self color; very effective	.25
"	Cinnatus. A new species from Japan, of the size of Dianthus Heddewigii, and with deeply-fringed petals. Superb	.25
"	caryophyllus double dwarf mixed. This new, and too little known, species is commendable on account of its compact and bushy habit, and the abundance of its double flowers, variously colored. The flower-stems are pretty nearly equal in height (about twelve to fifteen inches), and stand close to each other, making the whole plant look like a bouquet of flowers	.25

PRICE.

Dianthus dentatus hybrid. Very pretty, but exceedingly sportive; new species; new varieties are found every year in the seedlings; flowers single, semi-double, or double; plants blooming very freely and perpetually through the whole summer and autumn; the finest are easily preserved by propagating from cuttings . . . . .	.25
" Choice varieties mixed . . . . .	.25
" Hispanicus. Finest mixed . . . . .	.05
" Gardnerianus. A beautiful upright-growing variety, flowering freely through the summer; mixed colors. 1½ feet . . . . .	.10
" rubra striata. Double red, striped with white. 1½ feet . . . . .	.10

DIDISCUS. NAT. ORD., *Umbelliferae*.

Didiscus cœruleus. A pretty little plant; blue; half-hardy annual. 1½ feet05
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ERYSIMUM. NAT. ORD., *Cruciferae*.

Showy, free-flowering, handsome hardy annuals; very effective in beds, mixed borders, or ribbons; succeed in light, rich soil. Hardy annuals.

Erysimum Arkansanum. Sulphur yellow; very handsome. 1½ feet . . . . .	.05
" barbarianum variegatum. Yellow; foliage prettily variegated. 1½ feet . . . . .	.05
" peroffskianum. Orange; very showy. 1½ feet . . . . .	.05

ESCHSCHOLTZIA. NAT. ORD., *Papaveraceæ*.

Showy, hardy annuals, of different shades of yellow and creamy white; difficult to transplant.

Eschscholtzia Californica. Bright yellow; darker in centre. 1 foot . . . . .	.05
" crocea. Orange; darker in centre. 1½ feet . . . . .	.05
" " alba. White and fine. 1½ feet . . . . .	.05
" tenuifolia. Flowers small, pale yellow, resembling the Primrose, and numerous; a miniature plant, six inches in height . . . . .	.05
" dentata sulphurea. New . . . . .	.25
" " aurantiaca. New . . . . .	.25

These two new varieties are of great curiosity and importance. The flowers take the form of a Maltese cross, each petal having its edges lapped upon itself, intersected by a mark of deeper color running up the centre. The edges are very curiously jagged. The blossoms of these varieties are always open.

" coccinea striata. New; striped Eschscholtzia; is a great novelty. The color of this flower is composed of alternate stripes of deep orange and sulphur, which produce a very elegant appearance25
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EUTOCA. NAT. ORD., *Hydrophyllaceæ*.

Showy, free-flowering plants, suitable for beds or mixed borders; very attractive; succeed in any light soil. Hardy annuals.

Eutoca alba striata. White striped blue. 1 foot10
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Eutoca viscida. Bright blue. 1 foot	PRICE. .05
" Wrangeliana. Lilac; very pretty. $\frac{1}{2}$ foot05

EUCNIDE. NAT. ORD., *Loasaceae*.

A charming, golden-blossomed plant; effective in mixed borders, or grown in pots for conservatory decoration; succeeds in a light rich soil. Half-hardy annual.

Eucnide bartonoides. A beautiful pot-plant; golden blossoms16
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EUPHORBIA. NAT. ORD., *Euphorbiaceae*.

Euphorbia variegata. A very pretty variegated-foliaged plant. Tender annual05
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FENZLIA. NAT. ORD., *Polemoniaceae*.

A splendid, profuse-blooming, neat little plant, of dwarf growth; very effective in small beds, vases, or rustic baskets; remains in flower the whole summer; thrives best in a light rich soil.

Fenzlia dianthiflora. Rosy lilac; crimson centre, with yellow anthers; hardy annual. $1\frac{1}{2}$ feet25
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FERNS. NAT. ORD., *Polypodiaceae*.

This graceful and magnificent tribe is too well known and highly appreciated to need description. Delights in peaty, sandy soil.

Ferns. Choicest greenhouse varieties, mixed25
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FEVERFEW (PYRETHRUM). NAT. ORD., *Compositae*.

Handsome, free-flowering, highly-ornamental plants; producing a fine effect in the mixed flower and shrubby borders; succeeds in any rich soil.

Feverfew, double white. A beautiful bedding-plant; blooming all the season; half-hardy. 1 foot10
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FLOS ADONIS. NAT. ORD., *Ranunculaceae*.

Flos Adonis. Handsome foliage, with blood-red flowers; very pretty; hardy annual05
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GAURA. NAT. ORD., *Onagraceae*.

An exceedingly handsome and free-flowering herbaceous plant; continuing in bloom the whole summer; succeeds best in sandy loam. Half-hardy annual.

Gaura Lindheimeria. White, with pink calyx. 2 feet10
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GAILLARDIA. NAT. ORD., *Compositae*.

Splendid bedding-plants; remarkable for the profusion, size, and brilliancy of their flowers; continuing in beauty during summer and autumn; thriving in any light rich soil.

Gaillardia alba marginata. White-edged; half-hardy annual. $1\frac{1}{2}$ ft. . . . .	.05
" aristata. Yellow; very showy; half-hardy perennial . . . . .	.05
" grandiflora hybrida. Rich crimson and yellow; remarkably large; half-hardy annual. $1\frac{1}{2}$ feet . . . . .	.10
" picta. Crimson and yellow; half-hardy annual. $1\frac{1}{2}$ feet . . . . .	.05
" Richardsonii. Orange, with brown centre; hardy perennial. $1\frac{1}{2}$ feet . . . . .	.10
" Choice varieties, mixed . . . . .	.10

GILIA. NAT. ORD., *Polemoniaceæ.*

A very pleasing family of annuals; may be sown at any time, and will bloom in almost any situation. The flowers are disposed in panicles or clusters, and admirably adapted for culture either in masses or detached patches. The three-colored variety is the prettiest, and lasts the longest in bloom. Hardy annual.

Gilia achilœfolia.	Lilac. 1½ feet . . . . .	.10
“	“ alba. A very fine variety, with pure white flowers . . . . .	.10
“	Californica. Pale lilac. 1½ feet . . . . .	.05
“	capitata. Sky-blue. ¾ foot . . . . .	.05
“	laciniata. A distinct variety, blooming in the corymbose form; blue. ¾ foot . . . . .	.25
“	tricolor. Yellow eye, surrounded by a purple ring bordered by pale blue. 1 foot . . . . .	.05
“	rosea. Flowers, rosy-tinted. ¾ foot. . . . .	.05

GODETIA. NAT. ORD., *Onagraceæ.*

All the varieties of Godetia are well worth growing, and no garden can be said to be complete without them; their profuseness of bloom and delicate tints of color have long rendered them universal favorites.

Godetia alba.	Pure white. 1½ feet . . . . .	.05
“	bifrons. Rose lilac, blotched with carmine . . . . .	.05
“	insignis. Red; lilac-purple blotches . . . . .	.05
“	Lindleyana. Peach lilac; carmine centre . . . . .	.05
“	“ fl. pl. New; rich rosy purple. 1 foot . . . . .	.10
“	rubicunda. Rosy lilac, with ruby centre . . . . .	.05
“	“ splendens. This is a very fine variety, differing from the preceding; larger, brighter color . . . . .	.10
“	rosea alba. White, blotched with carmine. 1½ feet . . . . .	.05
“	“ Tom Thumb. Pure white; rich carmine centre; very beautiful. 1 foot . . . . .	.10
“	The Bride. Cup-shaped blossom of pure white, with a broad brilliant crimson ring at base of corolla . . . . .	.10
“	Fine mixed . . . . .	.05

GYPSOPHILA. NAT. ORD., *Caryophyllaceæ.*

A pretty, free-flowering, elegant little plant, best adapted for rustic rock-work and edgings; succeeding in any garden-soil. Hardy annuals.

Gypsophila elegans.	Small, starry, purple and white flowers. 1 foot . . . . .	.05
“	rose-colored. A variety of the preceding, with rose-colored flowers. 1 foot . . . . .	.05
“	muralis. Beautiful dwarf plant; neat and pretty; with small flowers, which completely cover the plant. ½ foot . . . . .	.10

HAWKWEED. NAT. ORD., *Compositæ.*

Very useful, free-flowering plants; exceedingly showy in beds or borders. Hardy annuals.

Hawkweed.	Red. 1 foot . . . . .	.05
“	Silvery. 1½ feet . . . . .	.05

		PRICE.
Hawkweed.	Yellow. 1 foot . . . . .	.05
"	Mixed . . . . .	.05

HEARTSEASE. NAT. ORD., *Violacea.*

(See Pansy.)

HELIOPHILA. NAT. ORD., *Crucifera.*

Very useful plants for small beds or edgings; flowering very profusely, and remaining a long time in beauty. Thrives in any light rich soil. Half-hardy annuals.

Heliophila Arabiodes.	Bright blue; very pretty for edging. $\frac{3}{4}$ foot . . . . .	.05
"	dissecta. Blue. $\frac{3}{4}$ foot . . . . .	.05
"	trifida. Purple. $\frac{1}{2}$ foot . . . . .	.05
"	cærulea stricta. Bright. 1 foot . . . . .	.10
"	Mixed . . . . .	.10

HELIOTROPIUM. NAT. ORD., *Boraginacea.*

The Heliotrope is too well known to need recommendation. Its scent is delightful; well adapted for bedding or pot-culture. Seeds sown early in spring make fine plants for summer decoration. Half-hardy perennial.

Heliotropium, Anna Turrell.	New . . . . .	.10
"	corymbosa. Light blue . . . . .	.10
"	grandiflora. Large trusses; blue. . . . .	.10
"	Peruvianum. Bright purple . . . . .	.10
"	Triumph de Liege. Lavender . . . . .	.10
"	Voltarianum. Dark purple. . . . .	.10
"	Mixed varieties . . . . .	.10

HELIANTHUS (SUNFLOWER). NAT. ORD., *Composita.*

A well-known genus of the most showy plants, remarkable for their stately growth, and the brilliancy and size of their flowers. They are eminently adapted for dispersing in large shrubby-borders, or round the margin of lakes or ponds, where they prove most effective. Hardy annuals.

Helianthus argophyllus.	Yellow; double; leaves, silky white. 5 feet . . . . .	.10
"	Californicus grandiflorus. Orange; extra large, and double. 5 feet . . . . .	.10
"	nana flore pleno. Double; dwarf. 3 feet . . . . .	.05
"	" green-centred. New; yellow; very double, with a conspicuous green centre; the finest of its class; should be in every collection. 4 feet . . . . .	.10
"	grandiflorus plenissimus. New; similar to <i>H. Californicus</i> , from which variety it differs by its large, elegant, and gigantic habit; its flowers attain double the size, and, when fully expanded, are perfectly round. 4 $\frac{1}{2}$ feet . . . . .	.25
"	Texanus hybridus. New; surpassing in beauty <i>H. argophyllus</i> ; recommended from the abundance of its flowers. 10 to 12 feet . . . . .	.25
"	Maximiliani. New. A picturesque and interesting plant, with orange-yellow flowers, and narrow, lanceolated leaves; more effective if planted in groups than singly; from Mexico. 4 to 5 feet high . . . . .	.25

Helianthus rigidus. New. A picturesque plant ; from North America ; with coarse, oval leaves ; flowering at the end of each branch ; valuable for planting in shrubberies25

HIBISCUS. NAT. ORD., *Malvacea.*

One of the most ornamental, beautiful, and showy tribe of plants cultivated. They are all alike characterized by the size, and varied, beautiful colors, of their flowers. (For other varieties, see Greenhouse Seeds.)

Hibiscus Africanus. Cream-color ; rich brown centre. Hardy annual. 1½ feet05

HOLLYHOCK, CHINESE (ALTHEA SINENSIS).

NAT. ORD., *Malvacea.*

A good hardy annual ; flowers, showy and double ; about thirty inches in height ; very much resembling the common hollyhock.

Chinese hollyhock, scarlet. Very bright and showy ; new . . .10
 " " " Mixed colors10

ICE-PLANT. NAT. ORD., *Ficoidiaceæ.*

A singular, trailing plant, with thick, fleshy leaves, that have the appearance of being covered with crystals of ice ; very ornamental for rock-work, or mixing with other plants in conservatory or flower-garden.

Ice-plant. Half-hardy annual05

IMPATIENS. NAT. ORD., *Balsaminaceæ.*

Handsome, showy border-plants ; succeeds in light rich soil. Half-hardy annual.

Impatiens glanduligera. Yellow and crimson10

ISOTOMA. NAT. ORD., *Lobeliaceæ.*

A neat, erect, slender-branched plant, from six to twelve inches in height, with starry, light, porcelain-blue, Lobelia-like flowers, which, producing a continuation of bloom throughout the summer, render them very effective for bedding, edging, &c.

Isotoma longiflora. White. 1 foot10
 " **petræa.** Cream-colored10
 " **axillaris.** Blue10

JACOBÆA (SENECIO). NAT. ORD., *Compositæ.*

A useful and exceedingly showy class of gay-colored profuse-blooming plants, of easy culture ; remarkably effective in beds or ribbons ; delights in a light rich soil. Hardy annual.

Jacobeæa, double purple. 1 foot10
 " " **dark-crimson.** 1 foot10
 " " **flesh-color.** 1 foot10
 " " **dwarf-blue.** Silvery-grayish blue. 1 foot10
 " " **lilac.** Fine. 1 foot10
 " " **magenta-color.** Fine. 1 foot10
 " " **white.** 1 foot10
 " " **Finest mixed**10

NEW DWARF DOUBLE VARIETIES.

The following are of a very dwarf and compact habit, and fine for pots or beds:—

Jacoea, dwarf white.	Double.	$\frac{1}{2}$ foot	. . . . .	.10
“	“	crimson.	Double. $\frac{1}{2}$ foot	. . . . . .10
“	“	carmine.	Double. $\frac{1}{2}$ foot	. . . . . .10
“	“	copper-color.	Double. $\frac{1}{2}$ foot	. . . . . .10
“	“	dark blue.	Double. $\frac{1}{2}$ foot	. . . . . .10
“	“	The above varieties mixed	. . . . .	.10

KAULFUSSIA. NAT. ORD., *Compositæ.*

A beautiful annual, resembling an Aster, the ray florets of which curl curiously back after it has been expanded a short time. Half-hardy annual.

Kaulfussia amelloides.	Blue.	$\frac{1}{2}$ foot	. . . . .	.05
“	“	atroviolacea.	Pretty variety; distinguished from the old variety by the dark-purple tinge of its flowers	. . . . . .10
“	“	alba.	White. $\frac{1}{2}$ foot	. . . . . .10
“	“	atroviolacea.	A beautiful, showy, intense-violet-colored variety. Superb	. . . . . .10

LARKSPUR (DELPHINUM). NAT. ORD., *Ranunculaceæ.*

One of the generally cultivated and ornamental genus of plants, combining unusual richness with an endless variety of colors, all of which are extremely beautiful and pleasing. The flowers are produced in the greatest profusion; and the plants, in beds, masses, or ribbons, are strikingly effective. For the guidance of amateurs, we may simply notice that the stock-flowered Larkspur is of the same habit as the old Dwarf Rocket, but has longer spikes, and much larger and more double flowers; the tall stock-flowered variety is the same style as the branching, but with more compact spikes, and larger and more double flowers. The tall-growing varieties, scattered in shrubby-borders, produce a charming effect. Hardy annuals.

Larkspur dwarf rocket.	A fine mixture; very double.	1 foot	. . . . .	.05
“	tall rocket.	Same as preceding, except being taller.	2 $\frac{1}{2}$ ft.	.05
“	hyacinth-flowered.	Finest mixed; double; beautiful	. . . . .	.05
“	dwarf stock-flowered.	A desirable variety; a beautiful collection; very double	. . . . .	.05
“	tall stock-flowered.	Mixed; fine for bouquets	. . . . .	.05
“	pyramidal.	Mixed; very showy	. . . . .	.05
“	new mauve-color.	Very fine	. . . . .	.10
“	tricolor elegans.	Beautifully striped	. . . . .	.10

(See Collections, page 76.)

LAVATERA. NAT. ORD., *Malvaceæ.*

Very showy, profuse-blooming, handsome plants; exceedingly effective when used as a background. Hardy annuals.

Lavatera rosea.	Rose color; fine.	2 feet	. . . . .	.05
“	alba.	White; fine.	2 feet	. . . . . .05

LEPTOSIPHON. NAT. ORD., *Polemoniaceæ.*

Hardy annuals, with small, beautiful flowers; delicate and pretty. If seed is sown in the autumn, they will flower early and well.

	PRICE.
Leptosiphon densiflorus. Flowers in clusters; purple . . . . .	.10
“ aurantus. Golden-yellow; dwarf; fine for edging . . . . .	.10
“ lutens. Pale yellow; plant small; fine for edging . . . . .	.10
“ androsaceus. Pure white and lilac; large; very fine . . . . .	.10
“ hybridus. Splendid colors; new; excellent for pots, baskets, &c. . . . .	.10
“ Varieties mixed . . . . .	.10

LOVE LIES BLEEDING. NAT. ORD., *Amarantaceæ*.

Exceedingly-graceful, free-flowering ornamental plants; very effective in mixed borders. Where cut flowers are in demand for filling vases, they are very useful; succeed in any common soil.

Love Lies Bleeding. Red. 2 feet . . . . .	.05
“ Straw-colored. 2 feet. . . . .	.05

LILIUM. NAT. ORD., *Liliaceæ*.

This magnificent genus of hardy bulbs is too well known and appreciated for its ornamental effect, both in the conservatory and flower-garden, to need description. The seeds often lie dormant several months before vegetating. They should be grown in a mixture of loam, peat, and silver-sand. See special list.

Lilium lancifolium hybridum (JAPAN LILY). Finest mixed . . . . .	.25
“ aurantum (GOLD-STRIPED LILY). This new and magnificent species of lily, introduced from Japan, is spoken of by Dr. Lindley as follows: “If ever a flower merited the name of glorious, it is this, which stands far above all other lilies, whether we regard its size, sweetness, or its exquisite arrangement of color.” It is pure white, with a yellowish band through the centre of each petal, and covered with brownish dots; deliciously fragrant; one stem often produces six to ten of its immense blossoms. 10 seeds. . . . .	.50

LIMNANTHES. NAT. ORD., *Tropeolaceæ*.

Elegant and slightly fragrant annuals; very free-blooming; contrasting well with *Nemophilas*; good for beds, clumps, or edgings; easy of cultivation, growing freely in any good garden-soil. Hardy annuals.

Limnanthes Douglassii. Large-flowered variety; yellow and white; dwarf habit; fragrant. $\frac{1}{2}$ foot . . . . .	.05
“ alba. A white variety. $\frac{3}{4}$ foot . . . . .	.05
“ rosea. Fine rose. $\frac{1}{2}$ foot . . . . .	.05
“ sulphurea odorata. Sulphur-color; fragrant. 1 foot . . . . .	.10

LINUM. NAT. ORD., *Linaceæ*.

A genus of the most beautiful free-flowering plants, amongst which stands, distinguished for its brilliant-colored flowers, *Linum grandiflorum coccineum*, being one of the handsomest, most effective, and showy bedding-plants we have; for, whilst its habit of growth is slender and delicate, it produces a profusion of beautiful, saucer-shaped flowers, of a rich scarlet crimson, with crimson-black centre. The whole genus deserves general cultivation.

Linum grandiflorum coccineum. Brilliant scarlet, with crimson centre. 1 foot. . . . .	.10
“ “ purpureum. A new variety, with rich purple flowers, similar to the above . . . . .	.10

		PRICE.
Linum flavum.	Yellow. 1 foot . . . . .	.10
" Lewisii.	Blue and white stripes. 2 feet . . . . .	.10
"	variegatum. Striped, lilac and white; new. 2 feet .10	.10
"	Mixed . . . . .	.10

LOBELIA. NAT. ORD., *Lobeliaceæ.*

A most elegant and useful genus of dwarf plants; of easy culture; well adapted for bedding, edging, pots, or rockeries. Lobelias are employed as universally in the general summer-garden as scarlet geraniums, for beds, of which they form a neat and effective edging. The varieties of *Lobelia erinus* are generally used for this purpose; yet by some the varieties of *Lobelia ramosa* are preferred, which, though larger in bloom, are neither so elegant nor compact. *Lobelia speciosa* is the finest of all, from its intense dark-blue color, with a clear white spot, and its dark-colored foliage. The varieties of *Lobelia gracilis* are the best adapted for rock-work, pots, or suspended baskets, being of a drooping, graceful habit. The seeds of Lobelias, being very small, cover very slightly when sown. A light rich soil is suitable for all the varieties.

Lobelia cardinalis	(CARDINAL-FLOWER). A native variety, with long spikes of brilliant scarlet flowers; one of the finest border perennials. 2 feet . . . . .	.10
"	" Queen Victoria. Scarlet, with dark foliage; fine. 2 feet . . . . .	.25
"	erinus. Deep blue; flowers in profusion; beautiful dwarf bedder; half-hardy perennial. $\frac{1}{2}$ foot . . . . .	.10
"	" Princess Alexandra. Of the same habit as <i>L. Paxtoni</i> , but with beautiful pure-white flowers . . . . .	.10
"	" Blue King. New; light blue; centre, pure white; improved variety; annual. $\frac{3}{4}$ foot . . . . .	.10
"	" compacta alba. Pretty variety; of a compact, low growth; a profuse and continuous bloomer; flowers, pure white; very good for borders; annual. $\frac{1}{2}$ foot . . . . .	.10
"	" marmorata. Marbled, blue and white; half-hardy annual. $\frac{1}{2}$ foot . . . . .	.10
"	" oculata. Blue; white eye; half-hardy annual. $\frac{1}{2}$ foot . . . . .	.10
"	" speciosa. Crystal-Palace variety; deep blue; extremely beautiful; half-hardy annual. $\frac{1}{2}$ foot . . . . .	.10
"	" Paxtoniana. A beautiful variety of the <i>speciosa</i> ; fine habit; with profuse bloom of pure white, with sky-blue belt; the largest flower and best habit in the tribe; a beautiful bedding-plant; half-hardy annual. $\frac{1}{2}$ foot . . . . .	.10
"	gracilis. Slender; pale blue; pretty for masses or edging; half-hardy annual . . . . .	.10
"	" rosea. rosy lilac; flowers, large; half-hardy annual. $\frac{3}{4}$ foot . . . . .	.10
"	" erecta. Fine; new; compact; well adapted for pots; half-hardy annual. $\frac{1}{2}$ foot . . . . .	.10
"	ramosa. Branching; splendid blue; large flowers; half-hardy perennial. $\frac{3}{4}$ foot . . . . .	.10
"	Fine mixed varieties . . . . .	.10

MALVA OR MALLOWS. NAT. ORD., *Malvaceae*.

Showy, free-flowering border-plants; succeeding in any garden-soil. Hardy annuals.

Malva capensis.	Red and white.	2 feet	. . . . .	.05
"	coccinea.	Purple.	2 feet05
"	zebrina.	White and purple, striped	. . . . .	.05
"	moschata.	Rose-foliage; musk-scented	. . . . .	.05

MARTYNIA (UNICORN PLANT). NAT. ORD., *Pedaliaceae*.

Handsome tropical annual, remarkable for the size of their flower compared with their leaves; requires a light rich soil and a warm situation. Tender annual.

Martynia, fragrans	(sweet-scented).	Purple.	2 feet05
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MARIGOLD. NAT. ORD., *Compositae*.

A tribe of magnificent, free-flowering plants, with double flowers, of rich and beautiful colors, producing a splendid effect, whether planted in beds, borders, or ribbons. The African, the tallest, is the most striking in large beds, mixed flower and shrubby borders. The dwarf French, used as a foreground to taller plants, is invaluable. The new brown and orange miniature French varieties make splendid compact edgings to beds or borders. The seed we offer has been saved from the most double flowers, and cannot fail to give satisfaction. Half-hardy annuals.

Marigold, African.	Lemon.	2 feet	. . . . .	.05	
"	"	orange.	2 feet	. . . . .	.05
"	French.	Dwarf; beautifully striped.	1 foot	. . . . .	.05
"	dwarf French	(NEW GOLDEN). A new golden dwarf;				
		very double and constant. The habit is dwarf and compact;				
		the flowers are so double as to have the appearance of miniature African Marigolds. A suitable variety to contrast with				
		Dunnett's New Orange French Marigold	. . . . .	.10	
"	French, tall.	Striped.	1½ feet	. . . . .	.05
"	"	orange.	New. 1½ feet	. . . . .	.05
"	"	new dwarf miniature.	Brown. ½ foot	. . . . .	.05
"	"	"	orange.	½ foot05
"	Dunnett's new orange.	Extra-fine.	. . . . .	.10	
"	Choice mixed varieties	. . . . .	. . . . .	.10	
"	ranunculus.	Orange; very double.	1 foot	. . . . .	.05
"	Cape (<i>Calendula Pluvialis</i>).	White and violet	. . . . .	.05	
"	superb garden.	Improved orange; a well-known border plant	. . . . .	.10	

MESEMBRYANTHEMUM. NAT. ORD., *Mesembryaceae*.

A brilliant and profuse-flowering tribe of extremely pretty dwarf-growing plants; strikingly effective in beds, edgings, rock-work, rustic baskets, or vases, in warm, sunny situations; also for in-door-decoration, if grown in pots, pans, or boxes; succeed best in a dry, loamy soil.

Mesembryanthemum capitatum.	Yellow.	¾ foot	. . . . .	.05	
"	crystallinum (ICE PLANT).	White.	¾ foot	. . . . .	.10
"	glabrum.	Light yellow.	¾ foot	. . . . .	.05
"	tricolor.	Rose pink, with purple centre.	½ ft.	. . . . .	.05

	PRICE.
Mesembryanthemum tricolor album. Silvery white; purple centre. $\frac{1}{2}$ foot . . . . .	.10
“ Finest mixed . . . . .	.10

MIMOSA (SENSITIVE-PLANT). NAT. ORD., *Leguminosæ*.

Mimosa pudica. Grown as a curiosity, being so sensitive that the leaves close up by being slightly touched. Suitable for growing in pots, or the open border. 1 foot05
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MIGNONETTE. NAT. ORD., *Resedaceæ*.

A well-known, fragrant favorite, which produces a pleasing contrast to the more showy occupants of the parterre. If well thinned out, the plants will grow stronger, and produce larger spikes of bloom. The seeds may be scattered about shrubbery and mixed flower-borders, where it grows readily. Hardy annual.

Mignonette (<i>Reseda odorata</i>). The well-known sweet-scented variety. (25 per ounce) . . . . .	.05
“ grandiflora. Large-flowered variety . . . . .	.05
“ myrophylla (<i>Reseda myrophylla</i>). Myriad-leaved . . . . .	.10
“ tree (<i>Reseda erecta</i>). 2 feet . . . . .	.10
“ crystallina. A very interesting species; similar in habit to <i>Reseda Odorata</i> (Mignonette), but with larger capsules or seed-pods, which are covered with transparent granulations or crystals, in the manner of the Ice-plant . . . . .	.10

MORNING GLORY. NAT. ORD., *Convolvulacæ*.

Morning Glory. The finest varieties mixed. 20 feet . . . . .	.05
(For other varieties, see <i>Convolvulus</i> and <i>Ipomeas</i> .)	

MOURNING BRIDE. NAT. ORD., *Dipsacæ*.

(See *Scabious*.)

MYOSOTIS (FORGET-ME-NOT). NAT. ORD., *Boraginacæ*.

Charming little favorite popular plants, producing their beautiful star-like flowers in great profusion. They grow freely in any soil; but a moist situation, near fountains or damp rockeries, are best suited to them; invaluable for spring garden-decoration.

Myosotis alpestris. Blue. $\frac{1}{2}$ foot . . . . .	.05
“ “ White. $\frac{1}{2}$ foot . . . . .	.10
“ palustris (Forget-me-not). White and blue. $\frac{1}{2}$ foot . . . . .	.10
“ azorica. Dark blue; new; fine. 1 foot . . . . .	.10

NEMOPHILA. NAT. ORD., *Hydrophyllacæ*.

This is the most charming and useful genus of dwarf-growing hardy annuals; all the varieties have a neat, compact, and uniform habit of growth, with shades and colors the most strikingly beautiful; when ribboned, sown in circles, or arranged in any style which the fancy may suggest, the effect is pleasing and very striking.

Nemophila discoidalis nigra. New; a perfectly black blossom; a great novelty. The blossom of this <i>Nemophila</i> , when young, is a pure jet-black from centre to circumference25
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	PRICE.
Nemophila discoidalis argentea. New; a charming variety, with silvery-white blossoms, spotted with chocolate; particularly adapted for rockeries or pots25
“ maculata. White, veined with lilac; petals blotched with violet. $\frac{3}{4}$ foot . . . . .	.05
“ “ variegata. New; white, veined with lilac and blotched with violet; foliage beautifully variegated in the first stages of its growth, at which period it is one of the most effective plants for edgings. $\frac{3}{4}$ foot . . . . .	.10
“ “ grandiflora. New; a seedling from the popular Maculata, the flowers of which are as large as a silver half-dollar; very showy . . . . .	.10
“ atomaria. White, with black spots. $\frac{1}{2}$ foot . . . . .	.05
“ “ oculata. Celestial blue, blotched with black; new and very pretty. $\frac{1}{2}$ foot . . . . .	.10
“ discoidalis. Rich velvety black, edged with white. $\frac{1}{2}$ ft. . . . .	.05
“ “ elegans. Maroon, bordered with white. Half-hardy annual . . . . .	.10
“ “ marmorata. Marbled. $\frac{1}{2}$ foot . . . . .	.05
“ insignis grandiflora. Bright blue, with white centre. $\frac{1}{2}$ foot . . . . .	.05
“ “ “ alba. Pure white. $\frac{1}{2}$ foot . . . . .	.05
“ “ marginata. Celestial blue, edged with white. $\frac{1}{2}$ foot . . . . .	.05
“ “ striata. Blue and white. $\frac{1}{2}$ foot . . . . .	.05
“ phacelioides. Lilac; white centre. $\frac{1}{2}$ foot . . . . .	.05
“ Varieties mixed . . . . .	.05

NEMESIA. NAT. ORD., *Scrophulariaceae.*

Exceedingly pretty and profuse-blooming plants. *Nemesia compacta* and *alba* should be grown in every garden. Half-hardy annual.

Nemesia floribunda. White and yellow; sweet-scented . . . . .	.05
“ versicolor compacta. Blue and white. 3 feet . . . . .	.10
“ “ alba. Pure white. $\frac{3}{4}$ foot . . . . .	.10

NICOTIANA (TOBACCO-PLANT). NAT. ORD., *Solanaceae.*

These are strong-growing, fine-foliaged plants. They are very effective for large shrubby borders. The leaves of some varieties are valuable for fumigating purposes. Tender annuals.

Nicotiana glutinosa. Scarlet. 3 feet . . . . .	.10
“ macrophylla gigantea. This variety, or species, is the most remarkable now under cultivation. Its leaves are much larger than any other variety; its stems eight to ten feet in height, crowned with bunches, or corymbs, of large purple flowers. The general aspect of the plant is very fine: it will be displayed to great advantage on the lawns, either scattered or in groups . . . . .	.10

NIGELLA (LOVE-IN-A-MIST). NAT. ORD., *Ranunculacea*.

PRICE.

A genus of very interesting, compact-growing, free-flowering plants, with curious-looking flowers and seed-pods; grows freely in any garden-soil. Hardy annuals.

Nigella Damascena.	Blue; fine . . . . .	.05
"	" nana. A dwarf variety; flowers, blue and white;	
	double . . . . .	.05
"	Hispanica. Blue; very showy . . . . .	.05
"	" alba. Pure white . . . . .	.05
"	Mixed . . . . .	.05

NOLANA. NAT. ORD., *Nolanaceae*.

Very pretty trailing-plants, after the character of the *Convolvulus minor*; fine for rock-work, hanging-baskets, old stumps, &c.; succeeds best in a light rich soil. Hardy annuals.

Nolana atriplicifolia.	Blue, violet, and yellow. $\frac{1}{2}$ foot . . . . .	.05
"	" alba. White; yellow centre . . . . .	.05
"	" subcærulea. A fine variety, with mauve-colored flowers . . . . .	.10
"	prostata. Fine blue, streaked with black . . . . .	.05
"	Mixed . . . . .	.05

NYCTERINIA. NAT. ORD., *Scrophulariaceae*.

Neat, compact little plants, covered with pretty, sweet-scented, star-shaped flowers; valuable for edgings, rock-work, stumps, or small beds; succeeds in a light rich soil. Half-hardy annuals.

Nycterinia capensis.	White; yellow centre. $\frac{1}{2}$ foot . . . . .	.10
"	selaginoides. Pink; yellow centre. $\frac{1}{2}$ foot . . . . .	.10
"	" alba. Pure white. $\frac{1}{2}$ foot. . . . .	.10

OBELISCARIA. NAT. ORD., *Compositæ*.

Bold, showy plants, with rich-colored flowers and curious, acorn-like centres; succeeds in any common garden-soil.

Obeliscaria pulcherrima.	Rich velvety crimson, edged and tipped with yellow; hardy annual. $\frac{1}{2}$ foot . . . . .	.05
"	aurantiaca. Yellow. 2 feet . . . . .	.10

ENOTHERA. NAT. ORD., *Onagraceae*.

A magnificent genus; one of the most useful and beautiful, either for beds, borders, edgings, or rock-work. All the varieties are free-flowering. Of the annual varieties, *Enothera Drummondii nana* and *Enothera bistorta Veitchii* succeed in any good soil.

Enothera acaulis.	A large-flowered variety, with silvery-white blossoms . . . . .	.10
"	biennis hirsutissima. Crimson orange; half-hardy annual. 2 feet . . . . .	.05
"	bistorta Veitchii grandiflora. Pure yellow; crimson-spotted; half-hardy annual. 1 foot . . . . .	.10
"	macrantha. Large yellow flowers; hardy annual. 2 feet . . . . .	.10
"	odorata. Sweet-scented yellow flowers; hardy annual. 1 ft. . . . .	.05



NICOTIANA MACROPHYLLA GIGANTEA. See page 35.



DOUBLE ZINNIA. See page 47.

	PRICE.
Cenothera rosea Mexicana. Small rose-colored flowers; hardy annual. 1 foot . . . . .	.05
“ Drummondii nana nova. Bright yellow variety; half-hardy annual. 1 foot . . . . .	.10
“ “ alba. Similar in habit and flower to the <i>C. Drummondii nana</i> , but with beautiful pearly-white blossoms; exceedingly fine . . . . .	.10
“ grandiflora Lamarckiana. Bright yellow; the most effective and strikingly beautiful of this splendid genus; flowers, three to four inches in diameter, and produced in the greatest profusion. 3 feet . . . . .	.10
“ Fine mixed . . . . .	.10

OXALIS. NAT. ORD., *Oxalidaceae*.

A splendid class of plants, with brilliantly-colored flowers, with dark foliage; suitable either for rock-work, rustic baskets, or edgings. Hardy annuals.

Oxalis rosea. Rose-colored; blooms abundantly. $\frac{1}{2}$ foot . . . . .	.10
“ tropæoloides. Deep yellow; brown leaves; a very interesting variety. $\frac{1}{2}$ foot . . . . .	.10
“ corniculata rubra. Coppery-brown foliage; very ornamental for edgings, &c. . . . .	.10
“ Mixed . . . . .	.10

PANSY (HEARTSEASE, OR *VIOLA TRICOLOR*). NAT. ORD., *Violaceae*.

The Pansy, or Heartsease, is a general favorite. The flowers are in the greatest perfection in May and June; the burning sun of summer is unfavorable for their greatest beauty, but in autumn they are fine again. The Pansy can be perpetuated by cuttings or division of the roots. Seeds sown in August, in the open borders, will come up readily in a few weeks. The seeds should be slightly covered with fine soil, and firmly pressed in the earth. As soon as they expand the second set of leaves, they should be planted out into beds; if planted in the spring, they should not be allowed to flower until late in the fall. They require to be covered during the winter with evergreen boughs or a cold frame. The following seeds were selected from the most celebrated European florists from prize collections, and we can recommend them as first-class in every respect:—

Pansy. Large-flowering stained variety. This may be considered an extra-fine selection of the popular large-flowering varieties. The inferior petals are spotted, with very large and showy stains; very remarkable . . . . .	.50
“ new. Large-flowered, margined; fancy . . . . .	.25
“ auriculiflora. Brown, rose-margined; fine . . . . .	.25
“ atropurpurea. Pure, dark, velvety-crimson . . . . .	.25
“ “ marginata alba. Velvety-crimson, with white eye, and margined . . . . .	.25
“ “ aurea. Velvety-crimson, with golden ground, and margined . . . . .	.25
“ pelargonæflora. Each petal having a large maroon blotch on white ground; yellow eye . . . . .	.50
“ picturata. Dark-maroon, marbled with bronze . . . . .	.25

	PRICE.
Pansy, golden yellow. Constant and fine . . . . .	.20
“ dark blue. Constant and fine . . . . .	.25
“ light blue. Constant and fine . . . . .	.20
“ bronze-colored. Constant and fine . . . . .	.20
“ rose-marbled. Constant and fine . . . . .	.25
“ violet. White-margined; constant and fine . . . . .	.25
“ purple. White-margined; constant and fine . . . . .	.25
“ Faust, or King of the Blacks. Flowers black; fine . . . . .	.20
“ white. Very fine . . . . .	.25
“ fine mixed . . . . .	.10
“ extra mixed. Saved from named flowers, from English prize collections . . . . .	.50
“ superb mixed . . . . .	.25
“ choice mixed French varieties. . . . . .	.25
“ “ “ German varieties . . . . .	.25

PERILLA. NAT. ORD., *Labiatae.*

Its habit of growth is neat and shrubby, whilst its foliage is a deep mulberry or blackish purple, and forms a fine contrast to the silvery foliage of *Cineraria Maritima*, or the lively green of other plants. Half-hardy annual.

Perilla Nankinensis. Leaves, a deep mulberry or purplish black. 2 ft. .05

PETUNIA. NAT. ORD., *Solanaceae.*

A highly-ornamental and easily-cultivated garden favorite, equally effective and beautiful for the decoration of the greenhouse, or planted out in beds or mixed borders. The brilliancy and variety of its colors, combined with the duration of its blooming period, render it invaluable. Seeds sown in spring make fine bedding-plants for summer and autumn display; succeeds in any rich soil. Half-hardy perennials.

Petunia, Dunnet's new hybrid. Striped and blotched; extra-fine . . . . .	.25
“ grandiflora hybrida. Mixed; saved from named flowers . . . . .	.25
“ marginata. Green-bordered; a fine variety . . . . .	.10
“ Buchanan's hybrids. Beautifully blotched and marbled; a fine variety . . . . .	.25
“ inimitable. Red-margined, and blotched with pure white; fine . . . . .	.25
“ “ marmorata. A beautiful variety; flowers marbled and blotched . . . . .	.25
“ Countess of Ellesmere. Deep rose, with white throat . . . . .	.10
“ flore pleno. These are fecundated with great care, and are sure to produce a large percentage of double flowers . . . . .	.25
“ large-flowered alba. White; fine . . . . .	.10
“ “ “ purpurea. Purplish red, with the centre purple-veined . . . . .	.10
“ “ “ rosea. Rose-colored . . . . .	.10
“ “ “ nyctaginiflora. White; free-blooming . . . . .	.05
“ “ “ Phoenicea. Purple . . . . .	.05
“ “ “ striata. Fine-striped . . . . .	.10
“ “ “ satin rose. Very delicate . . . . .	.10

	PRICE.
Petunia, good mixed . . . . .	.05
“ fine “ . . . . .	.10
“ the largest flowers, extra, mixed . . . . .	.25

PHACELIA. NAT. ORD., *Hydrophyllaceae.*

Curious plants; flowers in one side fascicles, resembling Heliotrope.
Hardy annuals.

Phacelia congesta. Azure blue. 2 feet . . . . .	.10
“ conspicua. Violet. 2 feet . . . . .	.10
“ tanacetifolia. Lilac. 2 feet . . . . .	.10

PHLOX DRUMMONDII. NAT. ORD., *Polemoniaceae.*

These flowers are of extreme beauty; their long duration in bloom, and their almost unequalled richness of color, render them invaluable in the general flower-garden; and a finer sight than a bed of Phlox Drummondii is scarcely to be seen; the mixed is in a great variety, and we strongly recommend it. Half-hardy annuals.

Phlox Drummondii alba. Pure white. . . . .	.10
“ “ oculata. Pure white, with purple eye . . . . .	.10
“ “ marmorata. Marbled . . . . .	.10
“ “ Leopoldii. Purple; white eye . . . . .	.10
“ “ Napoleon III. Dark crimson; very fine . . . . .	.10
“ “ Queen Victoria. Violet; white eye . . . . .	.10
“ “ coccinea. Pure, deep scarlet . . . . .	.10
“ “ Radowsky. New; deep rose, striped with white . . . . .	.10
“ “ variabilis. Slate-blue, marbled . . . . .	.10
“ “ chamois rose. New; very delicate . . . . .	.20
“ “ Black Warrior. Dark crimson . . . . .	.10
“ “ Prince of Wales. New color, changing from dark purple to lilac . . . . .	.10
“ “ Princess Royal. New; dark lilac, striped with white . . . . .	.10
“ “ William I. New; crimson, striped with white . . . . .	.10
“ “ Eugenie. Variegated . . . . .	.10
“ “ Isabellina. New; yellow; delicate shade . . . . .	.25
“ “ Splendid varieties, mixed . . . . .	.10
“ Perennial varieties, choice mixed . . . . .	.10

PORTULACA. NAT. ORD., *Portulacae.*

In praise of these charming flowers it is impossible to speak too highly; and it may be safely affirmed that a garden without them is devoid of its brightest ornaments; for brilliant, beautiful, and delicate colors, this charming genus stands unrivalled; and, whether in baskets, beds, edgings, or rock-work, its large, splendid flowers, produced in the greatest profusion, are extremely effective; succeeds best in light, gravelly soils, or mixed with lime rubbish. Half-hardy annuals. Growing about six inches.

Portulaca splendens. Rich crimson; showy. $\frac{1}{2}$ foot . . . . .	.05
“ Thellusonii. Splendid scarlet. $\frac{1}{2}$ foot . . . . .	.05
“ aurea. Yellow. $\frac{1}{2}$ foot . . . . .	.05
“ alba. A pure white; fine. $\frac{1}{2}$ foot . . . . .	.05

	PRICE.
Portulaca Thorburnii. Deep orange. $\frac{1}{2}$ foot . . . . .	.05
“ rosea. Fine rose. $\frac{1}{2}$ foot . . . . .	.05
“ caryophylloides. Carnation-striped; white and crimson; superb. $\frac{1}{2}$ foot . . . . .	.05
“ aurantiaca. Bright orange . . . . .	.05
“ Fine mixed . . . . .	.05
“ grandiflora fl. pl. (Double-flowering portulaca). One of the most desirable novelties introduced. The seeds are selected from the finest double varieties, of the most brilliant colors, of scarlet, crimson, white, buff, variegated, and yellow, of various shades; which will produce a large proportion of double flowers, from one to two inches in diameter, resembling roses in appearance . . . . .	.25

POPPY. NAT. ORD., *Papaveracea.*

Remarkably showy, free-flowering plants, producing a rich and effective display in large mixed borders, in shrubberies, or select plantations; grows freely in any soil. Hardy annuals.

Poppy, carnation (PAPAVER SOMNIFERUM). Finest mixed; double. 2 ft.	.05
“ French. Finest dwarf mixed; double. 1 foot . . . . .	.05
“ German. Finest mixed; double . . . . .	.05
“ pæony-flowered. Fine mixed; double . . . . .	.05
“ ranunculus. Double; mixed . . . . .	.05
“ dwarf. Single; mixed . . . . .	.05

PRINCE'S FEATHER. NAT. ORD., *Amarantacea.*

Ornamental plants, with elegant plumes of rich-colored flowers; succeeds well in any good garden-soil. Hardy annuals.

Prince's Feather (AMARANTHUS). Large-flowered; crimson. 2 feet05
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RICINUS (CASTOR-OIL BEAN). NAT. ORD., *Euphorbiacea.*

A magnificent and highly ornamental genus. The picturesque foliage and stately growth, combined with brilliant-colored fruit, of the new varieties, impart to plantations, shrubberies, and mixed-flower borders quite an Oriental aspect. Planted out and grown as single specimens, on lawns and pleasure-grounds, as an ornamental-foliaged plant, they form a new and striking feature. Half-hardy annuals.

Ricinus Africanus hybridus. Rose-colored hybrid; very handsome; new. 7 feet . . . . .	.25
“ giganteus. Plant and leaves of enormous size; new. 12 feet . . . . .	.25
“ insignis. New; splendid. 7 feet . . . . .	.25
“ major (CASTOR-OIL BEAN). Very ornamental foliage. 6 to 8 ft. . . . .	.05
“ sanguineus. A very stately-growing plant, seven feet high, with large and highly ornamental foliage of Oriental aspect, with clusters of red fruit. 6 feet . . . . .	.10
“ “ tricolor. This species has its stems and leaves colored green, brown, and red. 7 feet . . . . .	.10
“ Obermannii. Deep red; fine. 8 feet . . . . .	.10
“ Mixed . . . . .	.10

SCHIZOPETALUM. NAT. ORD., *Crucifera.*

An interesting plant, with prettily-fringed flowers, emitting in the after-part of the day a delicious perfume; should be grown in masses in mixed-flower borders; succeeds best in a rich, loamy soil. Hardy annual.

Schizopetalum Walkerii. White. $\frac{1}{2}$ foot10

SNAPDRAGON. NAT. ORD., *Scrophulariaceae.*

(See *Antirrhinum.*)

SILENE, OR CATCHFLY. NAT. ORD., *Caryophyllaceae.*

Among the *Silenes* will be found some of the brightest ornaments of the flower-garden, in respect to brilliancy of color, or length of duration in bloom; fine for beds, borders, or ribbons. Hardy annuals.

- Silene pendula alba.** A low, branching plant, covering as much ground as a strong *Verbena*; flowers, pure white; very free bloomer.10
- “ “ **ruberima.** The same habit as *S. Alba*; flowers, bright-carmine rose10
- “ **orientalis.** Bright-rose flowers; border variety. 2 feet . . .05
- “ **Schaftii.** Rosy lilac; hardy perennial; blooms for months. $\frac{1}{2}$ ft. .05
- “ **saxifraga.** White; hardy perennial; grassy foliage. $\frac{1}{2}$ foot . .05
- “ Mixed varieties10

SPHENOGYNE. NAT. ORD., *Compositae.*

A very showy, free-flowering plant; very effective for beds, mixed borders, edging, or ribbons. Hardy annual.

- Sphenogyne speciosa.** Bright yellow; black centre. 1 foot . . .05
- “ “ **aurea**25
- “ “ **sulphurea**25

Two beautiful varieties of *S. speciosa*; one a bright golden-orange, the other a bright sulphur. The colors are pure and well contrasted, and will prove more effective than the original *S. speciosa*, from which they are quite distinct.

STOCKS (*MATHIOLA ANNUA*). NAT. ORD., *Crucifera.*

The Stock Gilliflower is the most popular, beautiful, and important of our garden favorites; and, for bedding, massing, edging, or ribboning, it is unsurpassed for brilliancy and diversity of color, or profusion and duration of bloom.

IMPORTED GERMAN TEN-WEEK STOCKS.

These, on account of the very great proportion (*viz.*, two-thirds) which may be depended upon to flower double, are now extensively used for bedding, massing, grouping, and edging; and few plants indeed, in such positions, produce so brilliant a display, and are so universally admired. They may be classed under five heads; *viz.*, Dwarf, Miniature, Large-flowered, Pyramidal, and Wallflower-leaved. The Stock bears transplanting well; and seeds may be sown in the hot-bed or cold-frame, or in the open ground in May or June. They should be removed from the seed-bed before they become “drawn.” Make the soil deep and rich. Set the plants about eight or ten inches apart. Half-hardy annuals.

THE DWARF have close, compact spikes of bloom, and throw out many side-shoots.

THE MINIATURE are pretty little dwarf plants (four inches high); they make neat edgings.

THE LARGE-FLOWERED are like the Dwarf, but with larger flowers, and more effective.

THE PYRAMIDAL produce flowers very large, less compact, and more gracefully disposed than the other three varieties. This is a splendid and important section.

THE WALLFLOWER has the characteristics of the Dwarf, but the leaves are glabrous instead of hoary; there is no other material difference.

C. & C. have no hesitation in saying that their COLLECTIONS OF STOCKS are not to be surpassed, for colors and doubleness of flowers. This fact is certified to by hundreds of amateur and other cultivators of previous years. No care, pains, or expense is spared in selecting our varieties from the most celebrated growers in England, France, and Germany.

Stocks, dwarf German (ten-week).

White, crimson, rose, carmine, purple, lilac, and many other colors, separate . . . . .	.10
Good mixed varieties . . . . .	.05
Extra fine " . . . . .	.10
" blood-red, or Victoria scarlet . . . . .	.15
The following new colors, for their beauty and distinctness, are recommended:—	
Pure white, with rose shine; extra; splendid . . . . .	.50
Dark blood-red; splendid . . . . .	.25
Golden yellow, with blue eye; extra; wonderful . . . . .	.50
Yellow, with lilac eye; extra . . . . .	.50
Lilac, with rose shine; very fine . . . . .	.25
Canary yellow; splendid . . . . .	.25
Brilliant rose; quite new; very fine . . . . .	.25
" large-flowering pyramidal (ten-week).	
Finest colors separate . . . . .	.15
New deep orange (aurora-colored) . . . . .	.25
Canary yellow . . . . .	.25
Twenty choice varieties mixed . . . . .	.25
" new large-flowering pyramidal (ten-week).	
Brilliant lilac, white, crimson, rosy salmon, chamois, canary yellow, &c., each color separate . . . . .	.25
Finest mixed . . . . .	.25
" miniature (ten-week). Finest mixed . . . . .	.15
" semperflorens, or perpetual (ten-week).	
Six beautiful colors, separate . . . . .	.10
Finest mixed . . . . .	.15
" hybrid (ten-week). In foliage, between the Wallflower and rough leaves. Finest mixed . . . . .	.10
" new dwarf robust (ten-week). Finest mixed . . . . .	.15
" giant, or tree (ten-week). A very valuable acquisition; flowers, very large, — 1½ to two inches in diameter; height of plants, 2 to 2½ feet; not surpassed for bedding-out purposes; a first-class novelty. Finest mixed colors . . . . .	.25

		PRICE.
Stocks, intermediate, or autumn-flowered.	This variety is especially recommended. When sown early, a continual show is produced from August until late in autumn. Fine for pot-plants, if sown in July or August. Finest mixed	.10
" hybrid giant Cape, or Cocardeau winter.	Very beautiful; finest mixed	.10
" new, large, and early-flowering winter, or Brompton.	A splendid acquisition; the habit is extremely robust; foliage, a most striking green, by which the lively colors produce the greatest effect; flowers early, and continues through the winter; making also a fine bedding variety. Finest mixed	.25
" perpetual, or Emperor large-flowering.		
	Each color separate	.25
	Finest mixed	.10
	Fine red, with wallflower leaves	.25
	White	.25

(See Collections of Stocks, page 44.)

SULTAN. NAT. ORD., *Composita.*

Handsome border annual, of easy culture; with large, fragrant flowers; blooming from July to September; fine for bouquets.

Sultan sweet.	White. 2 feet	.05
"	" purple. 2 feet	.05
"	" yellow. Fine. 2 feet	.05

SUNFLOWER. NAT. ORD., *Composita.*

Sunflower common.	Yellow	.05
" new Mammoth Russian.	Sent out last year, and has proved to be a valuable acquisition to poultry-feeders	.10

(For other varieties, see Helianthus.)

SWEET ALYSSUM (*See Alyssum*).

TAGETES. NAT. ORD., *Composita.*

Elegant, free-flowering plants, with pretty foliage; very effective in mixed borders; succeeds best in a light rich soil. Half-hardy annuals.

Tagetes signata pumila.	An elegant new dwarf variety, one foot high; when full grown the plant will measure two feet in diameter, forming a beautiful compact bush, completely covered with flowers, and continuing in bloom until hard frost sets in; one of the most showy plants for borders and dwarf-beds yet introduced. Plants should stand at least two and a half feet apart	.10
" lucida.	Deep yellow. 1 foot	.05
" signata.	Orange, streaked with brown. 2 feet	.05

TRIFOLIUM. NAT. ORD., *Leguminosæ.*

Remarkably showy plant, with large handsome flowers; grows freely in any soil. Hardy annual.

Trifolium atropurpureum.	Dark purple. 1 foot	.05
" odoratum (SWEET-SCENTED CLOVER).	White; very fragrant. 4 feet	.05
" incarnatum.	Scarlet. 1 foot	.05

TROPÆOLUM. NAT. ORD., *Tropæolaceæ.*

A very splendid class of half-hardy annuals, generally known as the NASTURTION. The foliage of most varieties is light green, clear, and beautiful; flowers large, of all the different shades of yellow, orange, and red, and very brilliant. This flower has been much improved. The varieties of *T. majus* and *T. Lobbianum (hybridum)* and the Canary-bird Flower (*T. peregrinum*) will be found described among the climbers. *T. minus* and its varieties are dwarf, round-headed plants, about a foot high, and make fine showy beds.

Tropæolum minus, Cattell's.	Dark crimson	. . . . .	.10
"	"	Scarlet	. . . . . .10
"	"	Mixed	. . . . . .10
"	"	Tom Thumb Crystal-Palace Gem. Sulphur, spotted with maroon	. . . . . .10
"	"	spotted. Yellow, spotted with crimson	. . . . . .10
"	"	Beauty. Orange and vermilion	. . . . . .10
"	"	yellow	. . . . . .10
"	"	scarlet	. . . . . .10
"	"	Pearl. Creamy white	. . . . . .10
"	"	King of Tom Thumbs. New; foliage, dark bluish-green; flowers, brilliant scarlet, produced in great abundance, making a blaze of brilliance	. . . . . .25
"	"	King Theodore. New; foliage similar to King of Tom Thumbs, but the flowers almost black	. . . . . .25
"	"	pyramidalis. New; dwarf pyramid; covered with bright scarlet flowers	. . . . . .25
"	"	cærulea rosea. New; free-blooming. The flowers are thrown well above the foliage; are of brilliant rose, shaded, underlaid with a peach-blue	. . . . . .25
"	"	Lilli Schmidt. New; a very profuse bloomer, with intensely-bright-scarlet flowers; very large, the petals overlapping each other; form, very perfect	. . . . . .25

VENUS'S LOOKING-GLASS. NAT. ORD., *Campamilaceæ.*

A free-flowering, pretty little plant, of nice habit of growth, especially adapted for beds, ribbons, or edgings; grows well in any garden soil. Hardy annual.

Venus's Looking-glass (CAMPANULA). Finest mixed. $\frac{1}{2}$ foot05

VERONICA. NAT. ORD., *Scrophulariaceæ.*

The following are dwarf, hardy annuals, and very charming; fine for ornamental work, such as baskets, rock-work, &c. They are excellent for small beds or masses.

Veronica Syriaca. Bright blue. $\frac{1}{2}$ foot10
 " " **flore-alba.** White. $\frac{1}{2}$ foot10

VERBENA. NAT. ORD., *Verbenaceæ.*

Well-known and universally popular bedding-plants. May be treated as half-hardy annuals. Seeds should be sown under glass, if possible, early in the spring. Plants grown from seeds are more healthy and vigorous than those grown from cuttings.



NICOTIANA MACROPHYLLA GIGANTEA. See page 35.



DOUBLE ZINNIA. See page 47.

PRICK.

Verbena.	Extra-fine named sorts, mixed . . . . .	.25
"	Snow's. From Dexter Snow's celebrated collection of several hundred varieties, mixed . . . . .	.25
"	new Italian, striped. Novelty; brilliant colors, carnation-like, striped with rose, lilac, purple, on various colored grounds . . . . .	.25
"	hybrida auriculæ flora. Large and well-formed blooms, in various shades, with a distinct eye of white or rose . . . . .	.25
"	coccinea. From most brilliant scarlet flowers . . . . .	.25
"	cærulea. Deep blue . . . . .	.25
"	teucroides (NIVENI). White, sweet-scented . . . . .	.25

VINCA. NAT. ORD., *Apocynaceæ.*

A genus of the most beautiful greenhouse plants; succeeding out of doors in warm, sheltered situations. Seed sown early in spring will bloom the same season.

Vinca rosea.	Rose-color; from East Indies . . . . .	.10
"	alba. White, with crimson eye . . . . .	.10
"	alba nova. A new variety; pure white . . . . .	.25

VIOLA. NAT. ORD., *Violaceæ.*

Viola odorata (SWEET-SCENTED VIOLET) . . . . .	.10
" cornuta, mauve queen . . . . .	.10
" " purple queen . . . . .	.10
" lutea. Bright yellow . . . . .	.25
These three latter violets will be found valuable, either for beds or borders.	
" the Czar. Flowers of the deepest blue, twice as large and much sweeter than the old Russian . . . . .	.25

WHITLAVIA. NAT. ORD., *Hydrophyllaceæ.*

A very handsome, free-flowering plant, suitable for beds and borders; from California. Hardy annual.

Whitlavia grandiflora.	Violet-blue. 1 foot. . . . .	.05
"	gloxinoides. Of the same habit as Grandiflora; gloxinia-like blossoms, tube of the corolla pure white . . . . .	.10
"	grandiflora alba. Pure white in color . . . . .	.10

ZINNIA. NAT. ORD., *Compositæ.*

Among the novelties of recent introduction, the New Double Zinnia has proved a most important acquisition. Its splendid double flowers rival, in beauty, size, and form, moderate-size dahlias.

Zinnia elegans.	Finest mixed. 2 feet . . . . .	.05
"	new, double-flowered. Much improved in size, form, and color. Finest mixed . . . . .	.10
"	" " aurea. Golden-yellow; rich . . . . .	.10
"	" " coccinea. Scarlet . . . . .	.10
"	" " carmine. Beautiful . . . . .	.10
"	" " violacea. Very dark crimson purple . . . . .	.10
"	Mexicana. Yellow, striped with rich orange . . . . .	.10

BIENNIALS AND PERENNIALS.

ACONITUM (MONKSHOOD). NAT. ORD., *Ranunculaceae*.

Hardy, showy perennials; with long spikes of showy flowers. About two feet in height.

	PRICE.
Aconitum Napellus. Fine blue and white . . . . .	.05
“ lycoctonum. Fine purple . . . . .	.10
“ canariense. Yellow . . . . .	.10
“ Mixed . . . . .	.10

ALYSSUM. NAT. ORD., *Cruciferae*.

Alyssum saxatile compactum. Superb golden-yellow, compact, free-flowering perennial. 1 foot25
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ANEMONE. NAT. ORD., *Ranunculaceae*.

All the plants of this genus are beautiful, and deserving of cultivation; they succeed well in any light soil. Hardy perennials.

Anemone coronaria. Mixed from selected flowers. $\frac{1}{2}$ foot . . . . .	.10
“ pulsatilla (PASQUE FLOWER). White . . . . .	.10
“ species nova Pontica. New; one of the most beautiful ornaments of the sub-alpine regions of the Pontic Mountain . . . . .	.25

AQUILEGIA (COLUMBINE). NAT. ORD., *Ranunculaceae*.

This pretty and interesting genus is an extremely showy and ornamental early-summer-flowering herbaceous plant, combining the most curious forms with the most beautiful and striking colors; succeeds in any garden soil. Hardy perennials.

Aquilegia Siberica reddish violet. New; a fine variety, with upright, double flower, of a pretty reddish-purple tinge; plant compact, and a profuse bloomer . . . . .	.15
“ glandulosa. The plant is more dwarfish in its habits than the common Columbine. The flowers are large, and rich sky-blue, the inside and margin of the corolla pure white. 1 ft. . . . .	.10
“ alba pleno. Double, white, fine . . . . .	.10
“ caryophylloides. White, variously striped with reddish crimson; a beautiful double variety. 1 foot . . . . .	.25
“ formosa. Double, crimson and orange. $1\frac{1}{2}$ feet . . . . .	.05
“ “ rosea. Beautiful rose-color, double. 2 feet . . . . .	.25
“ “ rubro. Fine crimson, double. $1\frac{1}{2}$ feet . . . . .	.25
“ Skinnerii. Scarlet and yellow; very beautiful. $1\frac{1}{2}$ feet . . . . .	.10
“ Finest mixed . . . . .	.10
“ Good mixed . . . . .	.05

AURICULA. NAT. ORD., *Primulaceæ.*

A well-known garden favorite of great beauty, succeeding best in a northern aspect. Half-hardy perennials.

- Auricula alpine.** This is the most hardy of the true Auricula tribe, and produces a great variety of colors15
 " **English hybrids.** From the finest named prize varieties, mixed25

BELLIS (DOUBLE DAISY). NAT. ORD., *Compositæ.*

A well-known and favorite plant for the border or pot-culture. Half-hardy perennial.

- Bellis perennis.** Finest German varieties, producing a large proportion of double flowers; mixed. $\frac{1}{2}$ foot25

CAMPANULA. NAT. ORD., *Campanulaceæ.*

A genus of beautiful perennials, all of which are characterized by the richness of their colors and the profusion of their bloom; some of the varieties are remarkable for their stately growth, others for their close, compact habit.

- Campanula grandis.** Deep blue. 3 feet.10
 " **grandiflora.** A fine, free-blooming variety, with long, drooping, purple flowers10
 " **pyramidalis.** Very elegant, with fine blue flowers; may be trained to any form of growth; suitable for the border or pot-culture. 3 ft. .05
 " **alba.** White variety of the above05
 " **trachelium, fl. pl.** A fine border-plant, with violet-blue flowers05
 " **alba.** White variety of the above05
 " **vidalis.** White, showy, half-hardy perennial. $1\frac{1}{2}$ feet. .10

CANTERBURY BELLS (CAMPANULA MEDIUM).

NAT. ORD., *Campanulaceæ.*

When well grown, are amongst the most attractive of border-plants; they succeed in light rich soil, and should be transplanted two feet apart. Hardy biennials; growing about two and a half feet.

- Canterbury Bell, double.** Lilac05
 " " Purple05
 " " White05
 " " Mixed10
 " **single.** Lilac05
 " " Purple05
 " " White05
 " " Mixed05
 " **flora roseum** (pink-flowering). This new and very fine variety differs from the Canterbury Bells; known until now by the fresh, gay, and pure-pink color of its flowers; and we consider this plant as a most valuable introduction. Comes true from seed .25

CARNATION (DIANTHUS). NAT. ORD., *Caryophyllaceæ*.

A class of popular favorites, most of them deliciously fragrant, and with colors extremely rich and beautiful. The seed may be relied upon as being the finest, having been selected from the best collections of prize varieties, producing mostly all double flowers. Hardy perennials.

Carnation Pink.	Good; mixed; for border-culture	. . . . .	.10
"	German. Choice varieties from named flowers mixed	. . . . .	.25
"	French varieties, mixed	. . . . .	.25
"	English varieties, mixed	. . . . .	.25
"	dwarf double early-flowering. A distinct variety, of robust habit, mixed	. . . . .	.25

CATANANCHE. NAT. ORD., *Compositæ*.

Exceedingly showy, free-flowering herbaceous plants; succeeding in any garden-soil. Hardy perennials.

Catananche cœrulea.	Blue, with purple centre. 2 feet	. . . . .	.05
"	bicolor. White, with violet centre. 2 feet	. . . . .	.05
"	lutea. Yellow. 1½ feet	. . . . .	.10

COLLINSIA. NAT. ORD., *Scrophulariaceæ*.

Collinsia verna.	This most elegant plant, on account of the freshness of its half pure-white and half tender-blue flowers, and the earliness of its blooming, deserves to become a general favorite. Seeds should be sown in the autumn25
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DELPHINIUM. NAT. ORD., *Ranunculaceæ*.

Highly-ornamental, profuse-flowering plants. When planted in large beds or groups, their gorgeous spikes of flowers, of almost endless shades, from pearl-white to the richest and deepest blue, render them conspicuous and striking objects in the flower-garden; growing from two to three feet. They delight in a deep, rich, mellow soil, and all are hardy perennials.

Delphinium cardiopetalum.	Deep blue	. . . . .	.10
"	Chinense pumilum. New; flowers very large, of a showy blue, varying from azure to indigo	. . . . .	.10
"	cœlestinum. New; soft, celestial blue; very beautiful spikes	. . . . .	.10
"	elatum (BEE LARKSPUR)	. . . . .	.05
"	formosum. Rich blue and white; very handsome; one of the best	. . . . .	.10
"	grandiflorum. Dark blue; large spikes	. . . . .	.10
"	Hendersonii. Blue and white; very fine	. . . . .	.10
"	hybrid varieties. Finest mixed	. . . . .	.10

DIGITALIS (FOXGLOVE). NAT. ORD., *Scrophulariaceæ*.

Very ornamental and exceedingly showy plants for shrubberies and other half-shady places. Hardy perennials.

Digitalis purpurea.	Purple spotted	. . . . .	.05
"	alba. A pure-white variety	. . . . .	.05
"	gloxinoides. New and beautiful; with Gloxinia-shaped flowers	. . . . .	.10

	PRICE.
Digitalis ferruginea. Reddish brown . . . . .	.05
“ aurea. Golden . . . . .	.05
“ nividens. Red, purple-spotted. . . . .	.10
“ Mixed varieties . . . . .	.10

DICTAMNUS (FRAXINELLA). NAT. ORD., *Rutacea.*

A very fine hardy perennial. The leaves have a very pleasant smell, like lemon-peel, when rubbed. The seeds often remain in the ground several months before vegetating. Better scald the seed before planting.

Dictamnus alba. White. 2 feet . . . . .	.05
“ rubra. Crimson. 2 feet . . . . .	.05

DODECATHEON (AMERICAN COWSLIP). NAT. ORD., *Primulacea.*

A very interesting border-perennial, with flowers of similar shape to the Cyclamen.

Dodecatheon media. Red and white, mixed. 1 foot25
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EUPATORIUM. NAT. ORD., *Composita.*

A pretty class of herbaceous plants, with bunches of showy flowers. Hardy perennials.

Eupatorium argeratoides. White; fine for border . . . . .	.10
“ corymbosum. Blue. 1 foot . . . . .	.10
“ aromatica. White; large heads. 2 feet . . . . .	.10
“ superbum. White; new species; fine. 2 feet . . . . .	.10
“ Mixed . . . . .	.10

FRENCH HONEYSUCKLE. NAT. ORD., *Leguminosa.*

French Honeysuckle (HEDYSARUM). A fine border-plant, growing about three feet. Hardy perennial.

“ “ White . . . . .	.05
“ “ Red . . . . .	.05
“ “ Mixed . . . . .	.05

GEUM. NAT. ORD., *Rosacea.*

Handsome, free flowering, and showy plants, for mixed borders or shrubberies. Hardy perennials, growing from one to two feet.

Geum coccineum superbum. Fine variety; good border plant. . . . .	.10
“ atrococcineum. Dark scarlet . . . . .	.10
“ atrosanguineum. A handsome dark variety . . . . .	.10
“ grandiflorum. large flowered . . . . .	.10
“ splendens. Splendid . . . . .	.10
“ Finest mixed . . . . .	.10

GENTIANA. NAT. ORD., *Gentianacea.*

Very useful herbaceous plants. If sown in deep, rich loam, makes a splendid edging in early summer. All the kinds make interesting rock-plants. Hardy perennials.

Gentiana acaulis. Fine blue; beautiful edging plant. $\frac{1}{4}$ foot . . . . .	.10
“ asclepiadea (SWALLOWWORT). Blue; desirable for borders. 1 foot . . . . .	.10

	PRICE.
Gentiana cruciata. Deep blue; in clusters; neat dwarf species. $\frac{3}{4}$ ft. . . . .	.10
“ lutea. Yellow; tall, robust species. 4 feet . . . . .	.10
“ macrophylla. Large leaved; deep blue. 1 foot . . . . .	.10
“ Finest mixed varieties . . . . .	.10

GLADIOLUS. NAT. ORD., *Iridaceae.*

Gladiolus gandavensis. Mixed. The seeds of this beautiful summer-flowering bulb may be relied upon as being of superior quality25

GYPSOPHILA. NAT. ORD., *Caryophyllaceae.*

A pretty, free-flowering, elegant plant, adapted for rock-work and edgings; succeeding in any garden soil. Hardy perennials.

Gypsophila paniculata. White; in large panicles . . . . .	.10
“ Steveni. White; in corymbs; fine for bouquets. Seed should be sown in the fall. 2 feet . . . . .	.10

HIBISCUS. NAT. ORD., *Malvaceae.*

Hibiscus tricolor. Fine shrubby species, from Japan, particularly valuable for large parks and gardens25

HOLLYHOCK. NAT. ORD., *Malvaceae.*

This splendid plant may justly demand a place in every large garden or pleasure-ground. If sown early, in heat, the plants may be had in bloom the first year. Hardy perennials.

Hollyhocks. The choicest double mixed, from English, French, and German varieties . . . . .	.25
“ Variety of colors separate, each . . . . .	.10
(See Collections, page 76.)	

HONESTY (SATIN-FLOWER). NAT. ORD., *Cruciferae.*

Honesty (LUNARIA BIENNIS). Singularly interesting, from the silvery-like tissue of the seed-vessels in their dry, matured state. Well adapted, in a cut state, for grouping with everlasting flowers. 2 feet.05

HUMEA. NAT. ORD., *Compositae.*

A remarkably handsome plant for decorative purposes, whether in the hall, conservatory, pleasure-grounds, or planted in the centres of beds or borders; its majestic and graceful appearance renders it effective and striking in any position. It stands unrivalled as a garden ornament. The leaves are remarkably fragrant when slightly rubbed. Succeeds best in light rich soil. Half-hardy biennial.

Humea elegans. Red. 8 feet.25

IBERIS. NAT. ORD., *Cruciferae.*

Profuse-blooming, pretty plants, especially adapted for rockeries; they flower amongst the earliest spring plants, and for a long time continue a dense mass of beauty. Succeed in any garden soil. Hardy perennials. $\frac{1}{2}$ foot.

Iberis semperflorens. White . . . . .	.05
“ sempervirens. Pure white . . . . .	.05
“ candidissima. Pure white . . . . .	.05
“ umbellata carnea. New; flesh color . . . . .	.10

IPOMOPSIS. NAT. ORD., *Polemoniaceae*.

Handsome, free-flowering plants, with long spikes of dazzling orange and scarlet flowers; very effective for conservatory and out-door decoration; succeeds in light rich soil. Half-hardy biennial.

Ipomopsis aurantiaca.	Orange. 3 feet	.10
" Beyrichi.	Scarlet and orange	.10
" picta superba.	Scarlet	.10
" cupreata.	Copper color	.10
" jaune canarie.	Canary yellow	.10
"	Fine mixed	.10

LAVENDULA (LAVENDER). NAT. ORD., *Labiatae*.

A genus of plants cultivated on account of the delicious fragrance of their flowers. They succeed in any garden soil. Hardy perennial.

Lavendula spica.	Lilac. 2 feet	.05
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LINUM. NAT. ORD., *Linaceae*.

A genus of the most beautiful, free-flowering plants. Hardy perennials.

Linum perenne album.	White-flowered. 1½ feet	.05
" luteum.	Yellow. 1½ feet	.10
" Lewisii variegatum.	Striped lilac and white. 2 feet	.10
"	Mixed	.10

LUPINUS (LUPINE). NAT. ORD., *Leguminosae*.

A well-known genus; very conspicuous and showy; growing about two feet. Hardy perennials.

Lupinus magnificus.	Violet and white.	.10
"	" polyphyllus. Blue.	.05
"	" alba. White	.05
"	" Mixed	.05

LYCHNIS. NAT. ORD., *Caryophyllaceae*.

Handsome ornamental plants, of easy culture. *Lychnis chalconica* is strikingly effective in mixed borders. *Lychnis viscaria splendens* and *Lychnis Haageana* are extremely beautiful. They succeed in any good rich soil. Hardy perennials; growing from one to two feet.

Lychnis chalconica.	Scarlet	.05
"	" alba. White	.05
"	" mutabilis. Rose white	.05
"	flos Jovis (Jove's Flower). Bright red	.05
"	Haageana hybrida. Flowers large, and of a very sportive character, their color varying from the brightest scarlet to blood-red, purple, orange, white, or flesh color	.10
"	Haageana. Beautiful bright scarlet; very fine	.10
"	Sieboldi. White; fine	.10
"	Presslii multiflora. New	.10
"	viscaria splendens. Rose pink	.10
"	Fine mixed	.10

ŒNOTHERA. NAT. ORD., *Onagraceæ.*

The most useful and beautiful, either for beds, borders, edgings, or rock-work. All the varieties are free-flowering. Those enumerated are the most remarkable of the perennial kinds, with superb spikes of large flowers.

Œnothera acaulis.	A large-flowered variety, with silvery-white blossoms	.10
“ cinnabarina.	Rich orange; yellow throat, stained with rich salmon. Half-hardy perennial	.10
“ grandiflora Lamarckiana.	Bright yellow; the most effective and strikingly beautiful of this splendid genus; flowers, three to four inches in diameter, and produced in the greatest profusion; an exceedingly ornamental plant for mixed borders. 3 feet	.10
“ macrocarpa.	Rich yellow	.10
“ Missouriensis.	Large yellow flowers; trailing; fine species	.10
“ taraxacifolia.	Pure white. 1 foot	.10
“ “ lutea.	Yellow; hardy perennial. 1 foot	.05
“	Mixed varieties	.10

PAPAVER (PERENNIAL POPPY). NAT. ORD., *Papaveraceæ.*

Ornamental and strikingly effective, with brilliant-colored flowers of an immense size, which, in plantation and shrubby borders, are unusually effective. *Papaver nudicaule* is a dwarf-growing variety, and is, especially adapted for rock-work. Hardy perennial.

Papaver bracteatum.	Bright orange crimson; large and handsome. 2 feet	.05
“ involveratum maximum.	Brilliant orange scarlet. 3 feet	.10
“ nudicaule.	Bright yellow. 1 foot	.10
“ orientale.	Deep scarlet, with large black blotches. 2½ feet	.05

PEAS, PERENNIAL (*see Lathyrus*).**PENTSTEMON.** NAT. ORD., *Scrophulariaceæ.*

Well-known and highly ornamental hardy herbaceous plants, with long, graceful spikes of fine-shaped and richly-colored flowers. One of the most effective and free-flowering border and bedding plants; succeeds in any light soil.

Pentstemon gentianoides.	Purple and white. 2 feet	.10
“ coccineus.	Scarlet and white	.10
“ Murrayanum.	Light scarlet; in long spikes; fine foliage	.10
“ digitalis.	White, striped with red. 2 feet	.10
“ Hartwegii coccinea.	Scarlet; hardy perennial. 3 feet	.10
“ pubescens.	Light purple; hardy perennial. 1½ feet	.10
“ Wrightii.	With spikes of flame-colored flowers. 2 feet	.10
“	Mixed	.10

PICOTEE PINK. NAT. ORD., *Caryophyllaceæ.*

Favorite and well-known plants of great beauty, combining with the most perfect form the richest and most beautiful colors. They have a delicate perfume, are easily cultivated, and bloom profusely, growing freely in any light, rich soil. Half-hardy perennials.

		PRICE.
Picotée Pink.	Saved from choice varieties. 1½ feet . . . . .	.50
" "	Yellow ground . . . . .	.50
" "	White " . . . . .	.50
" "	perpetual, or tree. Saved from choice varieties. 1½ feet . . . . .	.50
" "	English, French, and German; mixed; double . . . . .	.25
" "	Good mixed, fine border varieties . . . . .	.10

PINK (DIANTHUS MOSCHATUS FL. PL.) NAT. ORD., *Caryophyllacea*.

A well-known and highly-valued plant, remarkable for its beauty and delightful fragrance; growing freely and flowering profusely; succeeding best in a rich, loamy soil. Hardy perennials.

Pink, florists', or Paisley.	From the finest named varieties . . . . .	.25
" Brown's mule.	A very free-flowering variety. 1 foot . . . . .	.25
" pheasant-eye.	A well-known garden variety; fine for edging . . . . .	.10

POTENTILLA, NAT. ORD., *Rosacea*.

A splendid tribe of profuse-flowering, beautiful, herbaceous plants, producing a fine effect in mixed-flower borders, and the dwarf varieties in rock-work; succeed in any good rich soil. Hardy perennials.

Potentilla hybrida flore pleno.	A good proportion of double or semi-double flowering plants will be found among the seedlings raised from these seeds . . . . .	.25
"	Best single varieties, mixed . . . . .	.10

POLYANTHUS, NAT. ORD., *Primulacea*.

This profuse-flowering hardy plant is too well known to need description. The seeds which we offer will produce the richest and most varied color. Hardy perennial.

Polyanthus (PRIMULA ELATIOR).	Good mixed . . . . .	.10
"	Extra mixed, saved from named flowers . . . . .	.25

PYRETHRUM, NAT. ORD., *Composita*.

Handsome, free-flowering, highly-ornamental plants, producing a fine effect in the mixed-flower borders; succeed in any rich soil. Hardy perennials.

Pyrethrum roseum.	Very fine; double varieties mixed; well worthy of cultivation; flowers variable from seed . . . . .	.25
" Willmottii.	For insect-powder . . . . .	.10

SEDUM (STONE-CROP). NAT. ORD., *Crassulacea*.

A useful and interesting genus of plants, growing freely on rock or rustic work, ornamental mounds, old walls, &c., where, during summer, they expand their brilliant star-shaped flowers in the greatest profusion. Hardy perennial.

Sedum cæruleum.	Blue. ¼ foot . . . . .	.10
" Kamtschatkense.	Orange. ½ foot . . . . .	.10
" spurium coccineum.	Fine deep-rose flowers; valuable for borders; succeeds in shade or hottest sun . . . . .	.25

ROSE CAMPION, NAT. ORD., *Caryophyllacea*.

The Rose Campions are perfectly hardy, and very easily raised from seed. The flowers are produced on long stems, blooming freely throughout the season. Hardy perennial.

	PRICE.
Rose Campion (LYCHNIS CORONARIA). Crimson . . . . .	.05
“ “ alba . White . . . . .	.05
“ “ Mixed . . . . .	.05

ROCKET (HESPERIS), NAT. ORD., *Crucifera*.

Fine early spring-flowering plants; very fragrant; excellent for bouquets; grow freely.

Rocket, sweet purple . 1½ feet . . . . .	.10
“ “ white . 1½ feet . . . . .	.10

STOCKS BROMPTON (MATHIOLA INCANA).

NAT. ORD., *Crucifera*.

The Brompton and Giant Cape are generally called Winter Stocks, on account of their not flowering the first year. The former is robust and branching. The latter possesses the characteristics so much esteemed by some; viz., immense pyramidal spikes of bloom.

Brompton, or Winter Stocks . Crimson . . . . .	.10
“ “ Rose-color . . . . .	.10
“ “ Dark blue . . . . .	.10
“ “ Pure white . . . . .	.10
“ “ Finest mixed . . . . .	.10

SWEET WILLIAMS. NAT. ORD., *Caryophyllacea*.

A well-known tribe of plants, perfectly hardy, and easily raised from seed; it sports into endless varieties; viz., pink, purple, crimson, scarlet, white, — variously edged, eyed, and spotted. Our seeds were saved from the finest named varieties, which we can confidently recommend. Hardy perennials.

Sweet Williams, auricula-flowered . The flowers have a large, white disc, with a broad middle zone of rich crimson, purple, and violet; trusses large and perfect . . . . .	.10
“ “ Hunt's perfection . Saved from Bragg's finest strain in cultivation; truly gorgeous in size, color, and variety . . . . .	.10
“ “ double-flowering . Finest mixed; from a splendid collection of double flowers . . . . .	.10
“ “ Fine mixed . . . . .	.10

WALLFLOWER. NAT. ORD., *Crucifera*.

A useful and ornamental class of plants; very fragrant. Half-hardy perennial.

Wallflower, Brown's early . This variety deserves to be preferred to the old variety, its spikes of flowers being longer and thicker, the flowers larger, more numerous, and blooming more regularly . . . . .	.25
“ Fine single varieties, mixed . . . . .	.05
“ Double varieties, mixed . . . . .	.10

ZAUSCHNERIA. NAT. ORD., *Onagrarica*.

Zauschneria Californica. Beautiful long spikes of orange-scarlet, tubular flowers; hardy perennial. 1 foot

.25

ORNAMENTAL CLIMBERS.

The Climbers are a very important class of plants, and in the hands of skilful cultivators are made to assume any desired form. The strong-growing varieties are very decorative to screens, arbors, and trellis-work, giving both beauty and shade. Those of more delicate growth are valuable for pots, baskets, and other ornamental designs.

ARTEMESIA. NAT. ORD., *Compositæ.*

Artemesia annua. An annual of very quick growth, with pretty, long, fern-like leaves, and beautiful, drooping branches; it has the aspect of a Tamarix. The plant possesses an aromatic smell. Recommended 10

ABROBA. NAT. ORD., *Cucurbitaceæ.*

Abroba viridiflora. Extremely pretty, tuberous, perennial, climbing Cucurbitaceæ, with handsomely-cut, glossy, dark-green foliage; small, oval, scarlet fruits; suitable for planting out during the summer, forming beautiful garlands 25

BALLOON VINE. (CARDIOSPERMUM). NAT. ORD., *Sapindaceæ.*

A genus of rapid-growing, handsome climbers, remarkable for an inflated, membranous capsule; ornamental alike for greenhouse or out-door decoration; when planted out, they succeed best in a light soil and warm situation. Half-hardy, annuals.

Cardiospermum halicacabum. White. 4 feet 10

CLEMATIS. NAT. ORD., *Ranunculaceæ.*

Rapid-growing, ornamental, hardy, herbaceous climbers. Free bloomers, and mostly fragrant.

Clematis atragene cœrulea. Light blue 10
 " " **cirrhosa.** A hardy, free-growing, very profuse bloomer. White 10
 " " **rosea.** Beautiful rose 10
 " **viticella.** Purple 10
 " **flamula.** White; very fragrant 10
 " **Virginica** (TRAVELLERS' JOY). White 10

CLITORIA. NAT. ORD., *Leguminosæ.*

Free-flowering, greenhouse climbers, with large, elegant, pea-shaped flowers; particularly adapted and very effective for training on trellis-work. Plants of this character may be grown for greenhouse or conservatory decoration; though perennials, they flower the first year.

		PRICE.
Clitoria cœlestis.	Sky-blue . . . . .	.10
" gesnatia.	Pale blue, shaded with white . . . . .	.25
" "	atro-cœrulea. New; dark blue . . . . .	.25
" lilacea superba.	Lilac . . . . .	.25
" Ternatea.	Blue and white . . . . .	.25
" "	alba grandiflora. Pure white . . . . .	.25
" "	lilacea fl. pl. Double lilac; very fine . . . . .	.25

COBÆA. NAT. ORD., *Polemoniaceæ.*

Cobæa scandens. A rapid-growing, climbing plant, with large, purple, bell-shaped flowers; seeds should be sown early, to secure well-established plants by the time the season arrives for planting out. Tender perennial. 20 feet10

CONVOLVULUS. NAT. ORD., *Convolvulaceæ.*

The *Convolvulus major*, or Morning Glory, is a beautiful and useful annual climber, making a rapid growth. The flowers are well known, and are exceedingly delicate as well as large and showy. The seeds may be sown in the open ground, early in the spring.

The finest varieties mixed05

CUCUMIS. (ORNAMENTAL CUCUMBER). NAT. ORD., *Cucurbitaceæ.*

A most interesting tribe of plants, remarkable for luxuriance and rapidity of growth; truly marvellous. Treat the same as the Cucumber; and train against a wall or trellis, or in any way that may be desired.

Cucumis aradac.	Yellow; fruit small, growing in pairs . . . . .	.10
" dipsaceus.	Sulphur-yellow; teasel-like; elegant . . . . .	.10
" erinaceus.	Beautiful . . . . .	.10
" flexuosus.	Snake cucumber. 3 feet long . . . . .	.10
" medulliferous.	Scarlet; thorny . . . . .	.10
" melochito.	Variegated; brown and yellow; small, oval fruit; very pretty . . . . .	.10
" perennis.	Foliage, highly ornamental . . . . .	.10

CUCURBITA (ORNAMENTAL GOURDS). NAT. ORD., *Cucurbitaceæ.*

Specially interesting.

The species enumerated under this heading are remarkable for their extremely ornamental and picturesque character, for their miniature fruit and foliage. They are exceedingly suitable for training up conservatory pillars, covering the back walls of greenhouses, &c., or as select objects in warm situations,—trained on walls, over ruins, in flower-boxes, or in tubs, or to cover balconies, and festoons for windows or porches.

Cucurbita digitata.	Handsome, rapid grower, with pretty, cut foliage, marbled with white; the fruits are a beautiful dark green, striped with white . . . . .	.25
" argyraspermum.	New; very interesting; seed, large; bordered with a silvery margin . . . . .	.25
" leucantha longissima.	Very curious; from 4 to 6 ft. long . . . . .	.10
" melopepo variegata.	Small; green and yellow; variegated . . . . .	.10
" " maxima.	Green and yellow; large . . . . .	.10

	PRICE.
Cucurbita melopepo. Powder-flask shaped . . . . .	.10
“ “ siphon. Flat . . . . .	.10
“ lagenaria angolensis. New; fruit orange-shaped, dark-green, white-spotted . . . . .	.25
“ melothera pendula. New; a very pretty climber, with small, scarlet fruit . . . . .	.10
“ mukia scabrella. New; pretty climber, with lobated, heart-shaped, small leaves, and scarlet berries . . . . .	.10
“ rhynchocarpa dissecta. A pretty climber, with handsome, lobated leaves; small, bright-red fruit . . . . .	.25
“ “ Welivitschi. Quite new and striking, by its dense, lobated leaves, and blood-red fruit . . . . .	.25
“ scotanthus tubiflorus. Beautiful, fast-growing, annual climber, with fine foliage . . . . .	.25
“ Thadiantha dubia. This new variety of the cucurbita family produces large clusters of fine yellow flowers, and bears abundant large fruits, the size and shape of an egg; of a deep-scarlet shade . . . . .	.10
“ cyclanthera explodens. An elegant climber, as hardy and as fast a grower as the <i>Cyclanthera pedata</i> , with handsome foliage, and pretty, oval-shaped fruits, exploding with a loud noise when ripe . . . . .	.10
“ pedata. Graceful climbing-plants, with pendant branches of elegant balloon-like seed-pods; a novel plant, of easy culture. 15 ft. . . . .	.10

CYPRESS VINE (IPOMEA QUAMOCLIT). NAT. ORD., *Convolvulaceæ*.

Cypress Vine, scarlet. A tender, climbing annual, with graceful foliage and scarlet flowers; seed should not be planted in open ground before the first of June. 15 feet . . . . .	.05
“ white. Variety of the preceding . . . . .	.05
“ rosea. Rose-color . . . . .	.05

DOLICHOS (HYACINTH BEAN). NAT. ORD., *Leguminosæ*.

Beautiful climbing-plants; flowers in clusters; treatment, much the same as the common bean. Tender annuals.

Dolichos lablab. Purple . . . . .	.05
“ alba. White . . . . .	.05
“ “ Mixed. The above varieties mixed . . . . .	.05
“ giganteus. A hardy, ornamental climber . . . . .	.10

ECCREMOCARPUS (CALAMPELIS). NAT. ORD., *Bigoniaceæ*.

A rapid-growing plant, with compact and pretty foliage; numerous clusters of handsome, tube-shaped flowers; valuable for covering stumps of old trees, unsightly walls, &c. Tender annual.

Eccremocarpus scaber. Orange. 10 feet10
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GOURD, ORNAMENTAL. NAT. ORD., *Cucurbitaceæ*.

All of this class are highly interesting, combining, as they do, foliage the most ornamental, with fruit of the most singular description, both as regards shape and markings. Whether on the trellis-work, against walls, or festooned from roofs, they never fail to excite admiration. Tender annuals.

	PRICE.
Gourd, angoria. Beautiful creeper; showy fruit	.10
“ bottle. Well known and very useful	.05
“ apple-striped. Very ornamental	.10
“ egg-shaped. Closely resembling an egg	.10
“ gooseberry. Small fruit; very pretty	.10
“ Hercules's club. Club-shaped; curious	.10
“ new miniature. Orange and green striped; very ornamental; one of the best	.10
“ long-fruited (CUCURBITA LEUCANTHA). Very singular	.10
“ orange. Very ornamental; fruit resembling an orange	.05
“ pear-shaped	.05
“ trichosanthes colubrina. True serpent-gourd; very hand- some	.10

IPOMEA (CONVOLVULUS). NAT. ORD., *Convolvulaceæ*.

A genus of beautiful climbing plants, for the conservatory and greenhouse, or warm, sheltered situations out of doors; are pre-eminently beautiful, many of them combining marvellously brilliant colors with pure white margins, and varying in shade from the most intense violet-blue to the most delicate cerulean. All the varieties are splendid, and should be extensively cultivated. Tender annuals.

Ipomea hederacea alba, grandiflora, intus rosea. New; handsome white flowers, with dark-rose throat	.50
“ “ alba grandiflora, intus rosea, semi-plena. New; of the form and color of the foregoing; a few petals, tongue-shaped, which appear from the corolla to transform the flower into a semi-double	.50
“ “ atrocarminea, grandiflora, alba marginata. New; handsome variety; with brilliant-carmine flowers, edged with pure white	.50
“ “ atrocarminea, grandiflora, azurea marginata. New; with brilliant-carmine flowers, edged with clear azure-blue	.50
“ “ atrolilacea grandiflora, azurea marginata. New; with dark-lilac flowers, edged with bright azure-blue	.50

NEW IPOMEAS.—WITH VARIEGATED FOLIAGE.

We attach much importance to this new section. They are found to come true from the seed: for this reason, as well as for the curious combination and richness of color of their flowers, we have no hesitation in placing them in the first rank of novelties.

Ipomea grandiflora, alba, picta, carminea. New; heart-shaped leaves, largely marbled with silver-gray; flowers white, dotted with brilliant carmine	.50
“ grandiflora alba picta lilacina. New; with golden-marbled leaves; white flowers, spotted with clear lilac	.50
“ hederacea grandiflora atrocarminea intus alba. New; trilobed leaves, largely-marbled silver-gray; flowers, dark carmine, with large white throat	.50

	PRICE.
Ipomea hederacea lilacina. Lilac, with broad white margin . . .	.15
“ “ atroviolacea. Dark violet, with broad white margin . . .	.15
“ “ rubro cœrulea. Immense blooms; bright celestial blue . . .	.25
“ “ grandiflora superba. Splendid large flowers; sky-blue, with a broad border of snowy white . . .	.25
“ purpurea quinata. New; white, marbled with purple . . .	.25
“ Madam Anne. New; white flowers, marked with fine large dark-purple spots near the edge of the corolla . . .	.25
“ limbata elegantissima. A beautiful variety, with large, Convolvulus-like blossoms, of a rich mazarine-blue, with a conspicuous white margin or belt . . .	.25
“ coccinea (STAR IPOMEA). Fine scarlet; beautiful . . .	.10
“ Burridgii. Large bright-crimson flowers . . .	.10
“ bona nox (GOOD-NIGHT). Delicate satin-rose; handsome . . .	.10
“ Dicksonii. Large blue flowers . . .	.10
“ quamoclit (CYPRESS VINE). Tender climbers; flowers small, but elegant; foliage, beautiful . . .	.10
“ “ coccinea. Scarlet . . .	.05
“ “ alba. White . . .	.05
“ “ rosea. Rose . . .	.10

KENNEDYA. NAT. ORD., *Leguminosæ.*

Handsome ornamental plants, occupying a prominent position amongst the many beautiful climbers which adorn conservatories and greenhouses. Soak the seeds in hot water previous to sowing. Greenhouse twiners.

Kennedy longiracema. Pink and scarlet. 3 feet . . .	.25
“ Marryattea. Scarlet. 4 feet . . .	.25
“ ovata. Purple. 6 feet . . .	.25
“ alba. White. 6 feet . . .	.25
“ Fine mixed . . .	.25

LATHYRUS (EVERLASTING PEA). NAT. ORD., *Leguminosæ.*

Showy, free-flowering plants, growing in any common soil; very ornamental on trellis-work, or for covering fences, walls, &c. Hardy perennials.

Lathyrus latifolius. Crimson scarlet. 5 feet . . .	.10
“ “ albus. White. 5 feet . . .	.10
“ Mauritanicus. A new and pretty perennial and climbing species, with crimson flowers . . .	.10

LOASA. NAT. ORD., *Loasacæ.*

These are beautiful, tender, climbing annuals, suitable for covering a trellis or ornamental wire-work.

Loasa aurantica. Orange color. 6 feet . . .	.10
“ Herbertii. Scarlet. 6 feet . . .	.10
“ tricolor. Shaded, yellow. 6 feet . . .	.10

LOPHOSPERMUM. NAT. ORD., *Scrophulariaceae.*

A beautiful and ornamental climber, with handsome, showy, foxglove-like flowers; very effective for conservatory or garden decoration; a very rapid-growing plant; succeeds well in any light rich soil. Half-hardy perennials.

Lophospermum scandens.	Rosy purple; fine trellis-plant	. . . . .	.10
“	spectabile punctatum. Rose, spotted with white.	. . . . .	.10
“	Hendersonii. Rose . . . . .	. . . . .	.10

MANDEVILLEA. NAT. ORD., *Apocynaceae.*

Well-known, highly-fragrant plants, with pure-white, large, open, trumpet-shaped flowers, produced in great profusion; very attractive, either in the greenhouse or garden.

Mandevillea suaveolens.	White, with carmine throat.	10 feet25
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MAURANDYA. NAT. ORD., *Scrophulariaceae.*

The most graceful and free-flowering of soft-wooded climbers, whether for the conservatory and greenhouse, or pillars, trellis-work, and verandas in the flower-garden. The effect produced by the profusion of elegant and varied-colored flowers is beautiful. Blooms the first season from seed. Half-hardy perennial.

Maurandya Barclayana alba.	White . . . . .	.10
“	“ purpurea grandiflora. Dark blue . . . . .	.10
“	“ coccinea. Scarlet; very bright. . . . .	.10
“	“ rosea. Bright rose . . . . .	.10
“	“ Finest mixed. . . . . .	.10

MOMORDICA. NAT. ORD., *Cucurbitaceae.*

Trailing plants, with curious and ornamental foliage: the fruit is of a golden-yellow color, warted; and, when ripe, opens, disclosing its seeds and brilliant carmine interior. Planted on rock-work or stumps of trees, and allowed to ramble, they produce a very striking effect. Half-hardy annuals.

Momordica balsamina (BALSAM APPLE)	. . . . .	.05
“ charantia (BALSAM PEAR)	. . . . .	.05

NASTURTIIUM. NAT. ORD., *Tropaeolaceae.*

Useful hardy annuals, growing about six feet.

Nasturtium.	Yellow . . . . .	.05
“	Crimson . . . . .	.05
“	shillingii. Spotted . . . . .	.05
“	Varieties mixed . . . . .	.05

(For Finer Varieties, see Tropæolum.)

PASSION-FLOWER. NAT. ORD., *Passifloraceae.*

A splendid class of climbers, with curious flowers, produced in great profusion; fine for conservatory or the garden; flowering freely during the autumn months.

Passiflora cœrulea.	Light blue; fine . . . . .	.10
“	gracilis. White; pretty. . . . .	.10
“	princeps. Splendid racemes of vermilion flowers; very fine . . . . .	.25
“	Decaisneana. Brilliant carmine; flowers and foliage handsome; for the greenhouse . . . . .	.25

PEAS. NAT. ORD., *Leguminosæ.*

Well-known, free-flowering, ornamental plants, flourishing in any open situation. Sown on rich soil, and mulched during dry, hot weather, they attain a considerable height. They are valuable as screens for protecting tender plants, or for trailing on trellis work, covering rough wooden fences, &c. Hardy annuals, growing about six feet.

Peas, sweet.	Varieties mixed. (Per ounce, 25)	.05
" "	Black	.05
" "	Rose striped	.05
" "	painted lady	.05
" "	Purple	.05
" "	Purple striped	.05
" "	Scarlet	.05
" "	White	.05
" "	invincible. New; intense crimson-scarlet: the most beautiful	.10
" "	black invincible. Very large flower, and striking color	.10
" "	blue hybrid. A new and distinct color	.10

PHASEOLUS (SCARLET-RUNNER BEANS). NAT. ORD., *Leguminosæ.*

A popular climbing annual, with spikes of showy scarlet flowers, and a variety with white flowers. They are extensively grown to cover arbors, walls, or to form screens, for which purpose they are admirably adapted on account of their vigorous and rapid growth. When mixed with Morning Glories, they are very effective. Hardy annuals.

Phaseolus coccinea.	Brilliant scarlet	.10
"	painted lady. Scarlet and white	.10
"	alba. White	.10

MEDIOLA. NAT. ORD., *Melanthaceæ.*

Mediola asperagoides (SMILAX). A beautiful winter climbing-plant, adapted alike to the greenhouse and conservatory. Nothing can excel this plant in beauty of foliage and orange fragrance of the flowers. It is extensively used for bouquets, and floral decorations of every description10

SCYPANTHUS. NAT. ORD., *Loasaceæ.*

Scypanthus elegans. A very pretty climber; flowers, yellow; curious .25

TROPÆOLUM. NAT. ORD., *Tropæolacææ.*

Tropæolum majus is a fine climber, comprising several varieties, differing in the color of both flower and foliage. Some of the leaves are a bright, lively green; others, very dark. The flowers are of all shades of yellow, scarlet, striped and spotted. Seeds may be planted in the open ground, or transplanted. *T. lobbianum* is very desirable for the greenhouse, and will also answer well for a summer climber when started in the house. *T. peregrinum* is the Canary Flower, with bright-yellow, curious flowers, in long racemes.

Tropæolum majus		.10
" "	coccineum. Scarlet	.10
" "	Dunett's orange. Dark orange	.10

		PRICE.
Trepæolum majus peregrinum	(CANARY-BIRD FLOWER). Yellow, delicate foliage	.10
"	" Scheuerianum . Straw-color, striped with brown	.10
"	" coccineum . Scarlet striped	.10
"	" Schulzii . Brilliant scarlet; dark foliage	.20
"	" Mixed; (seed-pods, when green, used for pickles)	.05
"	lobbianum, Caroline Smith . Spotted	.20
"	" Lilli Schmidt . Orange-scarlet	.20
"	" Napoleon III . Yellow; striped with vermilion	.25
"	" Giant of Battles . Brilliant carmine	.25
"	" Dr. Livingston . New; very dark crimson	.25
"	" Lucifer . New; very brilliant crimson-scarlet	.25
"	" majus albescens . New; nearly white	.25
"	" Roi des Noirs . Dark; nearly black	.25
"	" glory . Carmine	.25
"	" Zanderii . Brilliant scarlet; rapid-growing variety	.10
"	" Choice mixed varieties	.25
"	" Fine mixed	.10

THUNBERGIA. NAT. ORD., *Acanthaceæ*.

A genus of slender and rapid-growing climbers, with extremely pretty and much-admired flowers, which are freely produced, either in the greenhouse or in a warm situation out of doors; they delight in rich, loamy soil. Half-hardy annuals; growing about four feet.

Thunbergia alata	Buff; dark eye	.05
"	" alba . White; dark eye	.05
"	" aurantica . Bright orange; dark eye; beautiful	.05
"	" Bakerii . Pure white; fine	.10
"	" sulphurea . Pale yellow	.05
"	" Finest mixed	.05

EVERLASTING FLOWERS.

No class of plants has claimed more attention than the Everlasting Flowers. They will retain their form and color for years, and their beauty can be enjoyed at all seasons. They are excellent for bouquets, wreaths, or any other desirable winter ornament. The flowers should be picked as soon as they expand, and hung up in small bunches to dry.

ACROCLINIUM. NAT. ORD., *Compositæ*.

An elegant annual, producing beautiful everlasting-flowers, resembling the *Rhōdanthe Manglésii*, but much larger; should be grown in every collection; fine for winter bouquets. They are of the easiest culture. Hardy annuals; growing about one foot.

Helipterum Sanfordi	. . . . .	.10
“ corymbiflorum.	A handsome everlasting-flower, with silvery leaves, and white, star-like blossoms in corymbs. Hardy annual . . . . .	.50

RHODANTHE. NAT. ORD., *Compositæ.*

Charming everlasting-flowers, equally effective in embellishing the conservatory and flower-garden. It is a suitable plant for bedding. Its elegant style of growth, bright-colored flowers, and profuse blooming, render it an object of admiration. The flowers, gathered when young, are valuable for winter bouquets. Succeeds best in a light rich soil, and a warm, sheltered situation. Half-hardy annuals.

Rhodanthe Manglesii.	Bright rose, with silvery calyx. 1 foot . . . . .	.10
“ maculata.	Bright rosy purple, yellow disc, encircled with crimson. 1½ feet . . . . .	.10
“ maculata atrosanguinea.	Dark purplish crimson; splendid. 1½ feet . . . . .	.15
“ “ alba.	Pure silvery white; most beautiful. 1½ ft. . . . .	.15

WAITZIA. NAT. ORD., *Compositæ.*

An interesting class of Everlastings, bearing their flowers in clusters; very delicate and pretty. The flowers should be picked early, or the centre becomes discolored. The seed should be sown under glass. Half-hardy annuals.

Waitzia acuminata.	Flowers varying from purple to citron; very beautiful . . . . .	.25
“ aurea.	Brilliant yellow; most beautiful . . . . .	.25
“ corymbosa.	Deep amaranth-red; inside of flower, lighter; very beautiful. 1 foot . . . . .	.25
“ grandiflora.	Flowers large, golden yellow, very abundant and magnificent. 1 foot . . . . .	.25

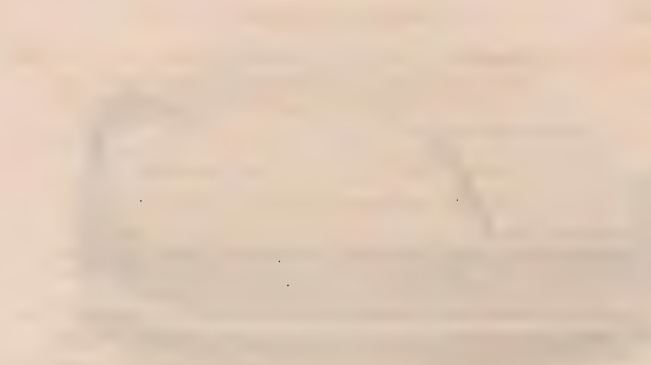
XERANTHEMUM. NAT. ORD., *Compositæ.*

Free-blooming, everlasting annuals, of neat, compact habit. Leaves, whitish or silvery. Flowers abundant, on strong stems; very fine for winter bouquets. Seeds germinate freely. Hardy annual.

Xeranthemum album.	White. 2 feet . . . . .	.10
“ “ plenissimum.	Double white. 2 feet . . . . .	.10
“ “ compactum.	Double dwarf; white. ½ ft. . . . .	.10
“ purpureum plenissimum.	Purple. 2 feet . . . . .	.10
“ “ compactum.	Double dwarf; purple. 1½ feet . . . . .	.10
“ Fine mixed	. . . . .	.10

COLLECTIONS of Everlasting Flowers.

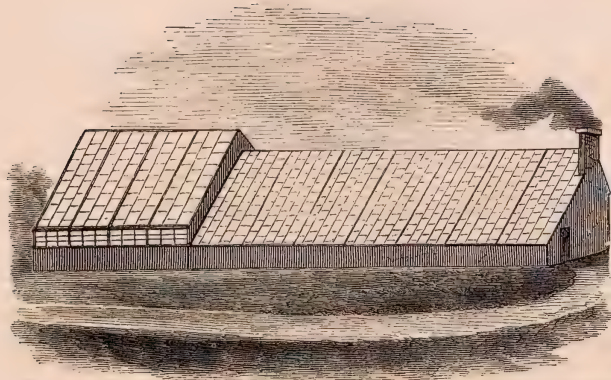
Twelve splendid varieties, as imported75
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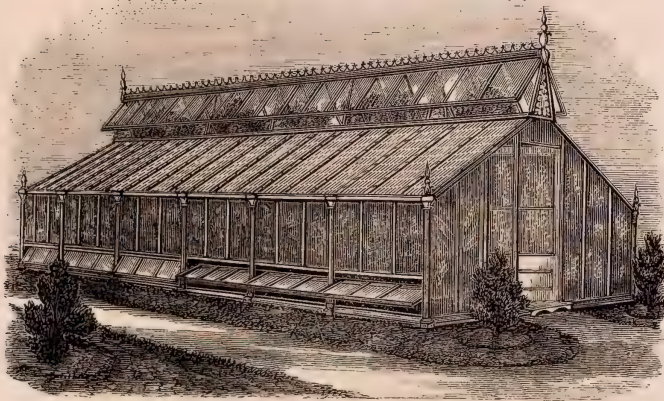
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A SMALL, CHEAP PROPAGATING HOUSE.
See American Journal of Horticulture, vol. 1, page 279.



BEARD'S PATENT GLASS HOUSE.
See American Journal of Horticulture, vol. 2, page 50.

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FOR THE GREENHOUSE.

WE have placed this class of plants under a separate heading, as this arrangement will tend to facilitate a selection. Although classed as greenhouse plants, many of them will be found beautiful requisites for bedding purposes, during the summer months. For special treatment for greenhouse plants, we refer you to Puist's Flower-Garden Directory, or other treatise on the subject.

ABUTILON. NAT. ORD., *Malvaceae.*

PRICE.

Remarkable for fine foliage and various veined and striped colored drooping flowers; very ornamental for the conservatory; many of the varieties will succeed well, if plunged in the flower-border during summer. Half-hardy shrubs.

Abutilon. Choice mixed, from beautiful varieties25

ACACIA. NAT. ORD., *Leguminosae.*

Of this class of ornamental shrubs, it is impossible to speak too highly: they are not only valuable for greenhouse decoration, but also, during summer, they will be of equal service in the flower-garden, where their beautiful foliage and neat habit cannot fail to render them very attractive. Previous to sowing, soak the seed in water at 120°, for six hours. Greenhouse shrubs.

- Acacia albicans.** White, with beautiful silvery foliage. 5 feet25
- “ **argyrophylla.** Superb; yellow; silvery foliage. 6 feet25
- “ **coccinea.** The most novel of the Acacias; color, bright rose; fine foliage. 5 feet25
- “ **dealbata.** Canary yellow; foliage very graceful. 5 feet25
- “ **Julibrissin** (SILK-TREE). A hardy and elegant shrub, with tassel-like tufts of beautiful rosy flowers. 5 feet10
- “ **nematophylla.** A splendid acquisition; with bright-yellow flowers; fine habit. 6 feet25
- “ **xylophyloides.** The most splendid of all the Acacias, producing rich clusters of golden blossoms; light-green, lanceolated foliage. 6 feet25

AZALEA. NAT. ORD., *Ericaceae.*

Beautiful flowering plants. All the species should be grown in peat, leaf mould, and a very sandy loam.

- Azalea Indica.** Greenhouse shrubs. 4 feet25
- “ **Pontica.** Hardy shrubs. 4 feet25

CALCEOLARIA. NAT. ORD., *Scrophulariaceæ.*

Indispensable for the greenhouse or the flower-garden. The herbarious varieties, *C. hybrida*, are remarkable for their large, finely-shaped and beautifully-spotted flowers. *C. rugosa*, a shrubby variety, for in-door, and sometimes for out-door, decoration. They succeed in any light rich soil. Half-hardy perennials.

Calceolaria herbaceous	(JAMES'S INTERNATIONAL PRIZE). The finest strain of Calceolaria yet raised. Obtained the first prize above all competitors at the various London shows, in the summer of 1867 . . . . .	.75
"	" Extra fine, spotted and striped; large-flowered; superb. 1 foot . . . . .	.50
"	" nana. A new dwarf variety; beautifully marked; close, compact habit; free-bloomer . . . . .	.50
"	" rugosa. A shrubby variety. Half-hardy perennials25

CARNATION. NAT. ORD., *Caryophyllaceæ.*

Carnation.	Perpetual-flowering50
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CHRYSANTHEMUM. NAT. ORD., *Compositæ.*

Chrysanthemum indicum.	Tall, double mixed, extra fine. Half-hardy perennial. 2 feet25
"	" nanum. Double mixed (<i>Dwarf Pom-pone</i>). Half-hardy perennial. 1 foot . . . . .	.25

CINERARIA. NAT. ORD., *Compositæ.*

A favorite, free-flowering plant; may be had in splendid bloom through the greater portion of the year; and, from the richness and diversity of its colors, is one of the most valuable of our early spring flowers; succeeds best in light, rich, free, and open soil.

Cineraria.	Fine mixed. 1½ feet . . . . .	.25
"	Extra fine mixed. Saved from the choicest named flowers. 1½ feet . . . . .	.50
"	New dwarf. Saved from the finest named flowers . . . . .	.25

CLIANTHUS. NAT. ORD., *Leguminosæ.*

Magnificent, free-flowering shrubs, with elegant foliage; and brilliantly-colored, singularly-shaped flowers, produced in clusters. *C. magnificus* blossoms freely out of doors in summer, against a trellis or south wall. *C. Dampierii* succeeds best planted in the border of a greenhouse, and is one of the most magnificent plants of recent introduction. Seeds sown early in spring flower the first year. Succeeds best in sandy peat and loam. Half-hardy shrub.

Clianthus Dampierii.	Henderson's magnificent varieties of this unique plant, embracing colors from white to crimson, with the black, boss-like blotch . . . . .	.50
"	magnificus (GLORY PEA). An extremely handsome, scarlet flowering shrub, with elegant foliage. Flowers beautifully out of doors in summer, against a trellis or south wall, but requires protection in the winter. The seeds should be soaked a few hours in warm water, before sowing. 4 feet . . . . .	.25

PRICE.

CUPHEA. NAT. ORD., *Lythraceæ.*

A highly-ornamental and beautiful genus of profuse-blooming plants, equally valuable for the greenhouse, conservatory, and flower-garden. If sown early, they can be used for bedding-plants the first year.

- Cuphea platycentra.** Well-known variety; flowers scarlet, black, and white; fine for pot-culture. 1 foot10
- “ **strigulosa (coarse-haired).** Scarlet and yellow10
- “ **silenoides.** Dark crimson brown; a fine variety. Half-hardy annual10
- “ **Zimapani.** A new variety, with large violet-red flowers. 1½ feet .25

CYCLAMEN. NAT. ORD., *Primulacæ.*

A genus of the most beautiful and elegant winter and spring blooming greenhouse bulbs, universally admired; growing freely in sandy loam. Half-hardy perennial.

- Cyclamen.** Saved from beautiful varieties, producing flowers of various and beautiful tints25

FELICIA. NAT. ORD., *Compositæ.*

One of the finest acquisitions of horticulture. A low shrub, the branches terminating in flowers of a yellow disc, and petals of a beautiful purple violet. This lovely shrub flowers in spring, and will take a place in every greenhouse collection. From New Holland. 2½ feet.

- Felicia angustifolia.**50

FUCHSIA. NAT. ORD., *Onagraceæ.*

These beautiful plants have, until lately, been treated as greenhouse plants; but they grow freely in the open ground, and enliven our flower-gardens during the whole summer with their beautiful drooping flowers. Half-hardy perennials.

- Fuchsia.** Mixed. Saved from the choicest varieties50

GERANIUM (PELARGONIUM). NAT. ORD., *Geraniacæ.*

These well-known garden-favorites are indispensable for in or out door decoration, and should be extensively cultivated. The seed having been saved from first-class varieties, the amateur has a chance of raising many novelties. Half-hardy perennials.

- Geranium.** Fine mixed25
- “ Fancy varieties, mixed25
- “ **new French hybrid.** A new and beautiful variety . . .25
- “ Finest prize; saved from prize-flowers50
- “ **scarlet.** Fine mixed; a beautiful bedding-plant; fine for pot-culture10
- “ Extra choice, from newest varieties of scarlet, rose, salmon, and white flowering varieties, mixed25

GLOXINIA. NAT. ORD., *Gesneracæ.*

Superb greenhouse plants, producing in great profusion, above the foliage, beautiful flowers, of the richest and most beautiful colors. Thrive best in sandy peat and loam. Stove perennial bulbs.

- Gloxinia erecta.** Erect-growing. Saved from a fine collection . . .50
- “ **finest hybrid drooping-flowers.** Choice varieties . . .50

HIBISCUS. NAT. ORD., *Malvaceae*.

One of the most ornamental, beautiful, and showy tribe of plants cultivated.

Hibiscus Cameronii.	Striped rose. Greenhouse shrub. 4 feet . . .	.25
" coccineus speciosus.	Scarlet; superb. Greenhouse shrub. 3 feet . . .	.25
" splendens.	Large rose-flowered . . .	.25
" tilacens.	Flower large; bright yellow, with purple . . .	.25
" tricolor.	A fine shrubby species from Japan; valuable for parks and large gardens . . .	.25

IPOMEA (CONVOLVULUS). NAT. ORD., *Convolvulaceae*.

Of all flowers in general cultivation this ranks pre-eminent; its fine foliage and graceful form render it an indispensable ornament for greenhouse, conservatory, or garden decoration.

Ipomoea Learii.	Magnificent mazarine-blue25
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LANTANA. NAT. ORD., *Verbenaceae*.

Remarkably handsome, free-flowering plants, with brilliant-colored flowers constantly changing in hue. Very effective either for pot-culture or for bedding purposes, when planted out. The plants will bloom more profusely if retained in their pots, and plunged where intended to flower.

Lantanas.	Mixed varieties. Saved from a choice collection25
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MIMULUS (MONKEY-FLOWER). NAT. ORD., *Scrophulariaceae*.

Extremely handsome, profuse-flowering plants, with singularly-shaped and brilliantly-colored flowers, distinguished by their rich and hieroglyphic-like markings. Seeds sown in spring make fine bedding-plants for summer blooming. In most situations, seed sown in autumn produces very effective, early-flowering, greenhouse plants. In-doors stand the pots in saucers of water. Half-hardy perennials.

Mimulus cardinalis (MONKEY-FLOWER).	Very showy, with brilliant scarlet flowers; blooms readily the first year from seed. Fine for bedding . . .	.10
" Emperor.	New; very fine . . .	.25
" cupreus hybridus.	None can surpass this for richness, diversity of color, and free-blooming. The plants are dwarf, bushy, and vigorous, with large, fine-shaped flowers, spotted, stained, marbled, speckled, and blotched in the most striking manner . . .	.25
Mimulus cupreus hybridus cinnabar.	New; a most remarkable variety of <i>M. cupreus hybridus</i> ; with large, bright, cinnabar-red flowers, which will be of great value to the flower-garden, either for beds or borders . . .	.50
"	Choice varieties mixed . . .	.25
" Musk (MIMULUS MOSCHATUS).	The well-known musk plant . . .	.10

NIEREMBERGIA. NAT. ORD., *Solanaceae*.

Profuse-blooming, elegant, and charming little plants, valuable for small beds, edging, and rustic baskets or vases; remains in bloom through the season. Half-hardy perennials.

	PRICE.
Nierembergia gracilis. White, veined with lilac. $\frac{1}{2}$ foot . . . . .	.25
“ intermedia. Deep crimson. $\frac{1}{2}$ foot . . . . .	.25
“ frutescens. Soft-wooded shrub; stem straight, well branched; same foliage as <i>N. gracilis</i> , but of a more elegant habit; the flowers are of the same color, but larger and more open; pretty as a pot-plant; flowers the first year from seed . . . . .	.50

PELARGONIUM. NAT. ORD., *Geraniaceæ.*

A genus of beautiful, greenhouse plants: whether for the adornment of the conservatory or the drawing-room, they stand unrivalled. Greenhouse perennial.

Pelargonium. Finest mixed; from named prize flowers . . . . .	.25
(For other varieties, see Geranium.)	

PRIMULA. NAT. ORD., *Primulaceæ.*

A charming, profuse-flowering plant; indispensable for winter and spring decoration for the greenhouse, conservatory, and drawing-room. The seed is unrivalled, and has been saved from flowers remarkable for their size, color, and perfect form. Succeeds best in sandy loam and leaf-mould. Half-hardy perennials.

The following are the newest varieties of Chinese Primrose of late introduction:—

Primula Chinensis erecta fimbriata rubra plena. Double red fimbriated erect Chinese Primrose	1.00
“ “ fimbriata marginata lilacea. Very large-flowered; lilac, white-margined; beautiful fimbriated variety; extra fine	1.00
“ “ macrophylla fimbriata marginata alba	1.00
“ “ “ “ rubra	1.00
“ “ fimbriata. Salmon-colored; remarkable for its large flowers, of dark salmon-colored rose, reproduced from seed almost without sporting . . . . .	.50
“ “ “ White, striped with red . . . . .	.25
“ “ “ alba . . . . .	.25
“ “ purpurea. Purple . . . . .	.25
“ “ alba. White . . . . .	.25
“ “ rubra striata. Rose, striped . . . . .	.25
“ “ fimbriata kermesina splendens. Superior; very large-flowered, most brilliant in color; extra . . . . .	.50
“ “ grandiflora. This is one of the finest; flowers large, various colors, beautifully fringed. $\frac{1}{2}$ foot . . . . .	.50
“ “ erecta superba. A fine, new, erect-growing variety, with brilliant rose-colored flowers; very fine. $\frac{3}{4}$ foot . . . . .	.50
“ “ macrophylla. Remarkable variety, with long, massive foliage, and beautiful large flowers, of great substance, beautiful form, and finely fringed, of a rich purplish carmine, with pentagonal, large yellow eye, surrounded by a brown zone; comes true from seed . . . . .	.50

		PRICE
Primula Chinensis fimbriata (CRIMSON EMPEROR). Rich, dazzling, crimson flowers; the finest Primula in cultivation . . . . .		.50
" " " Clarkiaefolia alba . . . . .		.50
" " " rosea . . . . .		.50
These two varieties are very large; the flowers resembling in shape those of <i>Clarkia pulchella</i> .		
" " " flicifolia rubra grandiflora (large-flowering red fern-leaved). A decided acquisition; of strong-growing habit; the leaves of a beautiful velvety-green; flowers, 1½ inches in diameter; of fine substance; beautiful . . . . .		.50
" " Good mixed . . . . .		.25
" " Extra mixed; the best varieties . . . . .		.50
" " Stoke's superb . Rose varieties mixed; extra; fringed. . . . .		.50
" " " " Carmine varieties mixed; extra; fringed. . . . .		.50
" Cortusoides . Rose-lilac; hardy perennial . . . . .		.25

PUNICA. NAT. ORD., *Granulaceæ*, or *Myrtaceæ*.

Punica nana. Very handsome as a pot-plant; covered with a profusion of scarlet blossoms25

ROSE. NAT. ORD., *Rosaceæ*.

Rose seed, saved from the finest varieties of Hybrid, Perpetual, Noisetté, Tea, Bourbon, &c.25

SOLANUM. NAT. ORD., *Solanaceæ*.

A magnificent genus of the most beautiful ornamental fruit-bearing plants. Seed should be sown under glass. Some of them are very interesting greenhouse shrubs; others are valuable as climbers.

Solanum atropurpureum. Dark purple. 1½ feet . . . . .	.10
" capsicastrum (MINIATURE ORANGE-TREE). Scarlet-fruited; fine for parlor or conservatory; half-hardy perennial . . . . .	.10
" marginatum. Silvery, glittering leaves . . . . .	.10
" heterogonum. Large; black-fruited. 1½ feet . . . . .	.10
" laciniatum elegans. A beautiful shrub, producing a large quantity of blue flowers, with bunches of orange-colored fruit; fine; half-hardy. . . . .	.25
" jasiminoides. Flower white, in clusters; fine; greenhouse climber. 30 feet . . . . .	.25
" Cabillense argenteum. Yellow fruit, with silvery three-lobed fruit; shrub . . . . .	.25
" Texanum. Waxy scarlet fruit, of great beauty. 2 feet . . . . .	.25

TROPÆOLUM. NAT. ORD., *Tropæolaceæ*.

Dry bulbs of the following varieties of *Tropæolum* may be had in September. Valuable for greenhouse, parlor, or conservatory decoration.

	PRICE.
Tropæolum brachycerus. Yellow and red; fine foliage
“ pentaphyllum. Scarlet and green
“ Jarratii. Scarlet and yellow
“ tricolorum grandiflorum. Scarlet, yellow, and black
“ azureum. Fine azure-blue; sweet-scented

(See BULB CATALOGUE, published in SEPTEMBER.)

ORNAMENTAL GRASSES,

FOR MIXED BORDERS, AND SHRUBBERIES; ARE ALSO USEFUL, WHEN PROPERLY DRIED, FOR WINTER BOUQUETS, DECORATIONS, EDGINGS, RIBBONS, ETC.

A class of plants extremely attractive, interesting, and effective. They should occupy a prominent place in every garden. The low-growing varieties make pretty edgings; those of medium height produce a pretty effect in mixed flower borders, beds, &c.; whilst the tall-growing kinds have an exceedingly elegant appearance in large flower and shrubbery borders. They are mostly annuals; and those which are not, with the exception of Pampas Grass, flower the first year. All in the following collection are curious, handsome, and graceful.

Most of the varieties may be dried for winter bouquets; or used for filling vases, either in a dried or green state.

To develop their true character, transplant or thin out to afford space for the growth of each, and this should be done as soon as the plants can be handled.

	PRICE.
Achnodonton bellardi. Fine for bouquets . . . . .	.10
Agrostis. The varieties of this class are exceedingly beautiful and extremely graceful . . . . .	.05
“ elegans. Very beautiful . . . . .	.10
“ nebulosa. One of the most graceful grasses in cultivation . . . . .	.10
“ plumosa. Superb; flowers in plumes . . . . .	.10
Andropogon bombycinus. A charming grass for pot-culture; with large, pendent ears; with a fine, silvery-white covering; soft, like satin, to the touch. 1 foot . . . . .	.25
“ formosus. The appearance is most majestic. Its plumes of inflorescence are described as being unsurpassed by any grass yet introduced. 9 feet . . . . .	.25
Avena sterilis (ANIMATED OAT). 2½ feet . . . . .	.05
Briza maxima (QUAKING GRASS). 1 foot . . . . .	.05
Briza compacta. Erect and compact; very distinct . . . . .	.25
“ gracilis. Slender. 1 foot . . . . .	.10
Brizopyrum siculum. For edgings. ½ foot . . . . .	.10
Bromus briziformis. For bouquets. 1 foot . . . . .	.10
“ lanuginosus. For bouquets. 1 foot . . . . .	.10
Ceratochloa pendula. Graceful. 1 foot . . . . .	.10

	PRICE.
Chloris barbata. A singularly curious grass. 1 foot . . . . .	.10
“ radiata. Radiating. 1 foot . . . . .	.10
“ truncata. A pretty, ornamental grass. 1 foot . . . . .	.10
Coix lachrymæ (JOB'S TEARS). 2 feet . . . . .	.05
Eragrostis elegans (LOVE GRASS). 1 foot . . . . .	.05
Erianthus Ravennæ. Style of Pampas Grass; extremely elegant and graceful; its noble plumes of silvery inflorescence are pure white, and delicately beautiful. . . . .	.25
Festuca glauca. Bluish green; valuable for edgings . . . . .	.10
Gynerium argenteum (PAMPAS GRASS). The most noble grass in cultivation . . . . .	.25
Hordeum jubatum (SQUIRREL TAIL). Very fine. 3 feet . . . . .	.10
Lagurus ovatus (HARE'S TAIL). Very pretty. 1 foot . . . . .	.05
Monachyron roseum. A handsome grass, with neat habit, and dark-rose, silken spikelets; very fine. 2 feet . . . . .	.25
Panicum crus corvi. Brown. 1½ feet . . . . .	.10
“ flmbriatum. Splendid. 1 foot . . . . .	.10
Pennisetum fasciculatum. A very pretty, new grass, with violet fibres; most useful for edging; grown as a pot-plant; very handsome . . . . .	.25
“ longistylum. Graceful. 1½ feet . . . . .	.05
“ villosum. Elegant. 1 foot . . . . .	.05
Penicillaria spicata. A noble annual; leaves like the maize, with long panicles of flowers, succeeded by pretty, white grain. 4 to 5 feet . . . . .	.25
Paspalum elegans. Very elegant . . . . .	.05
Sorghum cylindricum. Beautiful grass, with silvery-colored spikelets; for groups. 3 feet . . . . .	.10
Stipa pennata (FEATHER GRASS). 2 feet . . . . .	.10
Tricholœana rosea. Very beautiful . . . . .	.10
Zea Japonica (JAPANESE MAIZE). Beautifully and evenly striped, or ribbed, with alternate stripes of green and white; it resembles the <i>Donax variegata</i> , but is of a much more elegant and imposing habit. Nothing in the way of foliage plants can exceed it in gracefulness and beauty . . . . .	.10

ORNAMENTAL FOLIAGED PLANTS.

For the adornment of the conservatory, shrubbery, or the flower borders; or for planting out in groups, or single specimens, on lawns or pleasure-grounds. Full descriptions of these will be found under their respective heads.

Acanthus,
Amaranthus,
Belvidere,
Canna,
Celosia,

Chenopodium,
Cineraria maritima,
Erianthus Ravennæ,
Gynerium argenteum,
Helianthus,



1-10 Natural Size.



1-2 Natural Size.

PYRAMID DWARF BOUQUET ASTER. See page 12.



Natural Size.

IMPROVED DWARF ROSE BALSAM. See page 13.

Humea,
Nicotiana,
Perilla,
Prince's Feather,

Ricinus,
Ornamental Grasses,
Salvia argentea,
Zea Japonica.

FRENCH AND GERMAN FLOWER-SEEDS.
IN COLLECTIONS.

WE invite the attention of our customers to the following assortments of flower-seeds. They have been selected for us from the various flower-seed growers, in France, Germany, and Prussia, whose well-known reputation is a sure guarantee of their superior excellence. We have no hesitation in recommending them.

We would also call attention to the fact that these collections are sent out in the original packages, as received by us: the advantage to the purchaser is obvious.

ASTERS.

	PRI.	CE.
Truffaut's pæony-flowered Aster. Sixteen splendid varieties; distinct colors	1	50
“ “ pyramid-flowered. Twelve splendid varieties	1	25
“ “ perfection. Sixteen splendid varieties	1	50
“ imbrique Pompone. Ten splendid varieties	1	50
Dwarf chrysanthemum-flowered. Ten splendid varieties	1	25
Giant emperor. Ten splendid varieties	1	50
Cocardeau, or crown-flowered. Six beautiful varieties	1	00
Reid's improved quilled. Eight splendid varieties	1	00
Boltze's new miniature bouquet pyramid. Five superb varieties	75	-
Pæony globe. Seven superb varieties	75	-
Rose-flowered. Twelve superb varieties	1	50
For those who like a variety, and have not room for full collections, we have made up one packet in each class. Twelve varieties	1	00
Six varieties	50	-

BALSAMS.

Double camellia-flowered Balsams.	
Ten splendid varieties, 50 seeds in each	1.50
Six “ “ “ “ “	1.00
Double spotted rose-flowered Balsams. Twelve splendid varieties; 50 seeds in each	1.50
Improved double rose-flowered Balsams. Ten splendid varieties; unsurpassable; 50 seeds in each	1.25

GERMAN STOCKS (IN ORIGINAL PACKETS).

Dwarf early-flowered ten-week Stocks.	12 splendid varieties	. 1.25
Large-flowered improved dwarf ten-week Stocks.		
Eight splendid varieties		. 1.00
Twelve " " "		. 1.50
New large-flowered pyramidal ten-week Stocks.	Eight splendid varieties	. 1.00
Dwarf pyramidal ten-week Stocks.	Twelve splendid varieties	. 1.50
Giant, or tree, ten-week Stocks.	Ten splendid varieties; a valuable acquisition, the flowers being from 1½ to 2 inches in diameter.	2 feet. 1.50
New early autumn-flowering Stocks.	Six splendid varieties; specially recommended, as producing, when sown at the same time as ten-weeks Stock, a continual bloom from August till late in autumn	. 1.00
New early large-flowered Brompton Stocks.	Eight splendid varieties.	. 1.50
Emperor, or perpetual Stocks.	Eight splendid varieties.	. 1.25

LARKSPURS.

Double dwarf rocket Larkspur.	Twelve splendid varieties	. 1.00
Double tall rocket Larkspur.	Eight splendid varieties	. .75
Double branching Larkspur.	Eight splendid varieties	. .75
Double hyacinth-flowered Larkspur.	Ten splendid varieties	. 1.00

VARIOUS COLLECTIONS.

Antirrhinum majus (Snapdragon).	Eight splendid varieties	. 1.00
Acacia.	Twenty-five splendid varieties	. 3.00
"	Twelve splendid varieties	. 1.50
Cinna.	Twenty-five splendid varieties	. 3.00
"	Twelve splendid varieties	. 1.50
Convolvulus major.	Ten splendid varieties	. .50
Coxcomb.	Twelve splendid varieties	. 1.00
Gadiolus.	Six splendid varieties	. 1.00
Hollyhock.	Twelve splendid varieties	. 1.50
Heartsease, or Pansies.	Eight splendid varieties	. 1.50
Petunia.	Eight splendid varieties	. .75
Phlox Drummondii.	Twelve splendid varieties	. 1.00
"	Eight splendid varieties	. .75
Portulaca, double.	Six distinct colors	. 1.00
Sweet Peas.	Eight splendid varieties	. .50
Ipomea.	Half-hardy and tender. Twelve splendid varieties	. 1.00
Marygold, African and French.	Eight splendid varieties	. .50
Ornamental Grasses.	Twenty-five splendid varieties	. 1.25
"	Twelve splendid varieties	. .75
Tropæolum lobbianum.	Twelve splendid varieties	. 1.50
Wallflower.	Six splendid varieties	. 1.00
Zinnia elegans.	Finest double; six splendid varieties	. 1.00
Poppy.	Double carnation. Twelve varieties	. 1.00
"	" " " Eight varieties	. .75

FLOWER SEEDS.

NOVELTIES FOR 1869.

The following novelties of this season, selected from the most reliable growers of England, France, Prussia, and Germany, will be found valuable additions to the class to which they respectively belong.

- Amaranthus bicolor ruber.* Fine, vigorous, variegated-leaved plant, with abundant foliage, green striped, and shaded with purplish-red at the foot of the stems and branchlets; bright carminate scarlet, sometimes pointed yellow, and thickly set at the top. We consider this variety one of the best variegated-leaved plants, and far more showy than the old bicolor. .50
- Aster German quilled Magenta (reddish-violet).* An extremely fine variety of the quilled German Aster .50
- Calandrinia speciosa alba.* A pure white variety of the popular *C. speciosa*. The dwarf habit of this variety makes it one of the most useful for edging of beds, rockeries, or as a pot-plant .25
- Campanula medium rosea double.* A double variety of the Canterbury Bell, rose-colored, reproduced freely from seed .50
- Candytuft dwarf Lilac.* A dwarf variety of the old Candytuft, interesting for its small bushy size; very good plant .25
- “ *very dwarf white (Iberis affinis).* First-class novelty (annual and biennial), from four to seven inches high, producing large, compact bushes, finely-cut leaves, and, when the plant is in bloom, almost completely covered with a multitude of brilliant white flowers; slightly sweet scented .25
- Cerintho aspera.* The finest of this species; the flower-tube bright golden on a black ground .25
- Chrysanthemum carinatum hybridum, fl. pl.* A novelty strongly recommended, nearly all fine double flowers; brilliant, shaded in orange, scarlet, and rosy-purple .25
- Convolvulus minor unicaulis.* It has a single upright stem without a branch. The strength of the plant is directed to one point, and the result is, a compact head of flower-buds in great profusion, expanding into blossoms of immense size, of a very rich purplish-blue, and continues in bloom throughout the season .25

CURTIS & COBB'S

Price.

<i>Dianthus Heddewegii diadematus flore pleno.</i> The most remarkable novelty of the season. The flowers reach a diameter of 2 to 3 inches; regular double, showing the finest colors, lilac, carmine, purple, even to the deepest brown. It is a wonder of beauty. Flowers the first year from seed . . . . .	.50
<i>Eschschotzia crocea rosea.</i> The upper portion of the flower is a French white or pale pink, and the under portion a brilliant color, shading from rose-pink to crimson lake. The effect produced by this variety when half opened is most charming. This variety will become a general favorite . . . . .	.25
<i>Godentia versicolor grandiflora.</i> A charming rock-plant, flowers three times the size of <i>G. reptans</i> ; the habit more procumbent, producing a profusion of flowers in great variety of color . . . . .	.25
<i>Gomphrena spec. Aurantiaca Isabellina.</i> A new variety, with yellow flowers, shaded with white . . . . .	.25
<i>Ipomea grandiflora foliis argentea marmorata.</i> Valuable new Japan introduction, with large, fine, marbled flowers, and a distinct fine margin . . . . .	.25
<i>Linaria bipartitastriata.</i> A first-class novelty. The flowers are white, striped with purple. The plants, when in full bloom, resemble small compact bunches of blossoms; a decided acquisition . . . . .	.25
<i>Myosotis alpestris rosea.</i> A new variety of the Forget-me-not, with beautiful rose-colored flowers . . . . .	.25
<i>Myosotis azorica var. alba.</i> The well known Forget-me-not, with pure white flowers . . . . .	.25
<i>Nasturtium.</i> Golden King of Tom Thumbs; flowers deep golden, thrown well above the dark-colored foliage, and will form a suitable contrast to the well known Scarlet King of Tom Thumbs . . . . .	.50
<i>Nemophila discoidalis punctata.</i> A new variety of <i>discoidalis</i> ; blossoms white, with black spots . . . . .	.25
<i>Nemophila atomaria folio variegata.</i> A variety of the well known <i>atomaria</i> , with silvery variegated foliage . . . . .	.25
<i>Petunia mirabilis tigrina.</i> New and distinct, the flowers dotted all over with deep violet, crimson, and purple on a white ground, which change according to the weather . . . . .	.50
<i>Pyrethrum aureum.</i> (Golden feather). A lovely variety, of dwarf habit, with golden foliage; a valuable variety for bedding and bordering . . . . .	.25
<i>Reseda ameliora.</i> (Red-flowered Mignonnette.) A new variety of the antique <i>mignonnette</i> , with red flowers of very fine compact growth, extremely sweet-scented, one of the best introductions of the year . . . . .	.50
<i>Rhodanthe manglesiï major.</i> A great improvement on the much-admired <i>R. manglesiï</i> , having the giant and robust habit of <i>R. maculata</i> . . . . .	.25
<i>Stock, New Giant Intermediate.</i> A remarkable fine stock, continuing in bloom an immense time. The flowers are very large and double; color, deep scarlet . . . . .	.25
“ Large flowered, ten-week, dark blood-red, with wall-flower leaves . . . . .	.50
“ “ “ “ sulphur yellow . . . . .	.50
“ “ “ “ brilliant rose . . . . .	.50

CATALOGUE OF SEEDS.

	Price.
<i>Stock, Emperor.</i> Large-flowered, dark blood-red. The brightest and most beautiful of all Emperor Stocks; extra double, and of a beautiful robust and pyramidal habit . . . . .	.50
<i>Tagetes patula nana faviflora.</i> The bloom of this flower is in the form of a hemisphere. Each florit is an inverted elongated conical tube. The tubes being crowded together gives it the appearance of a honeycomb. A splendid novelty in the Dwarf French Marigolds . . . . .	.25
<i>Xeranthemum multiflorum fl. purpurea pl.</i> A dwarf and very compact habit, covered with double purple blossoms. A splendid acquisition . . . . .	.25
<i>Zinnia elegans alba semi plena.</i> The great want of this popular flower was a white variety: we have much pleasure in offering this novelty . . . . .	.50
<i>Zinnia elegans tragetiflora fl. pl.</i> New and splendid double velvet-like zinnia. The habit is a great improvement on the old zinnia . . . . .	.50
<i>Zinnia elegans pumila fl. pl. varietates.</i> Of dwarf compact habit, globular form; very useful for small beds . . . . .	.50
<i>Zinnia Ghesbreghti.</i> A charming acquisition of dwarf habit, similar to <i>Zinnia Mexicana</i> , of various colors, very useful for bedding groups or borders . . . . .	.25

NOVELTIES OF 1867 AND 1868.

<i>Abloppapus rubiginosus (Haplopappus).</i> A fine plant for borders. 2 feet . . . . .	.25
<i>Aphananestephus ramosissimus.</i> Half-hardy annual of carpet-like growth, producing comparatively large, violet-blue, yellow, disked flower-buds; blooms throughout the summer. 4 inches . . . . .	.25
<i>Artemisia Japonica.</i> Fine for a lawn; very fragrant. 3 feet . . . . .	.25
<i>Aquilagia whitmaniana.</i> Blue, with white corolla . . . . .	.25
“ “ “ Blue, with rosy white corolla . . . . .	.25
<i>Balsam Carnation.</i> Carnation striped dwarf rose. This magnificent seedling is deserving general cultivation; mixed colors. (See wood-cut, page 13) . . . . .	.50
<i>Balsam Solpherino.</i> Striped and streaked with lilac and scarlet on satin-white ground; most beautiful. (See wood-cut page 13) . . . . .	.50
<i>Balsamita grandiflora.</i> Grows six feet in height, with stalks terminating in one large flower similar to a cockade; golden yellow . . . . .	.25
<i>Bidens Warscewicziana pinnata.</i> Very free-bloomer; orange disc and white petals. 4 feet . . . . .	.25
<i>Cassinia aurea.</i> Pretty, yellow-flowered greenhouse everlasting . . . . .	.25
<i>Calliopsis bicolor nana fistulosa nigra.</i> A new dwarf-quilled, black-red variety. . . . .	.25
“ “ “ <i>semiplena marmorata.</i> A new semi-double variety, with yellow, dark-blood, marbled flowers . . . . .	.25
<i>Campanumosa Javanica.</i> A remarkable climbing campanulacea, with axil-standing flowers, white with a reddish tint . . . . .	.25
<i>Campanula celsii.</i> A dwarf, trailing species, with pale-blue, tubular flowers; very pretty for rock-work. Perennial . . . . .	.25
“ <i>celtidifolia.</i> A pretty species, with blue flowers; blooms the first season from seed. (Annual and perennial) . . . . .	.25

CURTIS & COBB'S

	Price.
<i>Cedronella Mexicana</i> . A hardy, herbaceous plant, with a large violet flower-spike; highly fragrant . . . . .	.50
<i>Centaurea species de Teneriffe</i> . Flowers resemble those of <i>C. cyanus</i> , but larger; of a fine azure blue . . . . .	.25
<i>Cerastium tomentosum</i> . Flowers white, with silvery leaves; hardy perennial. 6 inches . . . . .	.25
<i>Chlora grandiflora</i> . Gentiana-like yellow flowers; handsome, glossy leaves; grows vigorously in the open border; very handsome . . . . .	.25
<i>Chrysanthemum frutescens</i> . A white-flowered, frutescent species . . . . .	.25
<i>Clematis Standishii</i> . A beautiful large-flowered species . . . . .	.50
<i>Coccinia Indica</i> . A splendid climber, with beautiful, smooth, glossy, pentagonal leaves; a beautiful contrast to the large, snow-white, bell-shaped flowers produced in multitudes between the foliage; fruit, brilliant carmine; growth vigorous; habit very handsome . . . . .	.25
<i>Datura fastuosa splendida</i> . A beautiful, reddish-purple variety; double . . . . .	.50
<i>Delphinium cardinale</i> . The only scarlet Delphinium known . . . . .	.50
“ <i>consolida fl. alba pura pleno</i> . A pure, dazzling-white variety of the branching Larkspur; the flowers very large, imbricated, forming dense spikes. (See illustration page) . . . . .	.25
“ <i>consolida fl. pl.</i> (Double branching Larkspur,) improved quality, fine mixed colors . . . . .	.25
“ <i>Ajaxis album carmineum striatum</i> . Beautiful new double white, carmine-striped variety . . . . .	.25
“ “ <i>purpureum marginatum</i> . A fine new reddish-purple, white-margined variety . . . . .	.25
<i>Dianthus barbatus nigricans</i> . A beautiful variety, with blackish-violet foliage, and deepest blood-red-colored flowers, with white anthers . . . . .	.25
“ <i>imperialis atropurpureus striatus plenus</i> . Double white, with brilliant purplish crimson; striped variety . . . . .	.25
“ <i>barbatus nigricans</i> . Brilliant deep-red flowers . . . . .	.25
“ <i>Heddewegii lilacina</i> . Flowers, pure lilac. . . . .	.25
“ “ <i>striatus grandiflorus fl. pl.</i> A fine white flower, with a dark, broad, purple margin . . . . .	.25
“ <i>imperialis plenissimus pictus</i> . A rival to the finest Pink; the flower, large; in general, the ground yellow . . . . .	.25
<i>Eryngium bromeliæfolium</i> . A fine herbaceous plant . . . . .	.50
<i>Euphorbia atropurpurea</i> . A remarkable species, forming a bush, two-inch long leaves, blackish-red involucre enveloping the flowers . . . . .	.25
<i>Gaillardia picta sulphurea</i> . New sulphur-colored variety; very showy . . . . .	.25
“ <i>hybrida maxima</i> . The largest-flowered and most brilliant-colored variety. Hardy perennial . . . . .	.25
<i>Globularia trichusantha</i> . An early spring flower, with glossy foliage; globular heads of fine blue flowers; very beautiful . . . . .	.25
<i>Gloxinia hybrida robusta erecta</i> . . . . .	.50
“ “ <i>horizontalis</i> . . . . .	.50
“ “ <i>pendula</i> . . . . .	.50
A new class of Gloxinias. Most luxuriant in growth; flowers, of a large size, handsomely shaped, and extremely solid in substance.	

CATALOGUE OF SEEDS.

	Price.
<i>Impatiens balsamina atrosanguinea plenissima</i> . Deep blood-red, double, large-flowered variety . . . . .	.50
“ “ <i>roseiflora nana caryophylloides</i> . Truly magnificent . . . . .	.50
<i>Ipomea sinuata</i> . A most elegant species, with pretty palmatifid leaves; flowers white, with blackish-purple throat . . . . .	.50
<i>Ipônopsis elegans atrorosea nana</i> . Dwarf-rose; deep-colored variety . . . . .	.50
<i>Ixodia achilleoides</i> . Australian everlasting; with flowers similar to <i>Ammobium alatum</i> , with angular stems; shrubby variety. 4 feet . . . . .	.50
<i>Lathyrus Gorgoni</i> . Beautiful white and salmon-colored flowers; dwarf variety; suitable for edging . . . . .	.25
<i>Lilium Buschianum</i> . Brilliant vermilion-colored, erect flowers, large, with substantial petals; rare and beautiful . . . . .	.50
“ <i>carniolicum</i> . Color vermilion, dotted with purplish brown; beautiful. . . . .	.50
<i>Lobelia erinus erecta azurea</i> . Light azure blue; erect variety; very fine . . . . .	.25
“ <i>fulgens hybrida</i> . Hybrid scarlet varieties, in new shades of color, improved in size and form . . . . .	.25
<i>Lupinus mutabilis roseus splendens</i> . A beautiful variety of a bright rose color, changing to a lilac in fading . . . . .	.25
<i>Malva capensis stricta</i> . Handsome, either in groups or singly; flowers dark red . . . . .	.25
“ <i>tournefortiana</i> . Light rose-colored flowers; fine lacinated foliage . . . . .	.25
<i>Mathiola bicornis</i> . Rosy-lilac flowers, of branching, bushy habit; surpassing the Mignonnette in fragrance . . . . .	.25
<i>Melothria scabra</i> . A handsome climbing annual Cucurbitacea, with pretty yellow flowers, small oval fruit, of dark green, striped with white . . . . .	.25
<i>Nierembergia frutescens</i> . Same foliage as <i>N. Gracilis</i> , but of a more elegant habit . . . . .	.50
<i>Enothera Drummondii laciniata</i> . A robust-growing variety, with singularly lacinated foliage, with large yellow flowers; one plant alone covering ten feet in diameter . . . . .	.25
<i>Pentstemon glabrum</i> . Large clusters of bright-blue flowers, shaded to the centre with lilac . . . . .	.25
“ <i>Colbillii</i> . Glossy foliage, with finely-shaped purple flowers . . . . .	.25
“ <i>Fendleri</i> . A distinct species, with narrow, lanceolate, glaucous foliage; flowers, a beautiful light-reddish purple . . . . .	.25
“ <i>gloxiniaeflora</i> . Flowers white, with rose margin; a beautiful hybrid . . . . .	.25
“ <i>hybridus</i> . Beautiful colors, improved in size and form of flower . . . . .	.25
“ <i>speciosus</i> . Deep cærulean-tinted flowers; beautiful . . . . .	.25
<i>Petunia hybrida tigrina</i> . A new section of spotted <i>Petunias</i> , entirely distinct from any other, being richly dotted and blotched with the finest shades of crimson and purple on a white ground . . . . .	.50
<i>Phygelia Capensis</i> . Large carmine; tubular flowers, inside golden yellow . . . . .	.25
<i>Primula chinensis erecta alba fl. pl.</i> Splendid double flowers; white; extra	1.00
<i>Ranunculus Asiaticus superbissimus</i> . A new class, of vigorous growth, producing almost only flowers of extreme doubleness, in the most brilliant tints of white, delicate blush-pink rose, to the brightest carmine, crimson, purple, orange, and yellow, with the advantage of flowering through the summer heat in the greatest profusion. (See cut, page 122.) . . . . .	.50

CURTIS & COBB'S CATALOGUE OF SEEDS.

	Price.
<i>Salvia Japonica</i> . Foliage dark red, with long spikes of dark blue flowers . . . . .	.50
<i>Saxifraga Cymbalaria</i> . Miniature plant, with glossy light-green foliage, covered with brilliant yellow flowers; most beautiful . . . . .	.50
<i>Silene reticulata</i> . Brilliant red, very profuse blooming; extremely showy. 2 feet . . . . .	.10
<i>Solanum Zuccagniarum</i> . Flowers white, grape-like fruits; splendid blood-red; globular formed, as large as great cherries, very effective; better adapted for cultivating in pots than <i>S. capsicastrum</i> . . . . .	.25
<i>Stipa elegantissima</i> . A beautiful species of feather-grass from Australia . . . . .	.25
<i>Stocks</i> . Tall, large-flowering, Giant German Bomb, the most perfect stock produced: its compact and gigantic habit, its long duration in bloom, render it invaluable for the garden . . . . .	.50
“ <i>Dwarf</i> . Large flowering, pyramidal, ten-week; snow white; extra . . . . .	.25
“ <i>Hybrid</i> . Ten-week, white rose, marbled, beautiful . . . . .	.25
<i>Tucsonia Van Volxemi</i> . Free bloomer; flowers of the richest scarlet; blooms very large; the finest yet introduced . . . . .	.50
<i>Tagetes patula nana aurea plena</i> . Pure golden dwarf French Marigold, very double . . . . .	.25
<i>Tagetes patula nana fistulosa aurea plena</i> . New golden dwarf quilled French Marigold, extra beautiful . . . . .	.26
<i>Tunica Saxifraga</i> , for edgings or beds, very pretty . . . . .	.10
<i>Verbena Niveni</i> . Pure white; sweet scented . . . . .	.25
<i>Viscaria elegans picta</i> . A beautiful variety, with dark crimson centre, surrounded by a bright scarlet belt, broadly margined with pure white . . . . .	.25
<i>Viola tricolor maxima</i> (Inimitable). A very large, fine flower; described as being extra, and constant from seed . . . . .	.50
<i>Wigandia Vigieri</i> . A striking novelty; the leaves are a fine bluish-green color, silvery underneath; seeds germinate easily . . . . .	.50
<i>Zea proliferum nigrum</i> . A compact bushy variety; very handsome for decorative purposes . . . . .	.25

COLLECTIONS OF FLOWER SEED OMITTED FROM THE GENERAL LIST.

<i>Balsam Dwarf Rose</i> . The flowers are densely set around the branches, almost covering the foliage. 4 varieties	1.50
“ <i>carnation striped Dwarf Rose</i> . This magnificent seedling is deserving general cultivation. See illustration page 13. 6 varieties	2.00
<i>Everlasting</i> . 12 distinct varieties	1.00
<i>Poppy large double Pæony</i> . 10 brilliant varieties	1.00
“ “ “ 8 “ “ . . . . .	.75
<i>Scabious</i> . Sweet, large flowering. 8 distinct varieties . . . . .	.75
“ <i>Double dwarf</i> . 4 distinct varieties . . . . .	.75
<i>Tropæolum Lobbianum</i> . 12 superb varieties	3.00

GLADIOLUS.

New varieties now offered for the first time in this country.

From the unbounded success attending the introduction of the New Varieties of 1868, as exhibited by us, and admired by thousands, at the Massachusetts Horticultural exhibitions during the past season, we offer these new varieties of French and Belgian Hybrids with the utmost confidence, trusting they will prove as beautiful as recommended.

	Each
Antonius. Fine spike of large, well-opened, perfect flowers, cherry-colored red, slightly tinted with orange blazed with carminate red; very fine, pure white stains; charming little plant	1.00
Argus. Long spike of large, well-opened flowers; glittering fire-red; centre and lower divisions very pure white; brilliant plant	3.50
Buffon. Long spike, covered with handsome flowers of a bright and brilliant red; very fine variety	1.50
Circe. Fine spike of large, well-opened, perfect flowers, of a fine rose slightly tinged with lilac; largely blazed with bright carmine; centre well lighted	1.75
Cornelie. Handsome spike of large, light-cherry-colored flowers; centre very transparent; bright-cherry-colored, darkening towards the border	1.75
Fenelon. Tall plant, with long and large spikes of large, well-opened flowers of a tender rose, tinged with violet, and blazed with bright carmine; very fine	2.50
Homer. Very long spikes of very large, perfect flowers, of a light amaranth, blazed with very bright purple; <i>perfection</i>	4.00
Isis. Large, perfect flowers, fire-red, with fine pure white stains	1.50
Jenny Lind. Fine long spike of handsome flowers of a tender rose, blazed with bright carminate-cherry-color; centre transparent; charming variety	2.00
Madame Desportes. Very vigorous plant; very large and wide spike; flowers very large, well opened, of a very pure white, the inferior divisions slight striped with violet; splendid variety	4.00
Madame Dombrain. Small, vigorous plant; very long spikes of large, perfect, well-inserted flowers of a carminate-violet, blazed with bright purple, well lighted in the centre; charming variety	3.50

CURTIS & COBB'S CATALOGUE OF SEEDS.

	Each.
Mary Stuart. Very vigorous plant; very long spike of large, well-opened, and well-inserted flowers; white, very slightly tinged with rose, and blazed with very bright carminate-cherry-color; (<i>perfection</i>)	4.00
Michel Ange. Vigorous; long spike of large, well-opened flowers; dark crimson, slightly blazed with brownish purple on the superior divisions; centre well lighted; white stains; first-rate variety, as well for its peculiar color as for the elegant insertion of the flowers on the spike, which make them resemble a lily	8.00
Mr. Legouve. Vigorous plant; very long and wide spikes; flowers very large, perfect, very bright fire-red; the superior divisions divided by a white line; on the inferior divisions a pure white stain; plant of grand effect	4.00
Montaigne. Very small handsome plant; very large spike of large, well-opened, well-shaped, burning, fire-red flowers	2.00
Picciola. Very handsome, vigorous plant; fine spike; flowers of a fine rose, glazed and blazed with a very bright-carminate-rose; centre well lighted; stains very large, pure white, covering completely the inferior divisions	2.00
Racine. Very fine, tall plant; very long spike of cherry-colored flowers, tinged with violet; centre white, well lighted, striped with pure white.	3.50
Romulus. Long spike of pretty, large flowers, very brilliant, brownish-red; large pure white stain; large white lines on the inferior divisions; very showy	1.50
Schiller. Very vigorous and very handsome plant; very long spike of large, well-opened sulphur-color flowers, with very large carminate-red stains	3.00
Thomas Methewen. Flowers large, well shaped, violet tinged with rose; centre well lighted, transparent; the extremity of the divisions carminate-dark-violet; very fine variety	4.00
Van Dyke. Amaranth-red, striped with white; very fine shade; vigorous, medium-sized plant	1.00
Virgile. Very long spike of fine, very striking flowers; very handsome variety	3.00

VEGETABLE SEEDS.

NOVELTIES AND SPECIALITIES FOR 1868 & 1869.

It is almost an impossibility to keep pace with the great improvement continually making in the vegetable department. We select these from the many varieties. Having proved, we can recommend them.

BEANS.

	Per pkt.
<i>Giant wax.</i> The pods are from 6 to 9 inches in length, three-fourths to one inch in breadth; perfectly delicious when cooked; as tender as Marrow.	.25
<i>Concord.</i> A hybrid between the White Cranberry and the Horticultural, combining the fine quality of the former and the productiveness of the latter; superior, both for snaps in the pod, or as a shell-bean.	
Per qt., \$1.00	.15
<i>Dwarf wax, or butter bean.</i> An abundant cropper; the pods of a waxy yellow, solid, and very tender. Per qt., \$0.75	.15

BEEF.

<i>Carter's perfection salad.</i> Perfect in form, flavor, and color; small size, delicate in texture, and sweet in flavor. The perfection of a beet for salad purposes	.25
<i>Beck's improved sea-kale.</i> A delicate esculent; quite equal to Sea-Kale	.25

BORECOLE, OR KALE.

<i>Carter's improved garnishing.</i> This will produce more than twenty varieties, many of which are worthy a place in a greenhouse, being equal in color to the Coleus; varying from rich crimson to white laced and fringed	.10
<i>Abergeldie.</i> A dwarf curled, Kale of extreme beauty, good color, delicate, mellow flavor; as double as the Extra-curled Parsley; a valuable wintergreen, and extremely handsome for garnishing	.25

BRUSSELLS SPROUTS.

<i>Dwarf cabbage.</i> Sprout variety, with a shorter stem. Per oz., 50	.10
<i>Albert sprout.</i> Coming in for use after the other varieties of Sprouts, with its mild, mellow, and fine flavor, makes it a very desirable acquisition.	
Per oz., 50	.10

CURTIS & COBB'S

Per pkt.

BROCCOLI.

- Carter's summer.* A new variety, with enormous, close, white heads25
Snow's superb white. A dwarf variety. The heads are large, white, very compact25

CABBAGE.

- Champion prize ox.* A new English variety. Very large, flat, and solid specimens of this variety have been exhibited, weighing eighty pounds . . .25
Marblehead mammoth. This variety is too well known to need recommendation25
Large short-stemmed Brunswick. A short-stemmed variety; heads, very large, flat, compact, and solid. Per oz., 5010
Burnell's King of the dwarf. Very dwarf, growing close to the ground; sweet flavored. Said to be the earliest variety grown. Per oz., 5010
Philadelphia drumhead. Solid, of fine texture, smooth-ribbed, short-stemmed, and good size, stands the heat of summer well. Per oz., 5010

CAULIFLOWER.

- Erfurt, earliest dwarf.* Very dwarf; leaves small, heads large and very firm; pure white; the best for early forcing25
Carter's dwarf mammoth. A very early hardy variety; dwarf and compact habit; head, white and firm; stands the heat of summer25

CARROT.

- Earliest French short horn.* Short root, and very early; small size, and excellent flavor. The best for forcing. Per oz., 2510
Orange intermediate. Of medium size; skin, bright orange-red; flesh orange-yellow; good flavor; will produce more weight per acre on shallow soils than any Carrot grown. Per oz., 1550

CELERY.

- Boston market.* Medium size, branching, white variety; hardy, crisp, succulent, and well flavored. Per oz., \$1.0015
Cole's crystal white. A fine variety for general use; dwarf, solid crisp, and fine flavor. Per oz., 3010
Carter's incomparable dwarf crimson. Exceedingly solid; of a deep crimson color. Per oz., 4010

CUCUMBER.

- Extra long green turkey.* A distinct variety; form long and slender; flesh firm and crisp. Per oz., 2510
Curtis's Boston prize. A black-spine variety; excellent for summer or winter forcing; growing from twenty to twenty-four inches long25

CORN.

- Curtis's ne plus ultra.* An intermediate variety; long ears, eight-rowed; very sugary; a superior variety. Per qt., 5010
Crosby's extra early. Twelve-rowed; the earliest of the large varieties. Per qt., \$1.0015

CATALOGUE OF SEEDS.

DANDELION.

Per pkt.

This culinary vegetable has become one of the most popular vegetables in our markets. As an early, healthful green, it has no equal. Our market-gardeners devote large areas of land and glass to its culture. The roots are also dried, and much used as a substitute for coffee. It will thrive in almost any description of soil: the product, however, is much larger when grown in mellow, well-enriched soil. Sow in drills half an inch deep, and twelve or fifteen inches apart. If cultivated for spring greens, or for blanching for salad, sow in May or June, thin out the plants in July, and cultivate in the usual form of cultivating other garden productions; and, in April or May of the ensuing spring, the plants will be fit for the table.

For early use, select of the bed equal to the supply required, and in November spread it rather thickly over with coarse stable-manure. Early in February, remove the litter, and protect with a hot-bed frame, or any other mode that the plants may be covered with glass, with a due inclination towards the south. Add extra protection by covering with straw or other material in intensely cold weather. Thus treated, the plants will be ready two or three weeks earlier than those in the open ground.

<i>Hatch's Market Prize.</i>	35 cts. per oz., \$4.00 per lb.	. . . . .	.10
<i>French.</i>	Large-leaved (improved)	. . . . .	.25
"	Thick-leaved (improved)	. . . . .	.25

EGG-PLANT.

<i>Guadeloupe striped.</i>	Fruit nearly ovoid; skin white, variegated with purple; very delicate for culinary purposes	. . . . .	.10
<i>Pekin black.</i>	A variety from Peking, producing very large, round fruit, weighing six to eight pounds	. . . . .	.15

LETTUCE.

<i>Curtis's summer cabbage.</i>	A fine, firm, solid lettuce; very superior	. . . . .	.15
<i>Carter's giant white Cos.</i>	The best white Cos Lettuce known as regards size, crispness, and flavor; stands the summer well.	Per oz., \$1.00 . . . . .	.10

LEEK.

<i>Musselburg.</i>	Very superior; may be grown to the weight of three and four pounds.	Per oz., 3010
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MELON.

<i>Achapesnoricher.</i>	New, hardy, ridge melon; flavor equal to those grown in a frame25
<i>Princess Alexandria.</i>	A new hybrid, of globular shape, pale-green colored flesh, with very little pulp; delicate pine-apple flavor	. . . . .	.25
<i>Jenny Lind.</i>	The smallest and earliest variety; netted and slightly ribbed; nearly round; of excellent flavor.	Per oz., .25 . . . . .	.10

CURTIS & COBB'S

Per pkt.

Orange musk. Large size, deeply ribbed, netted, and of an orange color; flesh greenest near the rind, shading to an orange or salmon color near the centre; very solid, and the best flavor. Per oz. .5010

PEAS.

Full descriptions of these will be found on page 95.

Per qt.

Carter's first crop. The earliest pea grown.75
Drew's dwarf. Extremely productive1.00
Laxton's early prolific long pod. The peas are very large, averaging ten to twelve in a pod; in sealed packets, as imported1.50
Dwarf Waterloo. The most valuable dwarf pea ever offered; of rich marrow flavor, and extremely productive. In sealed packets, as imported . 1.50
McLean's epicurean. A new early wrinkled Marrow, of delicious flavor . 1.00
Laxton's supreme. A new pea, offered this season for the first time. The editor of "The Gardener's Chronicle" says, "It is a grand pea." Pods remarkably large and full. The Royal Horticultural Society of England describe this as a "grand pea." A green Marrow, of excellent quality. It has received a first-class certificate from the Royal Horticultural Society, and every place where exhibited. It is quite as early as the Daniel O'Rourke. A great advantage in a pea of such high-class quality. The stock of this variety is very limited. In sealed packets, as imported, per 1-2 pt.; \$2.00.

PARSNIP.

Early turnip rooted. A most excellent variety for summer and fall use, well adapted for shallow soils. Per oz., 1510
Improved hollow crown. (Abbot's.) A very superior variety, with short thick, tapering roots. Per oz., 15.10

PEPPER.

Long red Arabian. A variety of the Long Red Capsicum; fruit upright, smaller than the old variety, produced in greater quantity. Per oz., 5010
Sweet mountain, or mammoth. Skin smooth and glossy, flesh thick, mild and pleasant flavor. Per oz., 5010

POTATOES.

Early rose. The earliest and most productive variety grown; full descriptions will be found in another page. Per lb., 1.00

RADISH.

Covent Garden long scarlet. The finest variety grown. Per oz., 15.10
Scarlet olive shaped. Skin fine scarlet, flesh rose color, tender and excellent; early, and well adapted for forcing. Per oz., 1510
French breakfast. A quick-growing variety; color scarlet tipped with white. Per oz., 2510

CATALOGUE OF SEEDS.

Per pkt.

TOMATO.

General Grant. See page 100 for description. 5 for \$1.0025
The Boston Prize Tomato. This is a decided improvement on the "Boston Market." The fruit is very large, firm, and solid, and is quite as early as the earliest. For productiveness it cannot be surpassed. James Dennis, gardener to Alvin Adams, Esq., reports to us as follows: "I grew every variety of Tomato last season in large quantities, but none excelled the Boston Prize Tomato." Mr. Wm. Liverage says, "It is the most productive Tomato I have ever grown. It will always command a high price and ready sale." Per oz., 75 cts., postpaid . . .15

TURNIP.

Carter's imperial hardy Swede. A decided improvement on the other varieties, being larger, the flesh firmer and excellent keeper. We have had splendid specimens of this variety sent to the store, grown the past season, and confidently recommend it. Per oz., 10, per lb., 75 cts.
Sweet German. (Syn. White French, White Swede, or Nantucket Turnip.) The sweetest of all the turnips, and entirely free from the strong turnip taste. It is an excellent root for feeding stock, milch cows, &c., and is grown extensively in Canada for that special purpose. To dairy-farmers it is invaluable as a keeper through the winter. For the table, it has no equal. Per oz., 10 cts., per lb., \$1.00.

SWEET AND MEDICINAL HERBS.

Graines de Herbes, Aromatique et Medicinale. Semilla de Yerbas, Aromatico o Medicinal. Saamen, Gewurzige und liebliche Krauter.

These are valuable for culinary and medicinal purposes, and should be found in all gardens. They are easily grown, and, when preserved by drying, are ready for use at any season of the year. Nearly all require the same treatment in drying; and one direction will answer for all. Select a sunny, dry day for cutting, and spread thinly in the shade till dry; then pack in papers, or pulverize, and keep in closely-corked bottles. See page 103.

SAGE (SALVIA OFFICINALIS).

Leaves valuable, green or dry, for seasoning soups, &c., and for medicinal uses10

SWEET MARJORAM (ORIGANUM MARJORANA).

Highly aromatic. The leaves are much used, green and dry, for flavoring stuffings, soups, &c.10

THYME (THYMUS VULGARIS).

A general favorite for the agreeable flavor imparted by the leaves to sauces, soups, &c., and is also an excellent tonic and remedy for headache10

WORMWOOD (ARTEMISIA ABSYNTHIUM).

Valuable as a vermifuge and tonic10



CYCLAMEN PERSICUM. See page 69.

Used, by permission, from the American Journal of Horticulture.

CATALOGUE OF SEEDS.

ESTIMATE OF SEEDS

TO STOCK A LARGE KITCHEN-GARDEN,

with a full supply throughout the season.

Asparagus - - -	- 2 oz.	Lettuce, four varieties - - -	2 oz.
Beans, Dwarf or Snap - - -	3 qts.	Melons, assorted - - -	4 "
" Horticultural Pole - - -	1 "	Nasturtium - - -	1 "
" Large Lima - - -	1 pt.	Okra, dwarf - - -	2 "
" Small Lima - - -	1 "	Onion, two varieties - - -	4 "
" English Long-pod - - -	1 "	Parsley, extra curled - - -	1 "
Beet, early and late - - -	6 oz.	Parsnip, Abbot's Improved - - -	2 "
Borecole, or Kale - - -	1 "	Peas, Carter's first crop - - -	1 qt.
Broccoli, early and late - - -	$\frac{1}{2}$ "	" Daniel O'Rourke - - -	1 "
Brussell Sprouts - - -	$\frac{1}{2}$ "	" Tom Thumb - - -	1 "
Cabbage, early variety - - -	1 "	" Blue Imperial - - -	1 "
" Late Drumhead - - -	2 "	" Missouri Marrowfat - - -	1 "
" Savoy Marcellins - - -	$\frac{1}{2}$ "	" Champion of England - - -	1 "
" Red, for pickling - - -	$\frac{1}{2}$ "	" " " Scotland - - -	1 "
Carrot, two varieties - - -	4 "	Radish, early and late - - -	6 oz.
Cauliflower, Early Paris - - -	$\frac{1}{4}$ "	Rhubarb - - -	1 "
" large late - - -	$\frac{1}{4}$ "	Salsify, or Oyster-plant - - -	2 "
Celery, two varieties - - -	1 "	Spinach, round - - -	2 "
Corn Salad - - -	2 "	" prickly - - -	2 "
Corn, Sweet Narraganset - - -	1 pt.	Squash, Early Bush - - -	1 "
" Curtis's <i>ne plus ultra</i> - - -	1 qt.	" Boston Marrow - - -	2 "
" Burr's Improved - - -	1 "	" Hubbard - - -	1 "
" Stowell's Evergreen - - -	1 "	Tomato, two varieties - - -	$\frac{1}{2}$ "
Cucumber - - -	1 oz.	Turnip, Purple-top, Strap-leaved - - -	2 "
Cress, or Pepper Grass - - -	1 "	" Sweet German - - -	1 "
Egg-plant, large purple - - -	$\frac{1}{4}$ "	" Carter's Imperial Swede - - -	1 "
" Pekin Black - - -	1 pkt.	Pepper, Sage, Sweet Marjoram,	
Endive, Green curled - - -	1 oz.	Thyme, Lavender, Summer	
Kohl Rabbi - - -	1 "	Savory, Sweet Brazil, Dan-	
Leek, Musselburgh - - -	1 "	delion, 1 paper each.	

The above assortment will cost *twenty* dollars, one-half *ten* dollars, one-fourth *five* dollars.

N.B. — Any article above specified, if not required, will be excluded, and additional quantities of others included, according to the wish of the purchaser.





DWARF PEABODY PEAS. See page 45.

VEGETABLE SEEDS.

Many varieties of Vegetable Seeds, familiar to our patrons, and omitted from this list, are superseded by new and improved varieties. To those who prefer the former, we can still supply the various sorts, though not catalogued. New varieties of last season, already proved, and those offered for the first time this season, are worthy of attention. While we are anxious to obtain for our patrons every novelty or speciality, we are also careful in selecting them from the most reliable growers in America or in Europe.

It is useless to expect good crops from bad culture or a barren soil.

☞ When Peas, Beans, or Corn are ordered by mail, 16 cents per quart must be sent, in addition to catalogue price, to prepay postage.

ARTICHOKE (CYNARA SCOLYMUS).

German, *Artischoke*. French, *Artichaut*. Spanish, *Alcachofa*.

The artichoke may be propagated either by seeds, or suckers from established plants. If by slips, early in spring. Sow the seeds in April, in a bed of good, rich earth, in drills one inch deep and about twelve inches apart, and transplant the following spring to a permanent place, either in beds or drills. Plants should stand two feet apart each way: they require a deep, rich, moist loam, and should be protected with leaves or straw during winter.

Artichoke, large globe. A very large sort, and generally cultivated.

Heads or buds large, nearly round, and with a dusky-purplish tint. Per pkt., 10 Per oz. .60

“ **large Laon.** From Paris; new. Per pkt.10

“ **Jerusalem.** It is propagated by planting the tubers, divided in sections, as is generally practised with the potato. These may be set in spring or autumn, and should be covered about three inches deep. Per lb.10

ASPARAGUS. (ASPARAGUS OFFICINALIS).

German, *Spargel*. French, *Asperge*. Spanish, *Esparrago*.

Sow the seed in the fall or early in spring, one inch deep and three or four inches apart, in rows one foot apart. When one or two years old, they may be transplanted into permanent beds, the plants placed a foot apart in each direction, and at least four inches beneath the surface.

Asparagus, giant purple top. Grayson's. Sprout, white; as it breaks ground, purple; grows to a good size. Per pkt., 5. Per oz. .10

“ **green top.** Grown the same as Giant Purple Top: it is generally smaller. Per pkt., 5 Per oz. .10

ENGLISH BEAN (FABA VULGARIS).

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

Sow as early as the ground will admit, in rows two feet apart, and three inches apart in the rows. They will come sooner into bearing, and increase their production, if the tops of the plants are pinched off as soon as they are in full bloom. Succeed best in a deep, strong, loamy soil.

Early mazagan.	This variety is one of the hardest in cultivation.	3 feet high.	Per qt.
		Per $\frac{1}{2}$ pint, 10	.35
Long-podded.	Remarkably productive, and a few days later than the Mazagan.	3 feet.	Per $\frac{1}{2}$ pint, 10
			.35
Broad Windsor.	Extensively cultivated, remaining fit for use longer than any other variety.	2 feet.	Per $\frac{1}{2}$ pint, 10
			.35
Green Windsor.	Branching and erect-growing; retain their fresh green color for a long period.	3 feet.	Per $\frac{1}{2}$ pint, 10
			.35

BEANS, DWARF OR BUSH (PHASEOLUS VULGARIS).

German, *Bohne*. French, *Haricot*. Spanish, *Frijolena*.

Drop the beans three inches apart, in rows two and a half feet apart; plant in light rich soil; hoe often, never when the vines are wet, or they will rust. All varieties of beans are sensitive to frost and cold, and should not be planted before the middle of spring. As they require but about six weeks to make green pods, they can all be sown as late as July or August.

Early yellow six-weeks.	Excellent for string or shell; one of the earliest.	Per $\frac{1}{2}$ pint, 12	.40
Fegee.	Very early; fine for forcing.	Per $\frac{1}{2}$ pint, 15	.40
Valentine.	Long, tender pod; an excellent string-bean.	Per $\frac{1}{2}$ pint, 15	.40
Mohawk.	Early, productive, and very hardy.	Per $\frac{1}{2}$ pint, 15	.40
China.	Red eye; one of the most productive.	Per $\frac{1}{2}$ pint, 15	.40
White marrow.	An excellent shell-bean; valuable, when dry, for baking.	Per $\frac{1}{2}$ pint, 10	.40
Red bush-cranberry.	One of the best string-beans.	Per $\frac{1}{2}$ pint, 15	.50
Refugee, or thousand to one.	A favorite string-bean; very productive.	Per $\frac{1}{2}$ pint, 12	.40
White kidney, or royal dwarf.	Late and productive.	Per $\frac{1}{2}$ pt., 15	.40
Dwarf horticultural, or zebra.	Excellent, green or dry.	Per $\frac{1}{2}$ pint, 15	.50
Dwarf wax, or butter beans.	The pods a waxy yellow, solid, very tender.	Per pkt., 20	.75
Turtle soup.	Esteemed, when dry, for cooking.	Per $\frac{1}{2}$ pint, 10	.30

BEANS, POLE OR RUNNING (PHASEOLUS VULGARIS).

German, *Stanger Bohne*. French, *Haricots a rames*. Spanish, *Judias*.

These are less hardy than the dwarfs, and are not usually planted so early in the season. Plant in hills, three or three and a half feet apart, with a stake or pole to run upon.

London horticultural, speckled cranberry, or wren's egg.	An excellent variety; may be used as a snap, or shelled, as the Lima; very productive.	Per $\frac{1}{2}$ pint, 15	.50
Red cranberry.	One of the most familiar of garden beans; excellent as a string or snap bean.	Per $\frac{1}{2}$ pint, 15	.50

- White cranberry.** Similar to the preceding, but not as hardy. One of the best of all varieties for general cooking. Per $\frac{1}{2}$ pint, 15. 50
- White case-knife.** The most prolific of the running varieties. As a shelled bean, it is of excellent quality; and, when ripe, farinaceous and well-flavored in whatever form prepared. Per $\frac{1}{2}$ pint, 15. 50
- Indian chief, or wax.** One of the best varieties for general cultivation; pods, creamy yellow; fine for snaps. Per $\frac{1}{2}$ pint, 20. 75
- Giant wax beans.** Recently introduced; of a robust growth, and very productive; the pods are 6 to 9 inches in length, broad, and, when fit for use, of a pale-yellow or wax-like color; when cooked, tender and truly delicious. In pkts. containing about 100 seeds, 20 cts.
- Concord.** A new variety; a hybrid between the White Cranberry and the Horticultural, combining the fine quality of the former with the productiveness of the latter; superior, both for snaps in the pod or as a shell-bean. Per pkt., 15. 1.00
- White California long-pod.** One of the earliest, best, and most productive varieties grown; pods round, 10 to 12 inches in length; as a snap, shell, or baking bean, not to be excelled. Per $\frac{1}{2}$ pint, 15. 50
- Large Lima.** This bean is very susceptible of cold and wet, and apt to rot in the ground, and should not be planted until the season is favorable, and the ground warm,—about the last of May or first week in June. Per $\frac{1}{2}$ pint, 20. 75
- Small Lima, Carolina, Sieva, or Saba.** One of the most productive varieties. Similar to the Lima, and as delicate and rich-flavored. . 75

BEANS, FLOWERING RUNNERS (PHASEOLUS MULTIFLORUS).

German, *Grosse Bunte Bohne*. French, *Haricot d'Espagne*. Spanish, *Judia Vastago d'España*.

- Scarlet-runner** is cultivated for the beauty of its flowers; fine for covering arbors, trellises, &c.; an excellent snap-bean. Per pkt., 10. 60
- White-runner.** A variety of the Scarlet-runner. The flower and seeds, pure white. Often seen in our markets under the name of Lima, from which they may be distinguished by their greater thickness and more rounded form. Per pkt., 10. 60
- Painted lady.** A sub-variety of the Scarlet-runner, with variegated flowers; the upper petals being scarlet, the lower white. Per pkt., 10. 60

BEEET (BETA VULGARIS).

German, *Runkle Rube*. French, *Betterave*. Spanish, *Betaraga*.

For early use, sow the seed in April, as soon as the soil can be worked. For use in autumn, the seed should be sown about the middle of May; and for the winter supply, about the middle of June or first of July. Spade or fork the soil deeply and thoroughly over; rake the surface smooth and even; and draw the drills across the beds fourteen inches apart, and about an inch and a half in depth. Sow the seeds thick enough to secure a plant for every two or three inches, and cover to the depth of the drills. When they are two inches in height, thin to five or six inches apart. The after-culture consists in keeping the plants free from weeds, and the earth, in the spaces between the rows, loose and open, by frequent hoeing.

- Extra early (SIMON'S).** An improvement on the Bassano; uniformly smooth; of a blood-red color; turnip-shaped; valuable for the market-gardener. Per pkt., 5 cents. 15

	Per oz.
Early flat bassano. From seven to ten days earlier than the Early Turnip Blood. Flesh white, circled or zoned with bright pink ; very tender and juicy. Per pkt., 5 . . . . .	.15
“ turnip blood. One of the best varieties for general use. Flesh, deep blood-red ; remarkably sweet and tender. Per pkt., 5 . . . . .	.15
Dwarf blood. A French variety. It may be classed as one of the best table beets, and is well worthy of cultivation. Per pkt., 5 . . . . .	.15
Long smooth dark blood. An improved variety of the common Long Blood. Flesh dark blood-red, sweet, tender, and fine grained, with few side roots ; fine winter beet, if sown late. Per pkt., 5 . . . . .	.15
Henderson's pineapple. Short top, medium size. Flesh deep blood-red, fine-grained, sweet, and of excellent quality. Per pkt., 5 . . . . .	.20
Carter's St. Osyth. Medium-sized, good shape, short top, deep blood-red color ; fine flavor. Per pkt., 5 . . . . .	.20
“ perfection salad. New ; is perfect in form, flavor, and color ; it is a small-size, short-top variety, delicate in texture and sweet in flavor ; even growth and dark foliage. This is the perfection of a Beet for salad purposes. Per pkt., 25.	
White sugar. A large variety, grown extensively for feeding stock ; the young roots are tender, sweet, and well-flavored. Per pkt., 5 . . . . .	.10
Swiss chard, or silver. Sometimes called Sea-Kale Beet ; is cultivated for its leaf-stalks and for its leaves ; cooked as Spinach. Per pkt., 5 . . . . .	.15
New perpetual spinach. Leaves large, of good color ; flavor superior to Spinach, for which it is used as a substitute. In use the whole season. Per pkt., 5 . . . . .	.20
Beck's improved sea-kale. A delicate esculent ; quite equal to Sea-Kale. Per pkt., 25.	

BORECOLE, OR KALE (BRASSICA OLERACEA ACEPTALA).

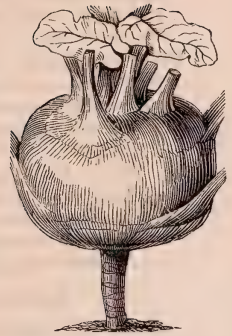
German, *Blatter Kohl*. French, *Chou vert*. Spanish, *Breton*.

Sow in the open ground, in May. In transplanting, treat the plants same as young cabbages, setting them more or less remote, according to the size or habit of the variety ; requires a light rich soil.

Green curled Scotch. One of the most popular varieties ; very hardy, and much improved by frost. Per pkt., 10 . . . . .	.25
Dwarf curled kale, or German greens. A very hardy and comparatively low-growing variety ; leaves finely curled. Per pkt., 10 . . . . .	.25
Tall green curled. A fine hardy and productive variety ; height, two and a half feet. Per pkt., 10 . . . . .	.25
Cottager's kale. An English variety ; exceedingly hardy, of excellent flavor, and very productive. Per pkt., 10 . . . . .	.25
Carter's improved garnishing. This will produce more than twenty varieties, some of which are worthy of a place in a greenhouse, being quite equal in color to the new Coleus ; varying from rich crimson to white-laced and fringed. Per pkt., 10.	
Ragged jack. A fine English variety. Per pkt., 10.	
Abergeldie kale. A dwarf curled kale, of extreme beauty, good color, delicate, mellow flavor ; as double as a fine curled Parsley ; a valuable winter-green, and extremely handsome to garnish. Per pkt., 25.	



BRUSSELL SPROUTS. See page 81.



KOHL RABBI. Page 89.



MARBLEHEAD MAMMOTH DRUMHEAD CABBAGE. See Page 82.



MASON CABBAGE. Page 82.



STONE MASON CABBAGE. Page 82.

BRUSSELS SPROUTS (BRASSICA OLERACEA VAR.)

Per oz.

German, *Kopf, Kohl, Gruner.* French, *Chou de Bruxelles.*

Cultivated for the small heads; produced in great numbers on the main stem of the plant, and are in perfection in the autumn. They are tender; of fine flavor after early frosts. Sow in seed-beds in May; transplant two feet apart.

- Dwarf cabbage.** Sprout variety, with a shorter stem; sprouts somewhat larger and closer set than the old variety. Per pkt., 1050
- Roseberry.** A superior English variety. Per pkt., 1035
- The Albert sprout.** This is a hybrid between the Drumhead Savoy Cabbage and the Brussels Sprouts. It comes in after the other varieties of the Sprout. The flavor, after cooking, is mild, mellow, and very fine. Per pkt., 10.50
- New feather-stem Savoy.** A true hybrid, of the growth and habit of Brussels Sprouts. A delicious vegetable, requiring same treatment as Brussels Sprouts. Per pkt., 1035

BROCCOLI (BRASSICA OLERACEA BOTRYTIS).

German, *Brocoli, Spargel-kohl.* French, *Chou Brocoli.* Spanish, *Brocoli.*

The seeds should be sown in hotbeds in April, or in open ground in May, in a very deep, rich soil. Transplant in June or July, when the weather is moist, in rows two feet apart, and twenty inches in the row. Keep them clear of weeds by hoeing and stirring the ground, and in earthing up slightly from time to time about the stem.

- Carter's Summer.** A new variety, with enormous, close, white heads. This variety is very distinct from all others. Per pkt., 25.
- Early purple Cape.** This has a close, compact head, of a purple color. Hardy, and of excellent flavor. Per pkt., 1060
- White Cape.** Later than the preceding, and should be planted here, at the North, early in April. The heads, when perfected, are large, white, and compact. Per pkt., 1060
- Chappell's large cream-colored.** A very large and fine sort; flower, cream-yellow; very early. Per pkt., 1060
- Snow's superb white winter.** A dwarf variety. The leaves are broad, with short stems; the heads are large, white, very compact. Per pkt., 253.00
- Walcheren.** So closely resembling a cauliflower as to be scarcely distinguishable from it. The leaves are more curled, and it is hardier. Per pkt., 1075
- Grange's autumn.** A fine fall variety; close, compact head. Per pkt., 10 .75
- Carter's champion.** Dwarf, compact-growing, large-headed; the best late variety in cultivation. Per pkt., 25.
- Elletson Mammoth.** A new English variety; very large. Per pkt., 10 .60

CABBAGE (BRASSICA OLERACEA CAPITATA).

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

For early use, sow in hotbeds in February or March; and for winter, in the open ground in May or June. When five or six inches high, transplant to from twelve to thirty inches apart. The ground must be rich, or made so by a good coat of manure. Digging or ploughing deep is very essential.

	Per oz.
Burnell's king of the dwarf. Very dwarf, growing close to the ground. Said to be the earliest cabbage grown. Sweet flavored.	
Per pkt., 10 . . . . .	.50
Kemp's incomparable. A very superior early variety; compact form.	
Per pkt., 10 . . . . .	.40
Early Schweinfurth. Very remarkable for earliness and size; very crisp and delicious flavor. The best of all the varieties for sour-kraut.	
Per pkt., 10 . . . . .	.50
Cannon ball. Round head; early; very solid.	Per pkt., 25.
Early York. An early market sort; one of the most popular of all the kinds cultivated.	Per pkt., 525
“ Wakefield. Similar in form to the Early York, nearly as early; good size; a favorite with market-gardeners.	Per pkt., 1030
“ drumhead, or Battersea. A round, flat-headed variety, of excellent quality; one of the latest among the early sorts.	
Per pkt., 5 . . . . .	.25
Large York. A larger variety than the Early York. The head is broader, more firm, and solid; a favorite at the South, and bears the heat well.	Per pkt., 535
“ late drumhead. Heads very large, flattened a little at the top, close and firm; very hardy, and keeps well for a winter cabbage.	
Per pkt., 5 . . . . .	.25
“ French oxheart. A French variety, taking the place of many others, as it comes in after the Early York; tender, forms its head readily, and is well-flavored.	Per pkt., 1040
Little Pixie. A small, delicate-flavored variety; one of the earliest and best; very solid head.	Per pkt., 1040
Large Bergen. Head remarkably large, round, flattened at the top, compact; one of the largest and latest of all the cabbages. It is a popular market sort. Plant three feet apart.	Per pkt., 1040
Stone-mason. Is characterized for its sweetness, and its reliability for forming a solid head; an excellent variety for extreme northern latitudes.	Per pkt., 1040
Mason's drumhead. Large, round, solid heads; a popular market cabbage.	Per pkt., 1040
Marblehead mammoth drumhead. One of the largest of the Cabbage family; produced from the Mason or Stone-mason; in good soil, with proper culture, will average 30 to 40 lbs. per head.	Per pkt., 25. 1.00
Pomeranian. An intermediate variety; pointed heads, of medium size; very solid, tender, and well-flavored.	Per pkt., 1030
Premium flat Dutch. A low-growing variety; heads large, bluish-green, round, solid, broad and flat on the top. As a winter variety, it has no superior.	Per pkt., 1040
Red Dutch, or pickling. Used mostly for pickling; medium size, oblong shape, and very solid; of a deep-red color.	Per pkt., 1035
Winnigstadt. A German variety; similar to the Oxheart, but more regular; conical; heads very full and solid; an intermediate variety, which comes in after the Early York; one of the best for general cultivation	Per pkt., 1040

- Large short-stemmed Brunswick.** A very useful acquisition for market-gardeners; heads, very large, flat, compact, and solid; highly recommended. Per pkt., 10 50
- Robinson's champion prize ox.** A new English variety, of the Drumhead species. Very large, flat, and solid specimens of this variety were exhibited at the Royal Agricultural Society, England, weighing eighty pounds; worthy of a trial. Per pkt., 25. 1.00

SAVOY.

Should be sown early, and, when the plants are six inches high, transplant out, to three feet apart. The Savoys have more of the richness of the Cauliflower than the Cabbage.

- Early dwarf.** New; a very early French variety; small heads, very firm. Per pkt., 10 40
- Marcelin's Savoy.** A low grower. The leaves are dark green, finely wrinkled and curled. The head is round, compact, and excellent quality. Per pkt., 10 40
- Drumhead Savoy.** Head large, round, compact, yellowish at the centre. Form of the common Drumhead. Excellent for winter. Per pkt., 10 . 40
- Green globe, or curled Savoy.** One of the best of the Savoys. Medium size; does not make as firm a head as some; very tender. Per pkt., 10 40
- Early dwarf ulm.** Heads small, round, solid; of a fine deep-green color; of first-rate quality; valuable for small gardens. Per pkt., 10 . 50
- New sprouting dwarf ulm.** A miniature Brussels Sprout, with Ulm Savoy head. Cut the head for early use; the sprouts are invaluable in the spring. Per pkt., 25.

CAULIFLOWER (BRASSICA OLERACEA BOTRYTIS).

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

The season for sowing, for the early spring or summer crop, is between the 8th and 20th of September; and for the autumn crop, about the 1st of April. The plants, as soon as they are two or three inches high, should be planted out in a bed of light rich soil, three inches apart each way, to grow firm and stocky, to remove to their final place of growth. Lift the plants with a trowel, from where they were transplanted, and plant eighteen inches apart each way. The frame should be surrounded with straw or litter of some kind, also the glass or shutters should be covered with mats or dry straw in severe weather; observing to give plenty of air on mild and pleasant days, to prevent the plants from drawing. For a late autumn crop, they require no particular care or skill, and not much labor, simply keeping them free from weeds, and the ground stirred frequently. To prevent the flower from scorching, break a few of the inner leaves, and fold over.

- Erfurt, earliest dwarf.** The best in general cultivation for early forcing and open ground; very dwarf; leaves small, heads large and very firm; pure white. Per pkt., 25 3.00
- Half-early Paris.** Heads rather large, white, and compact; leaves large, stalk short; a very early sort; plant in spring. Per pkt., 15 . 1.25
- Early London.** A well-known variety; good for general use. Per pkt., 10 . 75
- Early Dutch.** An intermediate variety, coming in after the above; heads large, white, and compact; fine. Per pkt., 10 75

	Per oz.
Carter's, dwarf mammoth. A very early hardy variety, of dwarf and compact habit, with a firm, white head; larger than the Walcheren; stands dry weather well. Per pkt., 25 . . . . .	.300
Large Asiatic. A large, well-known variety. Per pkt., 10 . . . . .	.75
Walcheren. A very early variety, with close, compact head. Per pkt., 10 . . . . .	.75
Lenormand's. Heads large, compact, and fine flavor; a superior variety. Per pkt., 25	1.50
“ short stemmed. A new French variety; extra. Per pkt., 50 . . . . .	.500
Large white French. An excellent variety, coming in after the earliest sorts. Per pkt., 10 . . . . .	.75
Waite's Alma. A variety of large size, and very firm. Per pkt., 15	1.25

CARROT (*DAUCUS CAROTA*).

German, *Mohre*. French, *Carotte*. Spanish, *Zanahoria*.

The ground should be stirred to the depth of twelve to fifteen inches, incorporated with a liberal application of well-rotted manure, pulverizing the soil in the operation. The seed may be sown from the 1st of April to the 20th of May: early sowing succeeds best. The drills should be one inch in depth, and from twelve to fifteen inches apart. The plants should stand from four to five inches apart.

- Earliest French short horn.** Short root; a very early variety; small size and excellent flavor. Fine for forcing. Per pkt., 1025
- Earliest English short horn.** Similar to the above, except it has a tapering root. Per pkt., 1025
- Early horn.** A very early variety; as a table Carrot is much esteemed. As the roots are short, it will grow well on shallow soils. Per pkt., 5. .20
- Orange intermediate.** Size, medium; skin, bright orange-red; flesh, orange-yellow; sweet, well-flavored, and will produce more weight per acre than any other Carrot grown; fine for shallow soils; keeps well. Per pkt., 515
- Long orange.** A well-known standard sort. Roots long, thickest at or near the crown, tapering regularly to a point; one of the best for table or field-culture; requires a very deep soil. Per pkt., 515
- Improved long orange.** Similar to the above in form, but larger, and of a deeper color; one of the best for general cultivation. Per pkt., 5. .20
- Altringham.** Flesh, bright and lively; crisp and breaking in its texture; an excellent variety for stock. Per pkt., 515
- Improved white green-top.** Improved variety of the white Belgium Carrot, with shorter and much larger roots; perfectly smooth, cylindrical, and regularly tapering to a rather stump point. It is easily pulled out; will be found to yield large crops. Per pkt., 5.15

CELERY (*APIUM GRAVEOLENS*).

German, *Seleri*. French, *Celeri*. Spanish, *Apio*.

The seed should be sown in hot-beds in March, or in the open ground about the first of May. When sown in the open ground, it vegetates very slowly, often remaining in the ground several weeks before it comes up. As soon as the young plants are about three inches high, prepare a small bed in the open ground, and make it rich, and the earth fine. Here set

out the plants, for a temporary growth, placing them four inches apart. In this bed the plants should remain till the beginning or middle of July, when they should be removed into trenches a foot or fifteen inches deep, and a foot wide, and five feet apart. At the bottom of the trench put some good, rich, but well-decomposed manure, covering the manure with four inches of earth; then take up the plants from the temporary bed, and set them out carefully in the bottom of the trenches, six or eight inches apart. The system adopted by the market-gardeners of Boston is to well-manure the ground, and plant in rows on the surface, four feet apart, setting the plants in rows, as previously recommended; when well-matured, ridge up the plants with soil, being careful not to cover the Celery when in a wet or damp state.

Per oz.

- White solid.** Strong-growing variety; clear white, solid, and crisp; one of the best for market use. Per pkt., 1030
- Seymour's superb white.** A large, vigorous-growing variety; stalks white, round, very crisp, and perfectly solid. Per pkt., 1030
- Boston market.** A medium-sized, branching, white variety; hardy, crisp, succulent, and well-flavored; much grown by market-gardeners about Boston. Per pkt., 151.00
- Cole's crystal white.** A fine variety for general use; dwarf, solid, crisp, and fine-flavored. Per pkt., 1030
- " superb dwarf red.** One of the best; dwarf, crisp, and fine-flavored. Per pkt., 1035
- Sealey's leviathan.** A very large, solid, white variety; highly recommended. Per pkt., 1035
- Laing's improved mammoth red.** This is considered the largest variety yet produced, under good cultivation having attained the extraordinary weight of eight to ten pounds; perfectly solid; color, bright-red; flavor, unsurpassed, if equalled. Per pkt., 1035
- Nonesuch red (IVERY'S).** A very late variety, remaining fit for use late in the spring; walnut-flavor; solid and crisp. Per pkt., 1035
- Turner's incomparable.** Dwarf white variety, of stiff, close habit; solid, crisp, and juicy; highly recommended. Per pkt., 1035
- Goodwin's.** A new white variety; very solid. Per pkt., 1540
- Dwarf white.** Self-branching. Per pkt., 1040
- Carter's incomparable dwarf dark crimson.** This is a variety highly recommended; of very dwarf habit; exceedingly solid; of a deep crimson color. Per pkt., 1040
- Turnip-rooted (CELERIAC).** A sort of bulb; flesh, white and fine-grained. Per pkt., 530
- Soup celery seed.** For flavoring soups, &c. Per lb., \$1.0015

CHERVIL (SCANDIX CERIFOLIUM).

German, *Gartenkerbel*. French, *Cerfeuil*.

Sow in March, April, and May, in drills about a quarter of an inch deep, and nine inches apart. Cover lightly, and press the soil firm; rake evenly, and give a gentle watering in dry weather. The leaves are fit for use when two to four inches high. Cut them off close; they will come up again, and may be gathered throughout the season.

Chervil. Per pkt., 1025

CHICORY (CICHORIUM INTYBUS).

Is much used in Europe as a substitute for coffee. It may be raised to good advantage, as its culture is simple. In the fall, the roots require to be taken up, and cut in small pieces, and put where they will dry. When required for use, it should be roasted and ground like coffee. Requires similar treatment to Carrots.

Large-rooted, for coffee. Per pkt, 1020

CORN (ZEA MAYS).

German, *Welschcorn*. French, *Mays*. Spanish, *Mays*.

Early dwarf sugar. A dwarf variety; a valuable sort for early use; well adapted to small gardens. Per pkt, 1540

Darling's extra early sugar. Early, very tender, and sugary; yields well, produces little fodder, and is one of the best sorts for early use, as it seldom, if ever, fails to perfect its crops. Per pkt, 1030

Red cob sweet (NARRAGANSET). Medium, early, quality good, cob red; kernels large. Per pkt., 1030

Crosby's, or Boston market. An early variety, twelve-rowed, the earliest of the large varieties. Per pkt., 101.00

Burr's improved sweet. The ears are from twelve to sixteen rowed, and, in good soils and seasons, often measure eight or ten inches in length, and nearly three inches in diameter; cob, white; hardy, productive, tender, and sweet. Per pkt., 1030

Curtis's ne plus ultra. Intermediate variety; long ears, eight-rowed; very sugary. Per pkt., 1030

Stowell's evergreen sweet. This variety is late in its season, and, if planted with the earlier kinds, will keep the table supplied till September. It is hardy and productive, very tender and sugary, remaining a long time in a fresh condition; very reliable for a late crop, if sown about the first of July. Per pkt., 1030

Golden sweet. A hybrid between the Common Yellow and Darling's Early; quite tender and sweet, but less sugary than most of the sweet varieties. Per pkt., 1035

Old Colony sweet. A remarkably sweet and delicious sort, with twelve to twenty rowed ears; one of the best. Per pkt., 1050

Nonpareil, or pop-corn. A fine parching variety. Per pkt., 10 . . .30

(Other Varieties, for Field Culture, at market price.)

CRESS, or PEPPERGRASS (LEPIDIUM SATIVUM).

German, *Kresse*. French, *Cresson*. Spanish, *Mistruco*.

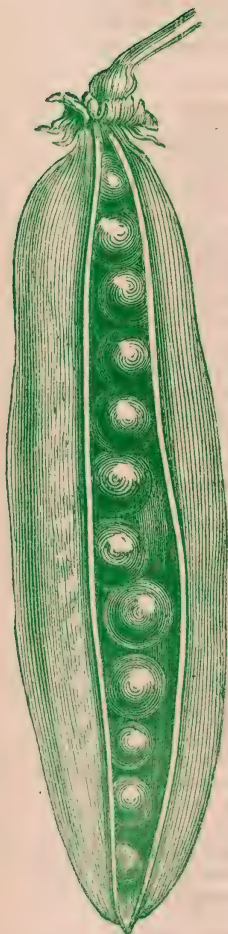
Sow rather thick, in shallow drills, and at short intervals during the season. The Water-cress requires to be grown on the edge of a running stream or brook, where it does not freeze too hard during the winter. The leaves, while young, have a warm, pungent taste; and are eaten as a salad, either separately, or mixed with Lettuce or other salad-plants.

Curled. A well-known variety for salads. Per pkt., 510

Broad-leaved. A variety with broad leaves. Per pkt., 510

Water. An aquatic plant, with small, oval leaves and prostrate habit. The leaves are used and eaten as an early spring salad. Per pkt., 10 . .50





LANTON'S EARLY LONG-POD
PEA. See page 95.



EARLY CLUSTER CUCUMBER.
See page 87.



WHITE-SPINE CUCUMBER.
See page 87.



EARLY FRAME CUCUMBER.
See page 87.



MANCHESTER PRIZE CU-
CUMBER. See page 88.

CORN SALAD, or FETTICUS (VALERIANA LOCUSTA). Per oz.

German, *Lammersalat*. French, *Mache*. Spanish, *Canonigos*.

An annual plant, cultivated for its tender leaves; esteemed as a winter and early-spring salad. The seed is sown in shallow drills, early in September. On approach of winter, cover the plants lightly with straw. Per pkt., 515

CUCUMBER (CUCUMIS SATIVUS).

German, *Gurke*. French, *Concombre*. Spanish, *Cohombro*.

Culture in the open air is of the simplest character. Dig out a hole about eighteen inches wide and one foot deep; fill it three-fourths full of thoroughly decomposed manure; raise it above the surface about six inches. The hills should be six feet apart each way. Any time in May, sow a few seeds therein; cover half an inch deep, and press the earth smoothly over with the back of the hoe. Frequently a little bug preys upon the tender leaves; soot and wood-ashes sprinkled over them, while wet with the dew, will retard the progress of the depredator. When all danger from bugs and worms is past, thin out, leaving but three or four of the strongest plants on each hill. That the amateur cultivator may have them early for family use, prepare a frame, following the instructions laid down for hotbeds. After the beds are in order, put in a quantity of good, light, rich loam. In two or three days, the earth will be sufficiently warm for sowing the seeds. If the plants are to be removed into other frames, sow them in pots; if not, sow them in a hill made in the centre of the bed. Cover the sash at night with straw mats, or any similar protection, and surround the beds with litter or boards, to protect it from the piercing winds. The seeds vegetate quickly, and soon grow into strong plants. During their growth, admit air every day at the back of the frame, giving as much light as possible to the young plants. Give them water in the forenoon, which has been kept in the bed during the night that it may be in a warm state. The requisite temperature of the bed at night, from 65° to 75°; day, 75° to 100°.

- Early Russian.** Resembles, in some respects, the Early Cluster. Fruit from three to four inches long, generally produced in pairs. Flesh tender, crisp, and well-flavored. Ten days earlier than the Early Cluster. Per pkt., 1025
- Early cluster.** A popular early Cucumber, producing its fruit in clusters near the root of the plant. Skin, prickly; flesh white, seedy, tender, and well flavored. Per pkt., 515
- Early frame.** A standard variety. Fruit, straight and well-formed; flesh greenish-white, tender, and of an agreeable flavor. Per pkt., 5 . . .15
- Early white spine.** The fruit is full medium size, straight, and well-formed; skin, deep-green; prickles, white; flesh white, tender, crispy, and remarkably fine flavor; very productive. Per pkt., 515
- Long green prickly.** This is a large-sized variety, and somewhat later than the White Spine; skin dark green, changing to yellow as the fruit approaches to maturity; flesh white, crisp, and tender; hardy and productive. An excellent variety for pickling. Per pkt., 5 . . .20
- Extra long green turkey.** A distinct and well-defined variety. Per pkt., 1025
- New-Jersey hybrid.** An improvement on the old White Spine; very productive. Per pkt, 1050
- West-India gherkins.** Used only for pickles. Per pkt., 1550
- English gherkins.** Fine for the table or pickles. Per pkt., 1050

ENGLISH FRAME CUCUMBERS.

Varieties best adapted for forcing. Each, per packet, 25 cts.

These are deserving a more extended cultivation. The varieties are very choice, and, when once introduced, become general favorites.

Curtis's Boston prize. A very superior, black-spined variety; fine flavor, solid flesh.
General Grant.
Cuthill's black spine.

Manchester prize.
Minster Abbey.
Sion House Improved.
Gladiator.
Pike's defiance.

And many other varieties.

DANDELION (LEONTODON TARAXACUM).

German, *Löwenzahn*. French, *Dent de Lion*. Spanish, *Dent de Leon*.

The Dandelion will thrive in almost any description of soil. The product, however, is much larger when grown in mellow, well-enriched soil. Sow in drills half an inch deep, and twelve or fifteen inches apart. If cultivated for spring greens, or for blanching, for salad, the seed must be sown in May or June. Thin out the plants in July, and cultivate in the usual form; and, in April or May of the ensuing spring, the plants will be fit for the table.

Hatch's market prize. Per pkt., 1035

EGG-PLANT.

French, *Aubergine*. German, *Cierpfanze*. Spanish, *Berengena*.

Sow thickly on a hotbed for early crops, or early in the spring, in a warm, sheltered, dry situation, in open ground, where they can be protected by hand-glasses. When the plants are three or four inches high, and the warm weather has set in, transplant them into well-enriched ground, about thirty inches apart each way. Draw earth to the plants as they advance in growth. At the South, it is called "Guinea Squash."

- Early long purple.** The earliest and most productive. Fruit long, and of superior quality. Per pkt., 1050
- Improved New-York purple.** This variety is generally cultivated. It grows to a large size; oval shape, and dark-purple color. A superior market variety. Per pkt., 1075
- Guadaloupe striped.** Fruit nearly ovoid, smaller than the Long Purple; skin, white and variegated with purple; very delicate for culinary purposes. Per pkt., 10
- Pekin black.** A new variety, from Pekin, producing very remarkable, large, round fruit, weighing six to eight pounds each. Per pkt., 25.
- New green.** A giant variety, from Thibet, the fruit attaining above a foot in length. Per pkt., 25.
- White ornamental.** Per pkt., 10.
- Scarlet** " " " " 10.

ENDIVE.

French, *Chicoree-endive*. German, *Enaiven*. Spanish, *Endibia*.

For a summer crop, sow at intervals during the season, making the first sowing about the first week in May; when the plants are three to four inches high, thin out, or transplant them; blanch by tying up as for Cos Lettuce. For winter use, sow in August, in a sheltered situation; transplant into a frame where they can be protected from frost, and blanch by covering with a flower-pot.



HOOP-TRAINING OF THE TOMATO.



BOSTON PRIZE TOMATO.

Size of cut reduced. See page of vegetable specialities, yellow tinted paper.



BOSTON MARKET CURLED LETTUCE. P. 90.



RAPHANUS CORDATUS.

(BULL'S WONDERFUL RADISH.)

This novelty, when first sent out by the raiser, was stated to equal Asparagus and Peas in flavor. This has proved to be a wrong description. It does not seem to us to deserve to be considered as a good vegetable for the practical or even the amateur gardener. Price, per packet, 25 cents.



CABBAGE LETTUCE. See page 90.

- Green-curled.** Very hardy, and well-adapted for winter use; one of the best. Per pkt., 10 Per oz. .35
- Broad-leaved Batavian.** Leaves yellow-green, large, long, and broad; thick and fleshy. Per pkt., 10 .35
- Fine curled, or moss.** Very fine curled leaves, resembling moss. Per pkt., 10 .40

KOHL-RABI, OR TURNIP-ROOTED CABBAGE.

German, *Kohl-rabi*. French, *Chou-rave*. Spanish, *Col de nabo*.

The Kohl-Rabi is a vegetable intermediate between the Cabbage and the Turnip. The stem, just above the surface of the ground, swells into a round, fleshy bulb, in form not unlike a turnip; on the top, and about the surface of this bulb, are put forth its leaves, which are similar to those of the Swedish Turnip. The part used is the turnip-looking bulb, formed by the swelling of the stem. While young, the flesh is tender and delicate, possessing the combined flavor of the Cabbage and Turnip. Cultivate as Cabbage; only, in earthing up the plant, be careful not to cover the globular part. They should not be used before they have attained their full growth.

- Early white Vienna.** Above ground; early and fine. Per pkt., 10 .30
- " **purple Vienna.** Above ground; similar to the preceding. Per pkt., 10 .30

LEEK (ALLIUM PORRUM).

German, *Lauch*. French, *Poireau*. Spanish, *Puerro*.

Leeks require the ground well worked, and manured the full depth of the spade. Sow the seed thinly on a small bed of light rich ground, in drills six inches apart, and half an inch deep. When about eight inches high, they will be of sufficient size to plant out. Choose the best ground, draw thereon drills a foot apart, and as deep as the hoe will go; shorten their roots about an inch from the plant, and cut two inches or more from the extremity of the leaves. Choose moist or cloudy weather for the operation, but, if dry, give the plants a copious watering; and, as the plants grow, draw the soil around them.

- Large London.** Is hardy, and cultivated in this country more than any other variety. Per pkt., 10 .30
- Broad Scotch, or flag.** This variety is large and strong-growing, with broad leaves growing on two sides. Per pkt., 10 .30
- Musselburg.** Very superior; may be grown to the weight of three or four pounds. Per pkt., 10 .30
- Ayrton Castle.** New, giant; a very superior large variety. Per pkt., 10 .30

LETTUCE (LACTUCA SATIVA).

German, *Lattich*. French, *Laitue*. Spanish, *Lechuga*.

The Lettuce is divided into two classes; viz., Cabbage Lettuces, and Cos Lettuces. The Cabbage have round heads and broad-spreading leaves; the Cos varieties have long heads, and upright, oblong leaves. A very rich soil is necessary to produce fine Lettuce. Its crisp and tender quality depends on a luxuriant and vigorous growth. The earliest sowing may be made in February or March, under glass, under slight heat. Keep the plants thin, and admit plenty of air to the frame every fine day. For later supplies, sow in the open ground as soon as the season will permit; transplant or thin out the plants gradually to a foot apart, and keep well cultivated. The Cos Lettuces are excellent, if grown early in the spring, but run to seed quickly in hot weather. The large Cabbage kinds are best, and most suitable for summer crops.

	Per oz
Boston market tennisball (Crosby's). Early and very superior. Per pkt., 15 . . . . .	.50
“ “ curled. One of the best for general cultivation. The elegant frilling of the leaves, and fine form, make it very attractive; flavor, very fine. Per pkt., 15.	
Early-curled Silesia. Standard sort; very early; the best for forcing and the first spring sowing; tender, and of excellent flavor. Per pkt., 5 . . . . .	.25
“ tennisball. One of the most esteemed for early use. Per pkt., 10 . . . . .	.30
Early royal Cape, or summer cabbage. Head roundish, well formed. Per pkt., 5 . . . . .	.25
“ drumhead, or Malta. Head remarkably large, somewhat flattened, compact; pale-green without, and white at the centre; crisp and tender; fine summer variety. Per pkt., 5 . . . . .	.25
Curtis's summer cabbage. A remarkable, fine, firm, solid lettuce; very superior. Per pkt., 15.	
Large India. Heads large and compact, similar to the Curled Silesia, but is less curled, and whiter; sometimes tinted with brown; heads round, crispy, and fine flavor; very popular as a market variety; the best for summer culture. Per pkt., 10 . . . . .	.40
Brown Dutch. A very hardy sort, enduring the winter with less protection than most other varieties; heads medium size, rather long, good flavor; sown in the autumn. Per pkt., 10 . . . . .	.40
Grand admiral. Fine winter variety. Per pkt., 10 . . . . .	.40
Hammersmith, or green winter cabbage hardy green. It is considered the hardiest sort in cultivation, and is one of the best for growing in winter. Per pkt., 10 . . . . .	.40
Victoria cabbage. An excellent early and hardy variety; is larger than Tennisball; heads freely, and is crisp and well-flavored; plant early. Per pkt., 10 . . . . .	.40
White Paris Cos. Pointed head; tender, brittle, and mild-flavored. Per pkt., 10 . . . . .	.40
Blood-red. Very tender variety, with red leaves. Per pkt., 10 . . . . .	.50
Carter's giant brown Cos. The best of its class, being large, crisp, and well-flavored. Per pkt., 10	1.00
“ “ white Cos. The best White Cos Lettuce known, as regards its size, crispness, and flavor. Per pkt., 10	1.00

MANGEL-WURZEL (BETA VULGARIS).

These are grown principally for feeding stock, and have not received that attention by stock-raisers they are entitled to; as winter-feed for cattle, mixed with corn, they are invaluable.

Long red. A large, long variety; stands a good deal out of the ground; very productive. Per lb., 75 . . . . .	.10
Carter's champion orange globe. A large, round, orange-colored variety; keeps better than the Long Red, and better adapted for shallow ground. Per lb., 75 . . . . .	.10

MARTYNIA (MARTYNIA PROBOSCIDA).

The Martynia is of easy culture. The plants are large and spreading; should be two and a half feet apart in each direction. The seeds may be sown in April or May, in the open ground, where they are to remain; or sow earlier in a hotbed, and transplant.

Martynia proboscida. For pickles. Per pkt., 10 50

MELON, MUSK VARIETIES (CUCUMIS MELO).

German, *Melone*. French, *Melon*. Spanish, *Melon*.

Plant in hills six feet apart each way, eight or ten seeds in each, and thin out to three or four plants when in a state of forwardness. The hills should be prepared by digging out the soil from one and a half to two feet deep, and two or three feet broad. Add a liberal quantity of the best decomposed stable-manure, and mix well with the soil, filling up a little above the general level. Seeds should not be put into the hills until the weather becomes settled and warm. The delicious flavor and perfume of melons make them very popular in all countries where the climate will admit of their cultivation.

Christiana. Form, roundish; size, rather small; skin, yellowish green; flesh yellow, sweet, juicy, and of good quality; one of the best; ripens very early. Per pkt., 10. 25

Green citron. Fruit nearly round, but flattened slightly at the ends; medium size; flesh green, quite thick, of the richest sugary flavor; early; a very popular market variety. Per pkt., 5 15

Nutmeg. Fruit oval, good size, thickly netted; flesh light-green, rich, sweet, and melting; one of the finest. Per pkt., 5 15

“ **French variety.** A small, green-flesh melon; a very fine breakfast variety. Per pkt., 25.

Pineapple. Form roundish, inclining to oval; flesh green, melting, sweet, and perfumed; early and productive. Per pkt., 5 15

Persian. Long, oval-shaped; skin, very thin and delicate; flesh green, extremely tender, rich and sweet; fine for forcing. Per pkt., 15.

Beechwood. Medium-sized; dark green; flesh, very sweet; late; suitable for growing in frames, under glass. Per pkt., 25.

Large musk. A very large, long, oval shape; deeply ribbed; flesh very thick, yellow, sweet, and juicy, with musky flavor; early and productive. Per pkt., 5 15

Long green musk. A fine variety for mango pickles. Per pkt., 10 25

New white Japan. Decidedly the sweetest thin-skinned of the Musk-melons; color of fruit, cream-white; flesh, thick; size medium, and nearly round. Per pkt., 10 50

Early green Japan. New. Per pkt., 25.

WATER-MELON (CUCURBITA CITRULLUS).*

German, *Wassermelone*. French, *Melon d'Eau*. Spanish, *Sandia*.

They require a light, sandy soil, not over rich. Plant them in hills four feet apart. If they are wanted of a large size, three or four fruit to each plant will be sufficient. It will injure the flavor of the fruit, if grown near other varieties of the melon. The Water-melon is a tropical fruit, appreciated for its refreshing coolness and delicious flavor.

- Mountain sweet.** A large, long, oval variety; dark green; flesh scarlet, and quite solid to the centre; very sweet and delicious; the best in cultivation. Per pkt., 515 Per oz.
- Black Spanish.** Form, oblong; size, large; skin, very dark or blackish green; flesh deep red, fine grained, very sugary, and of excellent flavor. Per pkt., 515
- Ice-cream.** A very large pale-green sort; form, nearly round; flesh white, very sweet, tender, and of remarkably fine flavor. Per pkt., 515
- Orange.** Form oval, of medium size; flesh red, tender, sweet, and of good quality. When in its mature state, the rind separates readily from the flesh, in the manner of the peel from the flesh of an orange; succeeds best in warm climates. Per pkt., 1040
- Citron** (for preserves). Employed in making sweetmeats and preserves; form round, medium size; flesh white, very solid. Per pkt., 515
- Apple-pie melon.** A new Japanese variety; an excellent substitute for apples, when stewed and made into pies; keeps until May. Per pkt., 1020
- Apple-seeded.** A small, nearly round sort; derives its name from its small, peculiar seeds. Flesh bright red to the centre; sweet, tender, and well-flavored; keeps a long time after being gathered. Per pkt., 1030

MUSTARD (SINAPIS VAR.).

German, *Senf*. French, *Moutard*. Spanish, *Mostaza*.

This salad is cultivated in the same manner as Cress, — at all times of the year, sowing every week, or, for early use, in hotbeds. The seeds should be covered slightly, and frequently watered, as moisture is indispensable to its growth. Sow in drills, rather thick, and cut for use when young.

- White, or yellow.** Useful for salads or medicinal purposes. Per pkt., 550 Per lb.
- Brown, or black.** For culinary use. Per pkt., 550

NASTURTIUM, OR INDIAN CRESS (TROPÆOLUM).

German, *Kresse Indianische*. French, *Capucine Grande*. Spanish, *Capuchina*.

Sow the seed thinly, in rows or patches, an inch deep, about the middle of May or first of June. They will thrive almost anywhere, if the ground is rich. They are adapted to trellis-work, and make a rich, showy appearance. The green seeds, pickled in vinegar, are an excellent substitute for capers.

- Tall, yellow flower.** Per pkt., 525 Per oz.
- Dwarf, mixed.** Per pkt., 1025

OKRA, OR GOMBO (HIBISCUS ESCULENTUS).

German, *Essbarer Hibiscus*. French, *Gombo*. Spanish, *Quibombo*.

The seeds are sown thinly, on dry, warm soil, in shallow drills two feet apart, about the same as the Lima Bean. Cover the seeds lightly. After the plants are up, thin them out to nine inches apart; hoe freely, and draw a little earth to the stems as they continue to grow. Gather the pods when quite green and about an inch and a half long. The green seed-pods are used in soups, and deemed a luxury.

- Long green.** Pods long and ribbed. Per pkt., 515
- Improved dwarf green.** Pods small-sized, smooth, green, and round. Per pkt., 515

ONION (*ALLIUM CEPA*).

German, *Zwiebel*. French, *Oignon*. Spanish, *Cebolla*.

The soil in general cannot be too rich; it requires more or less manure for every crop. Previous to sowing, the ground should be thoroughly spaded over, or deeply ploughed, and the surface made smooth and even. The seed should be sown early in spring in drills fourteen inches apart, and half an inch in depth. When the plants are three or four inches high, thin them out to two inches apart. If the weather is moist, the thinnings may be transplanted.

To grow onions for pickling, sow the seed thinly in March or April. No further culture is required, except hand-weeding, as their thickness in the bed will prevent their growing large, and will cause them to come to maturity sooner.

- (**Early red.** A sub-variety of the large red Wethersfield, and the earliest of the Red Onions. Form and color, nearly the same as Large Red; close-grained, mild, and a good keeper. Very productive. Per pkt., 10 50
- Large red Wethersfield.** Large-sized; skin, deep purplish-red; flesh, purplish-white; fine-grained, and stronger flavored than the yellow varieties; very productive, and one of the best to keep. Per pkt., 10 50
- (**Danvers yellow.** Above the medium size, globular in form; skin, yellowish-brown; flesh, white and well-flavored; very productive; the most popular for general cultivation. Per pkt., 10 50
- Yellow flat Dutch, or silver-skin.** One of the oldest varieties; flesh white, fine-grained, mild, well-flavored; an excellent keeping variety. Per pkt., 10 50
- Early white silver-skin.** A French variety; early, medium size, delicate flavor. Per pkt., 10 50
- White Portugal, or Spanish.** A very large, flat onion, of a mild flavor; fine for early winter use. Per pkt., 10 75
- Pear-shaped.** A French variety; early, thin-skinned, and very recommendable. Per pkt., 10 50
- Top, or button onion.** Bulbs large, producing, instead of seeds, a number of small bulbs or onions, which serve as a substitute for seeds in propagation. The bulbs are liable to decay, and should be kept in a cool, dry place, away from frost. Per qt., 50.
- Potato onion.** Producing a quantity of young bulbs on the parent root, which should be planted in rows, in April, three inches below the surface, and six inches apart: the rows should be eighteen inches apart. Keep them free from weeds, and earth them up like potatoes as they continue to grow. Per qt., 30. Seed, Per pkt., 10. 50

ORACHE, or MOUNTAIN SPINACH (*ATRIplex HORTENSIS*).

German, *Garten Melde*. French, *Aroche*. Spanish, *Armuella*.

This plant flourishes best in rich soil, in open ground. Sow the seed in drills, five or six inches apart. When the plants are sufficiently strong, thin them out to six inches. The thinnings may be replanted. Gather the leaves for use while young and tender.

- (**Orache, or Mountain Spinach.** Per pkt., 5 20

PARSLEY (*APIUM PETROSELINUM*).German, *Petersilie*. French, *Persil*. Spanish, *Perégil*.

Sow in drills, half an inch deep, early in April. These drills may form an edging round any compartment of vegetables, or along the walks. When the plants are three or four inches high, thin them to six inches apart. Root out the plain-leaved, should any appear. Keep it from severe frost, and it will grow the whole winter. Select a warm spot of ground, light and rich; surround the bed, early in November, with boards, and cover with mats or shutters: glass is much better, if it can be obtained. By this process, a sufficient supply will be always obtainable.

- Plain Parsley.** The leaves of this sort are plain, not curled; but it is better flavored than the curled, for soups, &c. Per pkt., 520
- Curled, or double.** A dwarf variety; tender; leaves beautifully crimped and curled. Fine for garnishing. Also useful as a green for dishes of flowers. Per pkt., 1020
- Dunnett's selected.** A variety superior for garnishing. Per pkt., 10 .25

PARSNIP (*PASTINACA SATIVA*).German, *Pastinake*. French, *Panais*. Spanish, *Pastinaca*.

Succeeds well in a rich, sandy loam. Sow early in the spring, in drills tolerably deep; scatter the seeds thinly, and cover evenly with the rake. After the appearance of the seed, the soil must be stirred with the hoe frequently, until the leaves cover the ground. They will stand any severity of frost.

- Early Turnip-rooted.** Form similar to Turnip Beet. Very desirable for summer and fall use. Per pkt., 1020
- Long smooth.** One of the best for general cultivation. Per pkt., 5 . .10
- Hollow crown.** Roots oblong, ending somewhat abruptly with a small tap-root. Grows mostly below the surface. Per pkt., 5 . . .10
- The student.** Delicious flavor. A great acquisition. Per pkt., 10 . .15
- Improved hollow crown (Abbott's).** An English variety. The roots thicker, with less tap-root. Very superior. Per pkt., 10 . . .15

PEAS (*PISUM SATIVUM*).German, *Erbse*. French, *Pois*. Spanish, *Guizante*.

The planting for an early crop of garden Peas should be made in the spring, as soon as the ground can be worked, in a warm, dry situation, and covered about three inches. At the South, where they will endure the winter, the planting for the first crop is made in October and November. The ground should be manured the year previous, or the peas are apt to grow too much to straw. They are usually planted in double rows, from three to four feet apart. The large and later sorts do better at a greater distance apart, leaving a broad space for planting low-growing vegetables between. They should be kept clean, and earthed up in their growth. A new mode of growing the Common Early and Marrowfat Peas, which succeeds very well in small gardens, and which is practised to some extent for marketing, is to scatter about a dozen peas in every hill, with early planted potatoes; hoe them in the hill, along with the potatoes, and they will grow up and fall together between the rows, and produce a fair crop. As soon as the peas are gathered, the straw must be pulled and removed. In dry weather, soak the peas five or six hours before planting; and, if the ground is very dry, they should be watered in the drills. From one to two bushels are generally required to an acre. One quart of the smaller sorts will sow about a hundred and twenty feet, and of the larger sorts about two hundred feet, of drill.



DWARF WATERLOO MARROW PEAS. See page 95.

The following varieties we consider the best in cultivation :—

THE EARLIEST ROUND-SEEDED PEAS.

	Per qt.
Carter's first crop, or Sutton's ringleader. It has proved to be the earliest pea grown. Very prolific. 2½ feet . . . . .	.75
Caractacus, Waite. A new early pea. Claimed to be earlier and superior to Daniel O'Rourke. 2½ feet . . . . .	.75
Dickson's first and best. A prolific early pea, earlier than Daniel O'Rourke, and rather later than the first crop. 3 feet . . . . .	.75
Daniel O'Rourke. One of the earliest and most esteemed varieties in cultivation. Imported from the original grower. 2½ feet . . . . .	.40
Tom Thumb, American. An excellent early pea for forcing; an abundant cropper; very dwarf. Valuable for small gardens. 1 foot . . . . .	.50
Tom Thumb, or Beck's gem. An English variety of the above . . . . .	.40

SECOND EARLY ROUND-SEEDED PEAS.

Drew's dwarf. Of a dwarf and branching growth; extremely productive. Plant eight inches to one foot apart in the row. 1 foot	1.00
Bishop's new long-podded. Good quality, early and prolific. 2 feet . . . . .	.40
Bishop's dwarf. Early; good bearer. 1 foot . . . . .	.40
Blue surprise, Carter's. Fine-flavored, and a good cropper. 4 feet . . . . .	.50
Princess royal. Very productive, with long, well-filled pods. 1½ feet . . . . .	.50
Laxton's early prolific long-pod. For a second early pea, there is no pea of a similar class in cultivation to equal it. The pea has the same habit and character as Dickson's Favorite, excepting that the pods are nearly double the size, averaging ten to twelve peas in a pod. With confidence, we again offer this pea for the second season, it having given universal satisfaction last year. Sold in sealed packages, as imported. 4 feet. Per pint, 75	1.50
Burbidge's eclipse. Dwarf, blue variety; good cropper. 2 feet . . . . .	.50
Flack's victory. Blue. Branching, productive, and of fine flavor. 3 ft. . . . .	.40
Victoria, or Waterloo marrow. Large pods, fine flavor, and very productive. 6 feet . . . . .	.50
Missouri marrowfat. Very productive, of good quality; for general cultivation an excellent variety. 4 ft. . . . .	.25
Black-eye marrow. Pods, large and full; a prolific bearer . . . . .	.25
Peabody. A dwarf, prolific, late pea. This is the latest pea of the Tom-Thumb section, bearing from thirty to forty pods on a plant; 15 inches high; very superior	1.50
Dwarf Waterloo. The most valuable dwarf pea for general and late cropping ever offered; of rich Marrow flavor, and very productive. 15 inches	1.50

The last two we again offer with every confidence, feeling assured they will this season, as in the past, give every satisfaction. Imported in sealed packets.

EARLIEST WRINKLED MARROW.

McLean's little gem. A dwarf, prolific, green, wrinkled Marrow; habit similar to Beck's Gem, or Tom Thumb, and is a first early. 1 foot	1.00
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	Per qt.
McLean's advancer. A dwarf, green, wrinkled Marrow, of fine flavor; long pods, well filled up; very prolific; nearly as early as the Danl. O'Rourke50
prolific. A dwarf early variety, coming in after the Danl. O'Rourke; white, wrinkled, with the Marrow flavor . . . . .	.50
Champion of England. One of the best peas in cultivation; abundant cropper; fine-flavored. 4 feet . . . . .	.40
Napoleon, or climax. Very productive, and fine-flavored . . . . .	.50
McLean's epicurean. A new early wrinkled pea, of delicious flavor, and very productive. 2 feet	1.00

WRINKLED MARROWS, THE BEST FOR MAIN CROP.

Champion of Scotland. This we consider one of the best for main crop; of rich Marrow flavor, very productive, and of large size. . . . .	.50
Alliance, or Eugenie. Plant about three feet in height, with pale-green foliage; pods single, or in pairs, three inches long, containing five or six peas . . . . .	.50
King of the marrows. A strong grower, of branching habit, with long, well-filled pods; produced in great abundance; fine flavor. 6 feet . . . . .	.75
Veitch's perfection. A variety of superior flavor and sweetness, large pod, and a great bearer; one of the best. 5 feet . . . . .	.50

EDIBLE-PODDED, OR SUGAR PEAS.

Tall. Very large, edible-podded sugar-peas. 5 feet . . . . .	.75
Knight's dwarf white. Edible-podded. 3 feet . . . . .	.75
Commodore Nutt. A new dwarf wrinkled variety; good cropper; delicious flavor. 1 foot	1.00

PEPPER (CAPSICUM).

German, *Pfeffer*. French, *Piment*. Spanish, *Pimiento*.

Sow in a hotbed, early in April, in shallow drills six inches apart, and transplant to the open ground when summer weather has commenced. The plants should be set in warm, mellow soil, in rows sixteen inches apart, and about the same distance apart in the rows. When all danger from frost is past, and the soil is warm, sow the seeds in the open ground, in drills three-fourths of an inch deep, and fourteen inches apart; thin out the plants to ten inches apart in the rows, and the crop will be fit for use early in September.

Long red Arabian. Very pretty; new variety of the Long Red Capsicum; fruits upright, smaller than the older varieties; produced in greater quantity. Per pkt., 10 . . . . .	.50
Cayenne. Small, cone-shaped, coral-red when ripe, intensely acrid; and furnishes the cayenne pepper of commerce. Per pkt., 10 . . . . .	.50
Cherry. Fruit erect, cherry-form, and a deep, rich, glossy, scarlet color; remarkable for its intense piquancy. Per pkt., 10 . . . . .	.50
Squash. For pickles. Fruit, more or less ribbed; skin, smooth and glossy; flesh thick, mild, and pleasant to the taste. Per pkt., 10 . . . . .	.50
Sweet mountain, or mammoth. Similar to the preceding in form and color, but larger. Per pkt., 10 . . . . .	.50

Sweet Spanish. One of the largest and earliest varieties; flesh sweet, mild, and pleasant; used for salads and pickling. Per pkt., 1050

PUMPKIN (CUCURBITA PEPO).

German, *Kurbis*. French, *Courge*. Spanish, *Calabaza*.

Are generally raised on cultivated farms, between hills of Indian Corn, and may be planted with success in fields by themselves.

Cheese, medium-sized. One of the best varieties for field culture. Per oz. Per pkt., 510

Large yellow. Finest family pumpkin. Grows to a large size; fruit ribbed. Fine variety for agricultural or culinary purposes. Per pkt., 510
Per lb., 40.

Mammoth. A very large-growing variety. Per pkt., 1040

Nantucket (HARD SHELL). Fruit, warted; a very productive sort; an excellent pie variety. Per pkt., 1025

Sugar. Fruit, small; skin, bright-orange; hard shell; very productive. For pies, it is not surpassed by any of the family. Per pkt., 1025

RADISH (RHAPHANUS SATIVUS).

German, *Rettig Radies*. French, *Radis, Rave, Petite Rave*. Spanish, *Rabano*.

For early crops, sow in spring, as soon as the ground can be worked, in light rich soil; for later crops, a deep moist soil is preferable. Sow the seed thinly, in beds or drills, covering them with about a quarter of an inch of fine earth. The plants should be frequently and copiously watered in dry weather. For very early use, sow on gentle hotbeds.

Covent-Garden long scarlet. Exclusively cultivated for the Covent-Garden Market, London; the finest variety grown. Per pkt., 1025

Wood's early frame. A superior variety for early forcing, or out-door culture. Per pkt., 1025

Early scarlet short-top. Roots long, of a beautiful deep-pink color. Standard sort for marketing. Per pkt., 515

Scarlet turnip. A very early variety, deserving general cultivation on account of its rich color, crisp and tender qualities. Per pkt., 515

White turnip. Bulb, similar to the preceding. Skin, white; flesh, white and semi-transparent. Per pkt., 515

Yellow turnip. The flesh is mild, crisp, and solid. Should be eaten young. Per pkt., 515

Scarlet olive-shaped. In the form of an olive; skin, fine scarlet; neck, small; flesh rose-colored, tender, and excellent. Early, and well adapted for forcing. Per pkt., 515

Long salmon. A fine variety; in size and form similar to the Early Scarlet Short-top, but is a paler red. A few days later. Per pkt., 515

Black Spanish. One of the latest and hardiest of the Radishes; an excellent sort for winter use. Large size; color, black. Per pkt., 515

Long white Chinese. Skin, white and of fine texture; flesh fine-grained, crisp, and very good flavored. Its season the same as the preceding. Per pkt., 1025

Rose-colored China winter. Size, medium; skin comparatively fine, and of a bright rose-color; flesh firm, and rather piquant. A late variety. Per pkt., 1025

	Per oz.
Round, or summer. Leaves large, thick, and fleshy. This variety is generally grown for summer use. Per pkt., 5 . . . . .	.10
Fall, or prickly. Leaves, seven or eight inches long; the hardiest, and generally used for fall planting. Per pkt., 5 . . . . .	.10
Lettuce-leaved. Leaves large, thick, dark-green, and of superior quality; should be sown in the spring. Per pkt., 10 . . . . .	.15
New Zealand. A large-growing variety, requiring a warm, rich soil. It grows luxuriantly, and produces leaves of the greatest succulency, in the hottest weather. Per pkt., 10 . . . . .	.25

SQUASH (CUCURBITA MELO^o PEPO).

German, *Kurbiss*. French, *Courge*. Spanish, *Calabasa Tontanera*.

Any good, rich soil is adapted to the growth of the Squash. They only thrive well in a warm temperature; and the seed should not be sown in spring until all danger from frost is past. The hills should be made from eight to ten inches in depth, manured well, and covered three-fourths of an inch deep. Keep the earth about the plants loose and clean, removing the surplus vines, allowing not more than three plants to a hill. For other information, see the work "*On Squashes, and How to Grow them*;" by Gregory. Mailed free, for 30 cents.

Melon. New. A summer variety; small, yellow flesh, melon-shaped; excellent quality, and very productive. Per pkt., 10 . . . . .	.25
Yellow bush scolloped. An early, flat, scolloped-shaped sort; color, yellow; flesh pale-yellow, tolerably fine-grained, and well-flavored; very productive. Per pkt., 5 . . . . .	.10
White bush scolloped. A sub-variety of the Early Yellow Bush. The plant has the same dwarf habit, and the fruit is the same size and form. Per pkt., 5 . . . . .	.10
Summer bush crookneck. This is esteemed as one of the finest of the summer varieties; color, bright-yellow; skin very warty, thin, and easily broken; flesh, dry and well-flavored. Per pkt., 5 . . . . .	.10
Green-striped Bergen. An early variety; cultivated extensively for the New-York market. Per pkt., 5 . . . . .	.10
Boston marrow. Form, ovate; skin, thin; when ripe, bright orange; flesh very dry, fine-grained, and for sweetness and excellence unsurpassed; a very popular variety in the Boston market; in use from August till March. Per pkt., 5 . . . . .	.20
Hubbard. A superior variety, and the best winter Squash known; flesh bright orange-yellow, fine-grained, very dry, sweet, and chestnut-flavored; keeps throughout the winter. Per pkt., 10 . . . . .	.25
Turban squash. Improved. Flesh orange-yellow, thick, fine-grained, sugary; and, <i>beyond all question</i> , one of the best for fall or early winter use. Per pkt., 15 . . . . .	.30
Fall or winter crookneck. The kind generally cultivated in New England for fall and winter use; flesh salmon-red, very close-grained, dry, sweet, and fine-flavored; keeps well. Per pkt., 5 . . . . .	.10
Canada crookneck. A smaller variety of the preceding; ripens early; one of the best of the Crooknecks for general cultivation; very prolific. Per pkt., 5 . . . . .	.10

- Yokohama.** Introduced from Japan. A peculiar variety; flesh dry, fine-grained, and sugary; combining the qualities of the Marrow and Crook-neck. Per pkt., 15. Per 6.
- Honolulu nectarine.** Productive, and of good quality; keeps well. Per pkt., 10. .25
- Valparaiso, or Lima cocoanut.** A large-growing variety, good for fall and winter use. Per pkt., 5. .15
- Custard.** Skin or shell, creamy-white; flesh, pale yellow; one of the hardest and most productive. Per pkt., 5. .20
- Mammoth.** THE LARGEST VARIETY KNOWN; and, in rich soil, often grows to the weight of a hundred to a hundred and fifty pounds. Seed from the largest grown. True. Per pkt., 25.

(Also, many other odd varieties, not catalogued, can be had on application.)

STRAWBERRY SEED.

Saved from a large collection, embracing all the best European and American kinds in cultivation. Mixed seed. Per pkt., 25

TOMATO (SOLANUM LYCOPERSICUM).

German, *Liebesapfel*. French, *Tomate*. Spanish, *Tomate*.

Seeds may be sown in a hotbed in March or April, or in pots in a warm wind w. They should be started as early as possible, whether by hotbed or open-air culture. When two inches high, transplant, in single plants, to warm, light, rich soil. Water freely at the time of transplanting. Shelter from the sun for a few days. If sown in the open ground, select a sheltered situation, pulverize the soil finely, and sow in drills. This may be done about the first week in April or up to May. Transplant to where they are to remain, as before directed. No vegetable has attained such popularity in so short a time as the Tomato.

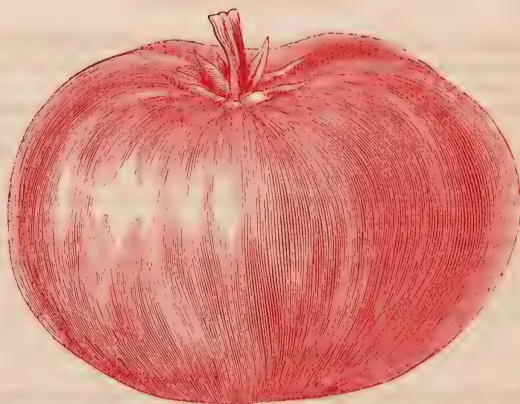
"General Grant." The unrivalled prize variety. Size above medium, three to four inches in diameter; producing fruit in clusters; form round, slightly flattened, very regular, symmetrical, seldom ribbed or wrinkled; color brilliant crimson; flesh firm and solid; will weigh from ten to twenty pounds more per bushel than other varieties; skin, fine, smooth, and glossy, coloring and ripening well up to the stem, — *a quality most desirable*; very productive; flavor very superior; bears carriage well; and keeps in good condition, and retains its flavor a long time after being gathered. Price per pkt., 25; 5 pkts., \$1.00.

A HOST OF TESTIMONIALS CAN BE SHOWN IN FAVOR OF THIS TOMATO. We recommend it because we know it.

Cedar Hill early. A new American variety; contains the qualities of earliness, size, solidity, and productiveness, to a greater degree than any other variety. A great favorite with the New-York market-gardeners. Per pkt., 15.

The Foard. The fruit is of a bright scarlet color, cuts as solid as a well-ripened apple, and almost entirely free from seeds; an abundant bearer. Per pkt., 15.

Eureka. A very superior Tomato; dwarf, early, bush-shape, and prolific. Per pkt., 15.



THE UNRIVALLED PRIZE TOMATO
“GENERAL GRANT.”

See page 100.



BOARD TOMATO. See page 100.

	Per oz.
Keyes's early prolific. Medium-size, round, of brilliant color, quite smooth, solid, and of excellent flavor. Borne in large, compact clusters, from ten to twenty each, and from seven to twenty clusters on each vine; ten to fifteen days earlier than any other. A fine variety for northern latitudes. Per pkt., 10.	
Maupay's superior. A beautiful, deep-red color, round, without crease or wrinkle; flesh very solid, weighing eight or ten ounces each, and a flavor unapproachable in any other variety; has very few seeds, and with a good skin, which renders it valuable for market. Per pkt., 10.	
Boston market. An early variety, largely cultivated for this market; fruit large, firm, and solid; very productive; as a market variety, not to be excelled. Per pkt., 5	.25
Early apple-shaped. A very early and productive variety; round, smooth, and of medium-size. Per pkt., 10	.30
Lester's perfected. Regular form; large size; flesh, firm and well-flavored. Per pkt., 10	.40
Pear-shaped. Small, red, pyriform, or pear-shaped variety; fine for preserving. Per pkt., 5	.35
Large yellow. Semi-transparent yellow skin and yellow flesh; used for preserving and pickles. Per pkt., 5	.25
Red plum. Remarkable for its symmetry and for its uniform size. It is hardy and productive; used for preserving and pickles. Per pkt., 5	.35
Yellow plum. Similar to the above, except in color, which is bright yellow. Per pkt., 5	.25
Cherry. A small variety, growing in clusters. Per pkt., 5	.35
French tree (TOMATO DE LAYE). A French variety, growing erect, in tree form; ornamental, large, and one of the best-flavored. Per pkt., 10.	
Fejee. Fruit large, bright-red, sometimes ribbed; often smooth, and well-filled to the centre. Per pkt., 10	.35
Cook's favorite. Medium-size, oval form, fair skin, deep crimson, very productive, and excellent flavor. Per pkt., 10	.40
Tilden's. The fruit is large; skin smooth, glossy, and of a bright-red color; flesh, remarkably solid. It ripens early, and bears abundantly. Keeps well after being gathered. Is rather dwarf in its habit. Per pkt., 10	.50
Strawberry, or ground cherry (PHYSALIS ALKEKENG). This, though called a Tomato, is a distinct species; excellent for preserves, having a peculiar, delicate strawberry-flavor. Per pkt., 10.	

TURNIP (BRASSICA RAPA).

German, *Steckrube*. French, *Navet*. Spanish, *Nabo Comùn*.

Sow as early as the ground will allow, in drills fourteen inches apart and half an inch in depth; and, when sown on fresh soil, the turnips will be far superior. The young plants should be thinned to five or six inches asunder. The sowing for the winter supply is made in July or August. Sowing a few radishes with the turnips has proved very successful, saving them from the ravages of the fly. We would impress upon our agricultural friends the importance of a more extended cultivation of the Ruta Baga, as winter feed for cattle, sheep, &c. For this purpose, sow the first week in June, one pound to the acre. Turnips must be harvested before severe freezing weather: though comparatively very hardy, few varieties will sur-

	Per oz.
vive the winters of the Northern States, in the open ground. Cut the leaves off to about half an inch from the bulb; collect the latter, and put them in a dry pit or cellar; cover with straw and earth, to protect from frost. Thus protected, they will keep fresh till March and April.	
White flat Dutch, or spring turnip. Size, medium; of quick growth; juicy, and of excellent quality; may be used in spring or fall. Per pkt., 5 . . . . .	.10
Early snowball. Round; white; a fine, early variety. Per pkt., 5 . . . . .	.10
White-top strap leaf. An early variety. One of the best for market or table use. Per pkt., 5 . . . . .	.10
Purple-top strap leaf. Has the form and character of the White-top Strap Leaf, except in color. Per pkt., 5 . . . . .	.10
Yellow Malta. A beautiful, small-bulbed, early variety; skin smooth, bright orange-yellow; flesh pale yellow, fine grained, and well flavored. Per pkt., 5 . . . . .	.10
Yellow Aberdeen. Though generally grown for farm purposes, it is really superior to many varieties cultivated for table use. Bulb, globular; flesh, tender and sugary; a fine market variety. Per pkt., 5 . . . . .	.10
Yellow-stone. Yellow flesh; fine grain; a good, early garden-variety. Per pkt., 5 . . . . .	.10
Orange jelly. A superior variety; of quick growth and fine flavor; flesh, bright yellow. Per pkt., 5 . . . . .	.10
Robertson's golden ball. Smooth and symmetrical; skin, bright yellow; flesh firm, sweet, and well-flavored; remarkably hardy, and keeps well; one of the best for winter use. Per pkt., 5 . . . . .	.10
Purple-top ruta-baga. Yellow flesh. Per pkt., 5 . . . . .	.10

The following varieties are the best for field culture:—

RUTA-BAGA, OR SWEDE TURNIP.

Carter's imperial hardy Swede. This variety is an improvement upon the other varieties, being larger, the flesh firmer, and an excellent keeper. Per pkt., 5 . . . . .	.10
Purple-top, Skirving's. A superior variety, hardy and productive; flesh yellow, of solid texture, sweet, and well flavored. Keeps well. Per pkt., 5 . . . . .	.10
Eclipse, or hybrid, Waite's. Excellent for early feeding purposes. Large size, and well flavored. Per pkt., 5 . . . . .	.10
Improved purple-top, Laing's. A superior variety; hardy and productive; flesh yellow, solid, and well-flavored; one of the best. Per pkt., 5 . . . . .	.10

These varieties, though not so hardy as the Ruta Baga, are much cultivated in England for the first winter-feed for sheep, as they can be sown later, and come off earlier, than the Swedes or Ruta Baga.

White Norfolk. A sub-variety of the Common Flat Turnip; grows to a large size; flesh white and coarse-grained, but sweet. Per pkt., 5 . . . . .	.10
Long white tankard. Recommended for its earliness and productiveness; a field rather than a table variety. Per pkt., 5 . . . . .	.10
Red-top tankard. Similar to the above, except in color. Per pkt., 5 . . . . .	.10

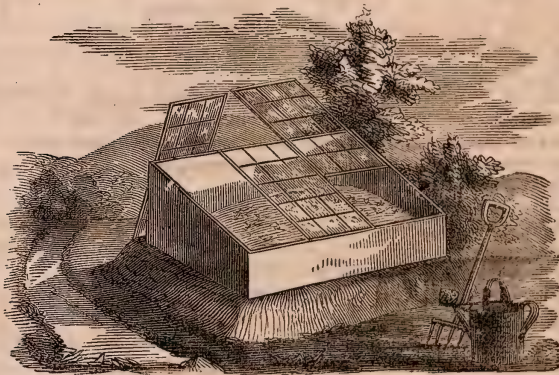
- Long white, or cow horn.** Grows quickly to a good size; flesh white, fine grained, and sweet. Keeps well, and is esteemed by many the best of all for culinary purposes. Per pkt., 510
- Sweet German, or white French.** Root similar to the Ruta Baga. One of the very best for winter or spring use, for the table or for feeding stock. The flesh is firm, white, crisp, sweet, and of excellent flavor; none better for keeping. Sown in June. Per pkt., 510

SWEET OR POT HERBS.

The generality of Sweet Herbs may be raised from seed sown early in spring. They thrive best in a mellow, free soil. The beds should be kept free from weeds; and, as the herbs come into flower, cut them on a dry day, and spread them in a shady place to dry, for use. Rub them through a sieve when thoroughly dry, and pack them in tin boxes. They are an indispensable requisite in every household, and should be cultivated in every garden. Per pkt., 10.

Those marked with a * are perennial, and when once cultivated in the garden may be preserved for years.

- | | | |
|---------------|----------------|---------------------|
| Angelica. | Coriander. | *Rosemary. |
| Anise. | Corn Salad. | Rue. |
| *Balm, Lemon. | Cumin. | *Sage. |
| Basil, Sweet. | Dandelion. | Saffron. |
| Borage. | *Dill. | Summer Savory. |
| Bene Plant. | French Sorrel. | Sweet Marjoram. |
| Burnet. | *Hyssop. | Sweet Fennel. |
| Cardoon. | *Hoarhound. | *Thyme. |
| Caraway. | *Lavender. | *Wormwood. |
| Chervil. | Pennyroyal. | Sorrel, broad-leaf. |
| Chicory. | *Pot Marigold. | Fenugreek. |



GLAZED HOT-BED FRAME. (See page 8.)

PRICES OF SOME LEADING ARTICLES,

BY THE POUND OR BUSHEL.

A proportionate higher price will be charged for quantities smaller than quoted; viz., per pound or bushel.

These prices are subject to variation, according to the market.

VEGETABLE AND AGRICULTURAL SEEDS, &c.

Beans.		Per bu.	Carrot.		Per lb.
Early Mohawk		\$8.00	Early horn, French variety		\$2.00
Early China		7.00	Early horn, English "		1.50
Early yellow six-weeks		8.00	Long orange		1.25
Early Valentine		7.00	Large white field		1.00
White marrow		6.00	Long yellow Altringham		1.00
Horticultural pole		9.00	Cauliflower.		
Indian chief		12.00	Half-early Paris		15.00
Large Lima		15.00	Le Normand. Per oz., 1.00		
Case-knife		10.00	Early London. " . . . . .		.75
Dutch runners		12.00	Walcherin. " . . . . .		.75
Beets.	Per lb.		Celery.		
Early Bassano		\$1.50	White solid		2.00
Early blood turnip (Dewing's)		1.25	Red solid		2.00
Long blood		1.25	Boston market. Per oz., 50		
Dwarf blood.		1.50	Chicory (for coffee)		1.00
White sugar . . . . .		.75	Corn, sweet.	Per bu.	
Mangel wurzel, long red . . . . .		.75	Curtis's ne plus ultra		6.00
Mangel wurzel, yellow globe . . . . .		.75	Darling's early		5.00
Mangel wurzel, red globe . . . . .		.75	Red-cob sweet		5.00
Cabbage.			Stowell's evergreen		6.00
Early York		2.00	Burr's improved sweet		6.00
Early Oxheart		3.00	Field varieties, market price.		
Early Wakefield		4.00	Cucumber.	Per lb.	
Mason's early drumhead		4.00	Early cluster.		1.50
Stone-mason drumhead		6.00	" Russian		1.75
Winningstadt		4.50	" short prickly		1.50
Large drumhead (American).		5.00	" white-spined		1.50
Large drumhead (imported).		2.00	Long green		2.00
Premium flat Dutch (American)		5.00	Lettuce.		
Green globe Savoy (American)		4.00	Early Silesia		3.00
Red Dutch		3.00	Cabbage		3.00
			Tennisball		3.00

Melon (water).	Per lb.	Rape.	Per bu.
Mountain sweet	. . . . . 1.00	English	. . . . . 10.00
Black Spanish	. . . . . 1.00	German	. . . . . 10.00
Melon (musk).		Spinach.	Per lb.
Nutmeg	. . . . . 1.50	Summer	. . . . . .75
Large yellow musk	. . . . . 1.50	Winter, prickly	. . . . . .75
Onion.		Salsify	. . . . . 1.50
Early red	. . . . . 6.00	Squash.	
Yellow Dutch	. . . . . 6.00	Early white bush	. . . . . 1.00
Yellow Danvers	. . . . . 8.00	Summer crookneck	. . . . . 1.00
White Portugal	. . . . . 7.00	Winter crookneck	. . . . . 1.00
Large red Wethersfield	. . . . . 6.00	Boston marrow	. . . . . 1.00
Parsnip.		Hubbard	. . . . . 2.00
White Dutch	. . . . . .75	Turban improved	. . . . . 3.00
Parsley.		Tomato.	
Extra curled	. . . . . 1.50	Large smooth red	. . . . . 2.50
Peas.	Per bu.	Lester's perfected	. . . . . 3.50
Carter's first crop	. . . . . 16.00	Yellow plum	. . . . . 2.00
Caractacus	. . . . . 16.00	Turnip.	
Early Dan O' Rourke	. . . . . 7.00	Early white Dutch	. . . . . 1.00
Dwarf blue imperial	. . . . . 6.00	Red-top, strap-leaf	. . . . . 1.00
Champion of England	. . . . . 8.00	White-top	. . . . . 1.00
Missouri marrowfat	. . . . . 5.00	Golden ball	. . . . . 1.00
Black-eyed marrowfat	. . . . . 5.00	Yellow Aberdeen	. . . . . 1.00
Victoria marrowfat	. . . . . 8.00	Carter's imperial	. . . . . 1.00
Pumpkin.	Per lb.	Purple-top ruta-baga	. . . . . .75
Connecticut field	. . . . . .50	Laing's improved ruta-baga	. . . . . .75
Radish.		Skirving's " "	. . . . . .75
Scarlet turnip	. . . . . 1.00	White French, or sweet Ger-	
Early olive-shaped	. . . . . 1.00	man	. . . . . 1.00
Long scarlet	. . . . . 1.00		

TOBACCO SEED.

Connecticut seed-leaf	Extra.	Per oz., 35	Per lb.
Broad-leaved			2.00
Latakia	Per pkt., 25.		1.00

MUSHROOM SPAWN.

The only conditions required for the growth of Mushrooms are a mass of short dung, heated to from fifty-five to sixty degrees. Take of horse-droppings from the stable, without the straw, as much as will make the bed the size you want it, a foot thick ; put this away from the light and draught, pressed, but not hard ; and in a few days, when it is warm on thrusting the hand in, get the spawn, and break the cakes in small pieces, and put them all over the dung, even with the surface ; cover with three inches of earth all over it ; press it down to keep it in its place, and put some loose hay or straw over it. When it approaches dryness, sprinkle with water with the chill off, enough to wet the earth, but not the dung.

Best imported English spawn	. . . . .	Per lb.,	.25
" " French	. . . . .	In boxes,	1.00

SEEDS FOR AUTUMN PLANTING.

Full descriptions of these and of other new varieties will be found under their respective heads in the Catalogue.

We invite special attention to the following list of seeds for greenhouse and out-door cultivation. Much disappointment has been experienced from not procuring them at the proper time for sowing.

	PRICE.
Antirrhinum. Finest mixed . . . . .	.10
Carnation Pink. Extra fine, saved from prize-flowers . . . . .	.50
“ “ perpetual, or tree. Saved from finest German collection . . . . .	.50
Calceolaria, James's international prize. The finest strain in cultivation	1.00
“ shrubby. Fine mixed . . . . .	.50
“ herbaceous. Fine mixed . . . . .	.50
Cineraria. From the finest sorts . . . . .	.50
Hollyhock. Collection of eight distinct sorts . . . . .	.75
“ Mixed, fine double . . . . .	.25
Mimulus pardinus (Tigrinus) fl. pl. superb double. A new strain . . . . .	.25
“ quinquevulnerus robustus. A beautiful variety . . . . .	.25
“ cupreus hybridus. A dwarf variety, of bushy and vigorous habit . . . . .	.25
“ “ “ cinnabar. New. A fine acquisition . . . . .	.25
“ Many varieties mixed . . . . .	.25
Primula Chinensis fimbriata. White . . . . .	.25
“ “ “ Red . . . . .	.25
“ “ kermisina splendens. Very large fringed flowers, bright velvety-crimson . . . . .	.50
“ “ erecta superba. Flowers, brilliant rosy crimson, large, and finely fringed; splendid . . . . .	.50
“ “ filicifolia rubra grandiflora. A brilliant variety, with large, rich crimson, fringed blossoms, fern-like foliage, and beautifully-formed flowers	1.00
“ “ crimson emperor. The finest in cultivation . . . . .	.50
“ “ fimbriata Clarkæfolia alba . . . . .	.50
“ “ “ rosea . . . . .	.50
These two varieties are new and distinct species; very fine.	
“ “ fimbriata filicifolia alba. White, fern-leaved . . . . .	.50
“ “ erecta fimbriata rubra plena. Double red fimbriated	1.00
“ “ fimbriata marginata lilacea. Large-flowered, lilac, white-margined	1.00
“ “ macrophylla fimbriata marginata alba	1.00
“ “ “ rubra	1.00

	PRICE.
Pansies. English prize-flowers . . . . .	.50
“ Auricular-flowered . . . . .	.50
Polyanthus. Saved from the finest-named varieties . . . . .	.25
Rhodanthe maculata. Fine for pot-culture . . . . .	.10
“ “ alba. Finest white . . . . .	.10
Stock. Scarlet and white intermediate . . . . .	.10
“ Brompton. New; large, early-flowering . . . . .	.10
“ Salter's. Brilliant scarlet; very fine . . . . .	.25
“ Royal gem. New; large, early-flowering; very fine . . . . .	.50
Sweet William. Auricula-flowered. The flowers have a large white disc, with a broad middle zone of rich crimson, purple, and violet; trusses large and perfect . . . . .	.25
Hunt's perfection. The finest strain in cultivation; truly gorgeous in size, color, and variety . . . . .	.25
Tropæolum. Fine mixed for the greenhouse . . . . .	.25
Wallflower. Double German, extra . . . . .	.10

GRASS SEEDS.

By a careful and judicious mixture of grasses, all fields and pastures can be greatly improved, and the quality of the hay made more nutritious. To effect this object, we make up a mixture suitable for all soils, prices of which we will be happy to forward on application. The prices of these are variable; but purchasers may depend on having them at the lowest market rates, and of the best quality.

Hardy fescue.	Meadow foxtail grass.
Sheep's “	Crested dogtail.
Purple “	Sweet vernal grass.
Hungarian grass.	Kentucky blue grass (extra clean).
Herd's grass, or Timothy.	Italian rye grass.
Red top.	Perennial rye grass.
Rhode-Island bent.	Red clover.
Fowl meadow grass.	White Dutch clover.
Orchard grass.	Lucerne, or French clover.

SUPERIOR MIXED LAWN GRASS.

The different varieties that compose this mixture are adapted to Lawns, Cemetery-Lots, Grass-Plots, &c., and will secure the richest verdure throughout the season, if often closely cut. Per qt., 35. Per bush., 7.50.

G R A I N.

Supplied at market price.

Barley.	Spring rye.	Chinese sugar cane.
Oats.	Winter rye.	Canary.
Buckwheat.	Broom corn.	Hemp.
Spring wheat.	Flaxseed.	Rape.
Winter wheat.	Field corn.	Millet.

BIRD SEED.

	Per qt.		Per qt.
Canary . . . . .	.30	Rape . . . . .	.40
Hemp . . . . .	.25	Mixed Bird-seed . . . . .	.35
Maw. Per oz., 10.		Lettuce. (For birds.) Per pkt., 10.	

COTTON SEED.

Sea-Island and Upland. Obtained from the best cotton sections. Per pkt., 10 cts. Price, per quantity, on application.

ORNAMENTAL TREE, SHRUB, & HEDGE SEEDS.

Norway Spruce (<i>Abies excelsa</i>)	lb.	\$1.50	oz.	\$0.20
Norway Maple (<i>Acer platanoides</i>)	"	1.50	"	.20
Sugar Maple (<i>Acer saccharinum</i>)	"	1.50	"	.25
Scotch Larch (<i>Larix Europea</i>)	"	1.50	"	.20
Scotch Pine (<i>Pinus sylvestris</i>)	"	2.50	"	.25
Austrian Pine (<i>Pinus Austriaca</i>)	"	3.50	"	.30
White Pine (<i>Pinus strobus</i>)	"	3.00	"	.40
American Arbor Vitæ (<i>Thuja Occidentalis</i>)	oz.	\$0.50	"	5.00
Chinese Arbor Vitæ (<i>Thuja Orientalis</i>)	"	.50	"	6.00
American Elm (<i>Ulmus Americana</i>)	"	4.00	"	.40
Birch (<i>Retula alba</i>)	"	1.50	"	.20
" (" " <i>pendula</i>)	"	2.00	"	.25
Hornbeam (<i>Carpinus betulus</i>)	"	2.00	"	.25
Laburnam, flowers yellow; ornamental	"	2.00	"	.25
Rhododendron Ponticum, choice varieties, mixed			pkt.	.25
Azalea, finest Ghent varieties, mixed			"	.25
Dutchman's Pipe (<i>Aristolöchia sepho</i>), climbing vine			"	.25
Bignonia Catalpa, clean seed			"	.50
Buckthorn (<i>Rhamnus catharticus</i>)	lb.	1.50		
Osage Orange (<i>Maclura aurantiaca</i>)	"			3.00

And many other varieties can be supplied to order.

POTATOES.

Prices may vary during the season. All other varieties supplied at market-prices.

	Per bush.
Early Goodrich. Early; highly productive. Per pk., 1.00	2.00
Harrison. The finest winter-potato grown. Per pk., 1.50	3.00
White peach-blow. An improvement upon the Jersey Peach-blow	3.50
Gleason. Good variety for winter use	3.50
Calico. White, with defined splashes of red; very productive	3.00
Cuzcoo. Very productive; highly prized	2.50
Garnet's Chili. Great bearer; good keeper; standard variety	2.00
Davis seedling. A favorite variety, cultivated throughout New England. 2.00	2.00
Jackson white. An excellent sort; fine flavor	2.00

CULINARY ROOTS, PLANTS, &c.

Asparagus roots, giant.	One year old	per hund.	\$1.00
"	"	"	"
"	Two years old	"	1.50
Potato onions.	Early, and mild flavor	per bu.	3.00
Top, or tree onions.	Valuable for pickling	"	6.00
Rhubarb.	Myatt's Victoria. Very large; a popular variety;		
	each 25 cents	per doz.	2.00
"	Myatt's Linnaeus. Large, very tender, and excellent;		
	each 25 cents	"	2.00
"	Prince Albert. Early and fine; each 25 cents	"	3.00
"	Downing's Mammoth. Extra large and tender; each 25c.	"	3.00
"	Champagne. Large; tender; fine flavor	" 25c.	3.00

Tomato, Cabbage, Cauliflower, Celery, Pepper, Sweet Potato, Egg-Plants, &c., of different varieties, supplied in their season, by the hundred or thousand, at reasonable prices.

TABLE, showing the number of Plants produced by a given quantity of Seed, and the quantity of Seed required for a given amount of Land.

1 oz. of Artichoke and Cardoon	600 plants.
1 oz. of Asparagus	1,000 do.
1 oz. of Broccoli, Cabbage, Cauliflower, Egg-plant, and Tomato	4,000 do.
1 oz. of Celery and Lettuce	10,000 plants.
1 oz. of Leek and Pepper	3,000 do.
1 oz. of Endive	5,000 do.
1 oz. of Beet will sow one rod.	
$\frac{1}{2}$ oz. of Carrot will sow one rod.	
1 oz. of Corn Salad will sow two rods.	
2 oz. of Parsley, Parsnip, and Salsify, should be allotted to every three rods.	
1 oz. of Onion contains 9,000 seeds, and will sow one rod, requiring from five to eight pounds to the acre.	
4 oz. of Radish, broadcast, will sow three rods; if sown in drills, one-half the quantity will be sufficient.	
8 oz. of Spinach, broadcast, will sow five rods; if sown in drills, one-half the quantity will be sufficient.	
1 oz. of Cucumber will plant 200 hills.	
1 oz. of Melon will plant 120 to 150 hills.	
1 oz. of Watermelon will plant 40 to 50 hills.	
1 oz. of Squash will plant 50 to 100 hills.	
1 qt. of English Beans will plant about 60 feet of row.	
1 qt. of Dwarf Beans will plant from 230 to 260 feet of row, or 350 to 400 hills.	
1 qt. of Pole Beans will plant from 200 to 250 feet of row, or 100 to 400 hills.	
1 qt. of Field Pumpkin will plant from 500 to 600 hills.	
1 qt. of Peas will plant from 150 to 200 feet of row.	
5 to 8 bushels of Potatoes will plant about 1 acre.	
$\frac{1}{4}$ bushel of Sweet Potatoes will produce 20 bushels.	
1 pound of Turnip is sufficient for 1 acre.	

TABLE showing the amount of Seed necessary for an Acre, and the number of Pounds in a Bushel.

	No. of lbs. per bushel.	Quantity usually sown per acre.
Timothy	45	$\frac{1}{4}$ to $\frac{1}{2}$ bu.
Red Clover	60	6 to 10 lbs.
White Clover	60	5 to 8 lbs.
Lucerne Clover	60	10 lbs.
Hungarian	48	$\frac{1}{2}$ to $\frac{3}{4}$ bu.
Millet	50	$\frac{1}{2}$ to $\frac{3}{4}$ bu.
Hemp	44	1 to $1\frac{1}{2}$ bu.
Buckwheat	52	1 to $1\frac{1}{2}$ bu.
Rye Grass	25	1 to $1\frac{1}{2}$ bu.
Kentucky Blue Grass	14	$\frac{1}{2}$ to 1 bu.
Red Top	14	$\frac{1}{2}$ to 1 bu.
Orchard Grass	14	1 to $1\frac{1}{2}$ bu.
Sweet-scented Vernal Grass	11	6 to 10 lbs.
Sheep's Fescue	14	10 to 14 lbs.
Flax	56	$\frac{1}{4}$ to $\frac{1}{2}$ bu.
Top Onion Sets	25	1 to $1\frac{1}{2}$ bu.
Barley	48	1 to $1\frac{1}{2}$ bu.
Oats	32	2 to 3 bu.
Rye	52	$1\frac{1}{4}$ to $1\frac{1}{2}$ bu.
Wheat	60	1 to $1\frac{1}{2}$ bu.
Carrot . . . . .	. . . . .	3 to 5 lbs.
Beet . . . . .	. . . . .	4 to 6 lbs.
Parsnip . . . . .	. . . . .	3 to 5 lbs.
Onion . . . . .	. . . . .	4 to 6 lbs.
Ruta-baga . . . . .	. . . . .	1 to $1\frac{1}{2}$ lbs.
Beans . . . . .	. . . . .	$1\frac{1}{2}$ to 2 bu.
Peas . . . . .	. . . . .	$1\frac{1}{2}$ to 2 bu.

A TABLE, showing the quantity of Corn required to plant an acre, of five grains to the hill.

5 feet by 2	18 qts.	3 feet by 3	18 qts.
$3\frac{1}{2}$ " " 3	10 "	$3\frac{3}{4}$ " " 3	8 "
3 " " 4	7 "	4 " " 4	6 "

The number of plants per acre, at given distances.

1 foot	43,560	5 feet	1,742
$1\frac{1}{2}$ feet	19,360	6 "	1,210
2 "	10,890	9 "	537
$2\frac{1}{2}$ "	6,969	12 "	362
3 "	4,840	15 "	163
4 "	2,722	18 "	134



HUBBARD SQUASH. See page 99.



BOSTON MARROW SQUASH. See page 99.



GREEN-FLESH CITRON MELON. See page 91.



MOUNTAIN SWEET-WATER MELON. See page 92.

SUMMER-FLOWERING BULBS,

FOR SPRING PLANTING.

This class embraces some of the most beautiful and desirable gems of the floral kingdom, being profuse bloomers, of easy culture, and rapid growth.

GLADIOLUS.

For New Varieties, see Novelties for 1869, page 77.

SPLENDID FRENCH AND BELGIAN HYBRIDS OF GLADIOLUS GANDAVENSIS,

In many new and rare varieties, from the most celebrated European cultivators.

This superb family of flowering plants is too well known, as ranking of late years among the foremost of popular favorites, to need any particular description. The improvements in it, made by skilful hybridizing and judicious culture, have lately introduced some magnificent varieties, to which no description can possibly do justice. It is sufficient to say, that in richness, delicacy, and variety of tints, running into all imaginable combinations, they stand unrivalled in the florist's collection. The flowers are large, well formed, and conspicuously arranged in a stately spike; and a tasteful selection and blending of sorts produces in midsummer a brilliant and striking effect, without which no flower-garden can be complete in its appointments.

The cultivation of the Gladiolus is very simple. The bulbs may be planted any time after the first of April, in rows or beds of deep, loamy, and moderately rich soil, from two to three inches deep, and from six to twelve inches apart, as to size. The plants should be well watered in a dry season, and the new bulbs carefully taken up in the fall, before the ground freezes, and stored in a dry place. By planting at intervals through April, May, and June, a long succession of bloom may be secured.

We will allow a discount of five per cent from catalogue price when one dozen are ordered, ten per cent on two dozen, and twenty per cent on fifty varieties.

Please state if, in the event of our being out of the varieties ordered, we may substitute others. Forwarded by mail to any address in the United States.

GLADIOLUS IN ASSORTMENTS.

It is to the advantage of the purchaser to leave the selection to us, as we may have a surplus stock of some of the finer and higher-priced varieties, which we can include in these assortments.

INVARIABLY OUR SELECTION.

No. 1.	Twelve good old varieties, for	2.50
" 2.	" choice " " " " " " " " " " " "	5.00
" 3.	" very choice " " " " " " " " " " " "	10.00
" 4.	" new and very choice varieties,	20 to 30.00

NEW AND MAGNIFICENT VARIETIES OF 1868.

	Each.
Alexander. Flower large, well shaped, very fine, bright red	1.00
Bernard de Jussieu. Flower large, wide ; perfect ground-violet, shaded and tinted with cherry-color and purple ; stains, purple on white ground ; new and almost indescribable color	3.50
Citrinus. Middle-sized flower ; the upper divisions of a light yellow, and the lower of a darker yellow	1.50
Eugene Scribe. Flower very large and wide, perfect ; tender rose, blazed with carminate red	3.50
Etendard. Flower very large and wide, perfect ; white, slightly blazed with lilac or bluish-violet ; spike very long, — two and a half to three feet	3.00
Henrietta. Large, well-shaped flower ; white-tinted and blazed with lilac ; very nice <i>dwarf</i> plant	1.00
Isabella. Middle-sized flower ; very fine spike ; pure white, with large, very dark carminate-violet stains	1.50
La favorite. Flower, large ; rose, blazed with carmine ; lower divisions, light yellow	1.75
La fiancee. Flower large, perfect ; very pure white, small bluish-violet stains ; very fine variety	3.00
Leonora. Flower large, perfect, cherry-colored red, slightly tinted with orange	1.00
Mehule. Flower very large, perfect ; spike, often verticillate ; currant-red, lightened and lined with white	1.50
Molière. Flower very large and wide, perfect, cherry-colored red, with very large pure-white stains	1.50
Mozart. Flower large, very wide ; spike, spreading ; bright-rose, slightly tinted with violet, very largely blazed with very dark carmine ; very large pure-white stains ; very beautiful plant	3.00
Norma. Middle-sized flower ; spike, spreading ; pure white, very seldom and very slightly blazed with very tender lilac	3.00
Oscar. Flower large, well-shaped, very brilliant bright cherry-color ; stains, white	2.50
Princess Alice. Flower very large and wide, perfect, tender lilac slightly tinted with rose ; very large white stains ; new and charming shade ; first-rate dwarf plant	4.00
Rossini. Flower large, perfect ; very long spike ; dark amaranth-red, lined and stained with white ; very good variety	3.50
Semiramis. Flower very large and wide, perfect ; very long spike ; carminate-rose ; ground white, largely blazed with bright carmine ; unri-valled variety	4.50

	Each.
Stella. Flower large, well-shaped; ground white, slightly tinted with yellow and rose, and blazed with carminate red	2.50
Thalia. Flower large, perfect; white, blazed with white striated with carmine; very fine, vigorous plant	1.00
Thunberg. Flower very large, perfect, lightly orange-colored cherry red; stains, pure white; very large	1.50
Ulysses. Flower large, perfect, very fine and glazed rose; beautiful shade	2.50
Urania. Flower large, very wide, very pure white, largely blazed with carminate bright rose; very fine and brilliant variety	3.00

NEW VARIETIES OF 1867.

Anais. Middle-sized flower, good shape, white slightly tinged with lilac; very large sulphur-white stains; broadly striped with lilac carmine; very striking plant; dwarf	1.75
Apollon. Large flower, of a perfect shape, rosy lilac, with a large stain of light rose, finely striped with white in the centre	1.00
Bernard Palissy. Large flower, good shape, light cherry red, blazed and striated with carminate rose on pure-white ground	1.00
Brilliant. Large flower, good shape, purple red; very fine color	1.50
Emilie. White, blazed with rose, with a dark-brown stain	1.50
Felicien David. Large flower, perfect shape; cherry rose, striped with light carmine on large white ground; very fine spike	1.50
Flavia. Very bright red; a little darker than Napoleon III.	1.00
Greuze. Cherry red, blazed with purple; growing very strong; very fine . . . . .	.75
Lady Franklin. Large flower, good shape, white slightly tinged with rose, finely striated with carmine, and very largely blazed with carminate rose; dwarf	2.00
Le Titien. Large flower, perfect shape, disposed in a very showy spike, light red, and very brilliant; very fine plant	1.75
Meteor. Dark red; very brilliant; large stain of a pure white; very remarkable	1.75
Mirabilis. Very light red; very fine plant . . . . .	.50
Monsieur Brongniart. Very large flower, perfect shape, rose ground slightly tinged with orange blazed with red; very large white stain. Plant very remarkable for its fresh and pleasing color, and for the perfection and the amplitude of its flowers; extra	3.50
Nelly. White, blazed with carminate rose, with a large stain of a dark-carmine color . . . . .	.75
Noemi. Flower large, light lilac rose; spike very long	1.00
Princesse Marie de Cambridge. Very large and well-opened flower; unexceptionable shape and upright habit; mat-white, with very large light-carmine stains; extra	3.50
Reverend Berkeley. Large flowers, of a good shape, disposed in a large spike, light rose tinged with violet, and carminate striped on white ground	1.50
Sir Joseph Paxton. Large flower, perfect shape, red slightly tinged with light orange color, finely striated with carminate red on white ground; very brilliant color	2.00

	Each.
Sir William Hooker. Very large and well-opened flower, perfect shape, light cherry color, rose-carmine stain on pure-white ground. Plant of a great effect . . . . .	.200
Th. Moore. Large flower, good shape, very fine carminate rose on white ground, blazed and stained with light carmine . . . . .	.300

* **GENERAL COLLECTION.**

Achille. Currant red; white line in the middle of each division . . . . .	.75
Adonis. Light cherry color; lower divisions yellowish, with bright-car- mine stains . . . . .	.20
Aglae. Salmon-colored rose; very large flower . . . . .	.25
Amabilis (dwarf). Bright vermilion; yellow stain . . . . .	.20
Archimedes. Light red; inferior divisions, chamois striated carmine . . . . .	.25
Aristote. Light carnation rose, red variegated; inferior divisions striped with carmine and purple . . . . .	.25
Belle Gabrielle. Large flower, perfect shape, very fresh lilac-colored rose, slightly blazed with bright rose	1.00
Berenice. Beautiful rose, red variegated; stains, carmine purpurine . . . . .	.30
Bertha Rabourdin. Pure white, with a beautiful large carmine stain . . . . .	.75
Brenchleyensis. Bright deep-scarlet . . . . .	.20
Calendulaceus. Bright nankeen-yellow . . . . .	.35
Calypso. Carnation-colored, striated with rose, and stained with carmine . . . . .	.25
Canari. Light yellow, striated with rose on the inferior divisions . . . . .	.50
Celine. White-rose ground, striped or marbled with rosy carminate . . . . .	.50
Ceres. Pure white, stained with purplish rose; large flower; very fine spike . . . . .	.75
Charles Dickens. Very tender rose, tinted with chamois, blazed and striped with carminate bright-rose; charming little branchy plant	1.00
Charles Rouillard. Light carminate red, stained with lilac carmine . . . . .	.35
Chateaubriand. Cherry red; light ground, sometimes variegated . . . . .	.25
Cherubini. Large flower, perfect shape, white ground largely blazed with carminate violet	1.50
Clemence. Tender rose, satin-like, shaded with darker rose; large bright- carmine stains; very large flower . . . . .	.35
Comte de Morny. Dark cherry red; large white stain, striated with purple . . . . .	.50
Comtesse de Bresson. Red, sometimes variegated . . . . .	.25
Couranti fulgens. Bright, brilliant-crimson, fine-shaped flower . . . . .	.20
Cuvier. Large flower, very good shape, amaranthine color, blazed with purple . . . . .	.50
Danae. Slightly-sulphurish white, with purplish stains . . . . .	.50
Daphne. Light cherry color, darker striped; bright carminate stain . . . . .	.25
De Candolle. Middle-sized flower, perfect shape, light cherry color, blazed with red; stain striated with carminate bright rose	1.00
Diana. Very tender carnation color, variegated rose; stain, light carmine on white ground . . . . .	.50
Diomede. Large flower, perfect shape; white, blazed with crimson; very dark carminate-violet stains	1.25
Dr. Andry. Very bright orange; beautiful shape . . . . .	.20

	Each
Dr. Lindley. Very large and well-opened flower, perfect shape; ground, tender rose; borders of the petals very bright rose, blazed with carminate cherry color. Very fine plant	1.50
Don Juan. Orange-fire-red, inferior divisions spotted with yellow . . . . .	.20
Duc de Malakoff. Orange red, blazed with lighter stripes; white ground, slightly sulphurish . . . . .	.50
Edith. Large flower; rose carnation, with darker stripes . . . . .	.25
Eduvia. Middle-sized and very well opened flower; lower divisions white, stained with violet; the upper divisions striated with white lines. Charming variety	1.00
Egeria. Light orange-colored rose, with darker rose stripes . . . . .	.25
Eldorado. Fine, pure yellow, the inferior divisions striated with red . . . . .	.75
Emile. Flower of middling size, perfect shape; bright and brilliant red, blazed with darker red; pure-white ground, red stain	2.00
Endymion. Very large flower; rose, slightly tinted with purple . . . . .	.35
Erato. Tender rose, striped with darker rose; carminate stains . . . . .	.50
Eugene Damage. Beautiful deep red, frequently shaded and striated with mahogany color	1.00
Eurydice. Large flower, perfect shape; pure white, blazed bright carminate rose (<i>Perfection</i>)	2.00
Flora. Large flower, perfect shape; white ground, shaded with lilac-colored rose; very large and distinct stain of rose color. Very long spike	1.00
Florian. Cherry rose, with large violetish stains; centre of the petals striated with white lines . . . . .	.35
Fulgens aurea picta (<i>dwarf</i>). Bright fire color, tipped and striated with golden yellow . . . . .	.25
Fulton. Transparent, velvet-like vermilion red, very bright; bright purple stain, large flower, fine shape; showy plant, splendid shade	1.25
Galathea. Slightly carnation-colored, nearly white, with carmine stains . . . . .	.35
Gil-Blas. Striped cherry color . . . . .	.35
Goliath. Very large flower, light red, ground striated, carmine stains . . . . .	.25
Hebe. Very tender carnation, striated light carmine . . . . .	.30
Helene. Lilac-tinged, white, stained and striated with purple . . . . .	.25
Imperatrice. White, slightly carnation-tinted; stains, bright carminate rose . . . . .	.25
Imperatrice Eugenie (<i>Souchet</i>). Very large flower, perfect shape; white ground, blazed with violetish rose inside of the flower, and with lilac outside. The most striking variety yet introduced	1.50
Not to confound <i>Imperatrice Eugenie</i> (<i>Souchet</i>) with the preceding <i>Imperatrice</i> , offered sometimes as <i>Imperatrice Eugenie</i> , which essentially differs from this beautiful variety of Mr. <i>Souchet</i> 's.	
Isoline. Carnation; stains, purplish carmine . . . . .	.30
James Carter (<i>Dwarf</i>). Light orange red, very bright, with a very large and fine pure-white stain	1.00
James Watt. Very large and well-opened flower, light vermilion; stain very large, pure white, striated with delicate rose	1.00
Janire. Orange red, fine spike . . . . .	.25
Jeanne d'Arc. White, very slightly tinged with rose, striated and stained with carminate purple . . . . .	.50
John Bull. Ivory white, or slightly-sulphurate white . . . . .	.50

	Each.
John Waterer. Very large, well-opened flower; light cherry color, blazed with red; large, white stains, striated with rose. Very striking variety	1.75
Juno. White, striped with lilac; largely purpurine-stained	. 1.00
La Quintinie. Bright light orange, of a very fine effect	. . . . . 75
Le Dante. Flower very large, perfect shape; very fine dark rose, large pure-white stain, new shade	. . . . . 1.00
Lelia. Peach-bloom colored, stained with lilac	. . . . . 35
Leonard de Vinci. Purplish rose, stains delicately striated with carminate rose on aurora-colored ground; new color	. . . . . 1.00
Le Poussin. Light red, white ground, and very large white stains on the inferior divisions	. . . . . 75
Lord Byron. Very brilliant scarlet, stained and ribboned with pure white; very showy plant	. . . . . 1.50
Lord Granville. Straw color, stained with deep yellow and striped with red.	. . . . . 50
Lord Raglan. Salmon-rose color, very large flower, very distinct stain of a vermilion-red color	. . . . . 75
L'ornement des parterres. White ground, blazed with tender lilac rose, velvet-carmine stains	. . . . . 1.00
Louis Van Houtte. Velvet-like carmine, purple-stained	. . . . . 25
Mac-Mahon. Orange-colored cherry rose, satin-like or glazed, red striped; ground very well enlightened. A first-rate plant	. . . . . 50
Mlle. Fanny Rouget. Carnation rose glazed, inside of the corolla very lighted with white, inferior divisions ribboned with carminate rose	. . . . . 20
Mme. Adele Souchet. Very large flower, perfect shape; white ground, blazed with carminate rose; very remarkable	. . . . . 75
Mme. Basseville. Large cherry-colored flower; purpurine stains on a white, yellowish ground; white line in the middle of each division	. . . . . 75
Mme. Binder. Pure white, long carminate-rose stripes on the inferior divisions	. . . . . 75
Mme. Couder. Light carmine, shaded with bright carmine on the inferior divisions; ground of the corolla, tender rose	. . . . . 20
Mme. de Sevigne. Light cherry color, very largely stained and lined with pure white; very fine and fresh shade; charming plant	. . . . . 1.00
Mme. de Vetry. White, slightly sulphurish; stains, purplish carmine; very large flower	. . . . . 75
Mme. Domage. Very tender rose, largely striated with deep carminated rose; deep amaranth-white striated stain	. . . . . 1.75
Mme. Furtado. Very fine rose, fading into rosy white, blazed with dark carminate rose; very large and open flowers, in long and fine spikes	. . . . . 2.00
Mme. Herincq. Yellowish white, passing into dim white; largely veined and marbled with lilac	. . . . . 20
Mme. Leseble. Pure white, large purplish-rose stains	. . . . . 75
Mme. Pereire. Pure white; large purple stains, with white centre	. . . . . 1.00
Mme. Rabourdin. Rose, blazed with carmine and slightly lined with white in the centre of the petals	. . . . . 1.50
Mme. Vilmorin (Souchet). Rose, lighted with white in the centre, shaded with a darker rose on the edges; stains, striated with carmine on white ground; remarkable plant, as well for its shape as for the size of its flowers	. . . . . 1.00

	Each.
Madame Sosthenie Desjardins. White . . . . .	.35
Marechal Vaillant. Large flower, good shape, very brilliant scarlet ; very large pure-white stain ; very fine and distinct color	3.00
Marie. Pure white, stained with deep carmine ; much more beautiful than Bertha Rabourdin . . . . .	.75
Maria Dumortier. White, slightly streaked with rose ; violetish-purple stains on a streaked ground . . . . .	.75
Marquise de Pompadour. Fine variety, white ground, stained and striated with lilac	2.50
Mars. Beautiful scarlet flower . . . . .	.35
Mathilda de Landevoisin. Very large flower ; white, slightly carnation- tinted ; striated with carmine . . . . .	.50
Mazeppa. Orange rose, large yellow stains, striated with red . . . . .	.30
Meyerbeer. Very brilliant nasturtium red, blazed with vermilion ; ama- ranth-red stain ; large flower, perfect shape, very long spike ; vig- orous and splendid plant (<i>Perfection</i>)	2.00
Milton. Very large flower, perfect shape ; white, slightly tinted with rose ; largely blazed with red (<i>extra</i>)	2.00
Mr. Blouet. Tender rose, shaded with carmine on the inferior divisions ; large flower . . . . .	.20
Mr. Georgeon. Salmon-colored rose . . . . .	.25
Mr. Lebrun d'Albane. Very striking red, pure-white stain ; very fine, delicate plant . . . . .	.75
Mr. Vinchon. Light salmon red, variegated and lined with white . . . . .	.25
Napoleon III. Very bright scarlet red ; white, striped in the centre of the divisions ; extra fine . . . . .	.35
Nemesis. Bright rose, lined with white ; carminate spots on yellowish ground . . . . .	.35
Neptune. Very beautiful red, variegated and stained with carmine . . . . .	.25
Newton. Large flower, perfect shape ; dark crimson red, with white ground largely lined with white ; new shade, very fine	1.50
Ophir. Dark yellow, purple stained . . . . .	.75
Oracle. Very brilliant cherry rose ; extra fine . . . . .	.50
Osiris (Dwarf). Purplish stain, lighted with white . . . . .	.30
Othello. Light orange red ; dwarf plant of great effect . . . . .	.25
Pallas. Bright rose, striated with deeper rose, purplish-carmine stains on lightly orange-shaded ground . . . . .	.25
Pegasus. Carnation-colored, stains purpurine on chamois ground . . . . .	.25
Pellonia. Beautiful variegated rose, inferior divisions tinted with carmine . . . . .	.25
Penelopa. Large flower, slightly carnation-colored white ; inferior divi- sions tinted with yellow, carmine striated . . . . .	.35
Peter Lawson. Rosy or purplish lilac, very large white stain, shade new and charming . . . . .	.75
Pluton. Deep scarlet, white stains shaded with violet purple . . . . .	.75
Premices de Montrouge. Splendid bright red. (<i>Dwarf</i> , about two feet high.) . . . . .	.30
Prince Engelbert. Light crimson, with lighter stripes of rosy crimson . . . . .	.35
Prince Imperial. Very vigorous plant, very large flower ; white, lightly flesh-colored ; stain very large, carminate violet . . . . .	.35

	Each.
Prince of Wales. Very bright fire-red; stain, white striped with violet. The finest of the red varieties	1.50
Princess of Wales. White, blazed with carminate rose; stain, deep carmine; of middling height, and very vigorous . . . . .	.50
Princesse Clotilde. Very large flower, tender salmon rose, large pur- ple stains on a white ground	1.00
Princesse Mathilde. Beautiful tender rose, striated with darker rose, and large carminé stains . . . . .	.50
Princess Palowna. Dark crimson, beautifully shaded . . . . .	.35
Raphael. Deep red vermilion, centre lighted with white and shaded with purple . . . . .	.35
Rebecca. White, slightly variegated with lilac . . . . .	.35
Reine Victoria. Very large and well-opened flower, pure white; stain, carmine violet; very hardy and vigorous	1.00
Rembrandt. Very bright deep scarlet . . . . .	.35
Shakspeare. Very large flower, perfect shape; white, very slightly blazed with carminate rose; very large rosy stain. (<i>Perfection.</i>)	2.00
Solfatare. Sulphur-yellow-colored	1.00
Stephenson. Large flower, perfect shape, carminate-cherry color, striated with white lines; splendid spike; truly magnificent	1.00
Sulphureus. Sulphur-colored, very fine spike . . . . .	.50
Surprise (<i>Dwarf</i>). Amaranthine-currant-colored; very vigorous plant . . . . .	.25
Triomphe d'Enghien. Carminate, lightly stained and washed with yellow . . . . .	.20
Velleda. Very tender rose, lilac stain; very large flower, of fine effect . . . . .	.50
Vesta. Pure white, stained with purplish carmine on yellow ground . . . . .	.35
Vicomtesse de Belleval. Very fresh flesh-colored, fully stained with carmine violet . . . . .	.75
Vulcan. Scarlet purple, velvet-like, very rich; shaded with purple in the centre . . . . .	.50
Walter Scott. Very bright rose, white ground striped with carminate rose, very fine shade	1.50

NEW AMERICAN SEEDLINGS.

Eleanora (CRAFT). Nearly pure white, faintly flaked with violet; centre petal, feathered with maroon on delicate lemon ground; bold spike; large flower; vigorous habit. A silver medal was awarded by the Massachusetts Horticultural Society, for this variety . . . . .	.75
Finette (CRAFT). Flesh-color, heavily maculated with crimson pink; maroon stripe on lemon ground . . . . .	.50
Imprimis (CRAFT). Carmine; white stripe; purple blotch . . . . .	.50
Lieutenant Stearns (CRAFT). Rose; light straw throat; delicate red stripes; remarkably fine, close spike . . . . .	.75
Salmonii (MCTEAR). Pure salmon color; dwarf habit; very fine spike . . . . .	.75
Viola (CRAFT). Cherry-red throat, and more than half of lower petals white; very large flower . . . . .	.50

	Each.	Per
Gandavensis (original variety). Vermilion, shaded with yellow.		
doz., 1.00		.10
Ramosus (original variety). Rose and white		.20
Floribundus . White, with rosy stripe along the centre of each petal		.20

MIXED VARIETIES.

We have a fine collection of mixed seedlings and other varieties, which we offer at \$2.00 per doz. Price per hundred on application.

LILIUM AURATUM, or NEW GOLDEN-STRIPED JAPAN LILY.

Of all the flowering plants recently introduced from Japan, this is the finest. No description can exaggerate its beauty. The late Prof. Lindley thus spoke of it: "If ever flower merited the name of *glorious*, it is this, whether we regard its size, its sweetness, or its exquisite arrangement of color." The flower, ten to twelve inches across, composed of six delicate white parts, each being thickly studded with crimson spots and having a bright golden band through the centre.

Extra fine strong bulbs \$12 Per dozen	. . . . .	1.50
Fine strong bulbs \$9 Per dozen	. . . . .	1.00

These bulbs are larger than any previously offered for five dollars.

LILIUM LANCIFOLIUM (JAPAN LILIES).

These highly fragrant and beautiful Lilies are equally adapted for the conservatory, the drawing-room, or the flower-garden. They are perfectly hardy, and, when planted in the open ground, may remain for years undisturbed. No garden is complete without a bed of these beautiful flowers.

Lilium lancifolium album. Pure white; very fragrant	. . . . .	.30
" " punctatum. Pure white, delicately marked with light ruby-colored spots	. . . . .	1.50
" " roseum. Delicate rose, with ruby spots	. . . . .	.30
" " rubrum. Dark carmine rose, with ruby spots	. . . . .	.30
" " speciosum. Varying only in shade from the others	. . . . .	.50
" " superbum. New; very showy; grand flower	. . . . .	1.00

VARIOUS LILIES.

There are no plants more suitable for out-door culture; and we hope ere long to see them more extensively grown in our public and private gardens. They flower in the heyday of summer, and have a dignity of character which places them apart from other bulbs or herbaceous plants. What can surpass the snowy whiteness of *L. Longiflorum*, with flowers six inches across, and delightfully fragrant; or the beautiful and brilliant *Chalcedonicum*, — the "Lily of the Field," as it is called. They are all, indeed, good and noble plants, and numerous, too, — so much so that our space prevents us going into their merits.

Lilium auranticum. Orange yellow. 3 feet. Per doz., 3.00	. . . . .	.25
" atrosanguineum. Orange red, blotched; very showy. 1½ feet. Per doz., 5.00	. . . . .	.50
" bulbiferum umbellatum. Orange red. 2 ft. Per doz., 4.00	. . . . .	.40
" Brownii (true). White, shaded on the outside with brown immense trumpet-shaped flowers; a superb Lily. 2 feet	. . . . .	.250

	Each.
Lilium candidum (old white Lily). Pure white; very fragrant. 4 feet.	
Per doz., 1.50 . . . . .	.15
“ “ fl. pl. Double white. 4 feet. Per doz., 2.50 . . . . .	.25
“ “ Striped-leaved. 4 feet . . . . .	.50
“ Canadense . Orange red, spotted. 4 feet . . . . .	.50
“ chalconicum . Brilliant scarlet. 3 feet. Per doz., 3.00 . . . . .	.35
“ colchicum . Rich yellow, spotted; superb. 4 feet . . . . .	.50
“ excelsum . Buff yellow; beautiful. 4 feet. Per doz., 9.00 . . . . .	.80
“ giganteum . The tallest of the Lilies, growing ten feet high, with a spike of white trumpet-shaped flowers with carmine streaks . . . . .	.50
“ longiflorum Japonicum . Pure white; fragrant; with large trumpet-shaped flower. 1½ feet. Per doz., 2.00 . . . . .	.20
“ Liu-kiu . Pure white; similar to the <i>Longiflorum</i> ; superb. 2 ft. 1.00 . . . . .	.100
“ Martagon . Purple. 3 feet . . . . .	.75
“ “ flore alba . White. 3 feet . . . . .	.1.00
“ “ flore pleno . Double purple. 3 feet . . . . .	.40
“ “ Yellow. 3 feet . . . . .	.40
“ “ Scarlet. 3 feet . . . . .	.40
“ “ Mixed. 3 feet. Per doz., 4.00 . . . . .	.40
“ pomponium . Yellow. 4 feet . . . . .	.40
“ Philadelphicum . Crimson, red-spotted. 2 feet . . . . .	.50
“ superbum . Orange red, spotted. 6 feet . . . . .	.50
“ sinicum . Bright scarlet. 1½ feet	1.50
“ Takesema . White, with large trumpet-shaped flowers; new and beautiful. 2 feet . . . . .	.1.00
“ tenuifolium . New; scarlet; superb. 4 feet . . . . .	.50
“ thunbergianum grandiflorum . Orange crimson. ½ foot	1.50
“ trigrinum (TIGER LILY). Orange red, spotted. 4 to 6 feet. Per doz., 1.50 . . . . .	.15
“ umbellatum . . . . .	.40
“ venustum . Orange buff; handsome. 2 feet . . . . .	.75

N. B.—As some of the varieties of these Lilies may not be always in spring stock, they can be supplied in the fall, when the Dutch Bulbs are received.

AMARYLLIS.

These bulbs are remarkable for their beautiful flowers, and should be cultivated in-doors, and moderately watered until they show signs of growth. The soil most suitable for their culture is a good, friable, highly-decomposed turfy loam, with one-fourth part of rich leaf-mould, or pulverized manure, and the ordinary proportion of sand in mixture. The pot-drainage must be perfect.

Many of the bulbs are obtainable throughout the year, either in pots or in a dry state, as the order may be received.

Atamasco . Changeable from white to pink . . . . .	.30
Aulica (Lily of the Palace). Crimson, shaded with lively green . . . . .	.400
Belladonna . Violet and white . . . . .	.75
Belladonna major . Large, violet and white	1.50
Gigantea (Josephine) . . . . .	.600
Johnsonii . Crimson, striped with white; showy, and a very large bloom	3.00
Longifolia rosea . Long leaved . . . . .	.75



TRITOMA BURCHELLI. See page 121.

Longifolia alba. Long-leaved; white	Each. . . . .	.75
Orientalis. New and fine		5.00
Purpurea (Valotta). Scarlet . . . . .		.75
Regina. Splendid		3.50
Vittata		3.00
Amarillis formosissima (Jacobean Lily). Fine for bedding out, or pot-culture; bright showy crimson, lily-like blossoms; each bulb producing two to three large flowers. Height about eighteen inches.		
Per doz., 4.00 . . . . .		.35

TRITOMA.

Splendid half-hardy evergreen herbaceous plants, forming large, robust, stemless leaf-crowns, from the centre of which their tall flower-stems, three to five feet in height, are produced in summer and autumn, with large, dense-flowered, terminal racemes of rich, pendent, orange-red and scarlet tubulous flowers; each raceme, a foot or more in length.

They are admirably adapted for bedding out; for forming large, effective groups and beds, in which the numerous terminal flame-colored blossoms have a fine effect. They thrive in any rich, light garden-soil. On approach of winter, they should be taken up, and placed in the greenhouse or cellar, for replanting out again in spring.

Uvaria glaucescens . . . . .	.50
“ grandiflora	1.00
“ Burchelli	1.00
“ Rooperi	1.00
“ serotina . . . . .	.25

TIGRIDIA.

A genus of Mexican bulbs, producing flowers of the most exquisite beauty. The flowers large, about four inches across, of singularly curious shape, and the color of each variety gorgeous, and purely contrasted. No flower can exceed it in beauty. In bloom from July to October. In autumn, take up the bulbs, and keep them in a dry place, away from frost, until the time of planting in the spring. 1½ feet.

Conchiflora. Orange and golden yellow, spotted with black. Per doz., \$1.25	.15
Pavonia. Richest scarlet, tinged and spotted with pure yellow. Per doz., 1.25	.15
Wheelerii. New . . . . .	.25
Mixed varieties	1.25 per doz.

DOUBLE TUBEROSE.

The Tuberose is a delightful, fragrant, and most beautiful summer-flowering bulb, throwing up tall spikes of double white flowers, two to three feet high. The bulbs may be planted from February to May. When required for early bloom, plant in the greenhouse or hotbed in February or March; and, for a succession of flowers, in April and May. In planting, remove the useless, small offsets around the main root, and place a single tuber in a three or four-inch pot. Use good loam and leaf-mould, with good drainage. Start them slowly, upon a temperate heat, in the hotbed or forcing-pit, or, later in the season, in a frame. Water slightly at first, and, when the bulbs begin to grow, increase the quantity. Those started early should be supplied with good bottom heat till May, when they may be shifted into pots six or seven inches wide. By the first of June, all may be plunged out in a warm border, staking each plant to prevent their being broken by the wind.

Fine bulbs	1.50 per dozen.
Extra fine bulbs	2.00 “

Price per 100, on application.

Each.

VALLOTA.

A splendid bulbous-rooted plant, allied to the Amaryllis. It blooms in August, throwing up its strong stems about one foot high, with from five to eight brilliant-scarlet, lily-like flowers; very ornamental for bedding out in summer, or cultivation in pots and vases;

Purpurea. Scarlet . . . . .	.75
“ superba. Deep scarlet, large and fine	1.00

MISCELLANEOUS BULBS.

Cannas. In varieties . . . . .	.20
Colocasia grandius folius. Very large ornamental leaf . . . . .	.50
Crocsmii aurea. Fine golden yellow . . . . .	.50
Nerine coruscans. Glittering scarlet	1.00
“ carnea. Flesh color; scarce	1.00
Schyzastylus coccineus. Dazzling bright scarlet; new and fine	1.00
Sprukelia formossima. Bright showy crimson, lily-like blossoms, beautiful for bedding or pot-culture . . . . .	.35
Iris kempferri. Hardy species from Japan . . . . .	.50
Zephyranthus roseus. Very ornamental, from the profusion of rosy flowers produced all summer. . . . .	.20



RANUNCULUS ASIATICUS SUPERBISSIMUS.

Ranunculus Asiaticus superbissimus. This new class of Ranunculus is acknowledged to be a most valuable acquisition. It flowers the second year from seed, sometimes even the first season. It is of unusual vigorous growth; strong and healthy in foliage; producing almost only flowers of extreme doubleness, extraordinary size, in endless and in the most brilliant tints from white, — the most delicate blush, pink, rose, to the brightest carmine, crimson, scarlet, purple, orange, and yellow. It has the great advantage of flowering in the greatest heat throughout the summer. Bulbs, \$1.00 per doz. Seeds, per pkt., 50 cts.

We have seen some very fine flowers the past season from J. F. C. Hyde, Esq., President of the Massachusetts Horticultural Society, and consider this new acquisition very recommendable.



CLAPP'S FAVORITE PEAR. See page 123.

Used, by permission, from the American Journal of Horticulture.

This variety, after ten years' trial, was awarded the Gold Medal, valued at \$60, to the originator, by the Mass. Horticultural Society, December, 1868.

SELECT FRUITS.

PEARS.

In the following list of summer, autumn, and winter pears, will be found most of the standard varieties worthy of general cultivation.

PRICES OF TREES.

Standard trees on Pear stocks, two to three years old . . .	75 cts. to 1.50 each.
Dwarf and pyramidal trees on Quince, two years old . . .	75 cts. to 1.50 "
Extra-sized trees in a bearing state, according to size . . .	3.00 to 5.00 "

Apple and Pear scions furnished to order.

Summer Pears.

Clapp's favorite. New; size of the Bartlett, earlier, without its musk flavor; highly recommended	Sept.
Brandywine. Medium size; high flavor, and delicious	Sept.
Bartlett. Large; one of the most popular varieties	Sept.
Beurre' Giffard. New; handsome and excellent pear	Aug.
Bloodgood. Medium; buttery, juicy	Aug.
Dearborn's Seedling. Small; very handsome, good	Aug.
Doyenne' d'Été. A small, handsome, melting fruit	July.
Madeline. Small; medium quality	July.
Manning's Elizabeth. Medium size; beautiful, melting, rich, and excellent	Aug.
Rosteizer. Medium size; russeted, melting, seckel flavor, juicy, sweet, rich	Aug.
Tyson. Medium, sweet, melting rich	Sept.
Supreme de Quimper. Medium size; handsome, and excellent	Aug.
Moyamensing. Large; melting, good flavor	Sept.

Autumn Pears.

Andrews. Melting and delicious; medium size	Sept.
Belle Lucrative. Large; melting, luscious	Sept.
Beurre' d'Anjou. Large; one of the most valuable kinds known	Nov.
Clairgeau. Very large; juicy, melting, excellent	Nov.
Bosc. Large and handsome; russet, delicious	Oct.
Hardy, or Sterckman. Large; russeted, melting, very rich, high-flavored	Oct.
Superfin. A large, delicious pear; one of the best	Oct.
Golden of Bilboa. Medium size; juicy, sweet, excellent	Sept.
Doyenne' du Comice. Large; melting, perfumed, and luscious	Oct.
Boussock. Very large; handsome and excellent	Sept.
Duchesse d'Angouleme. Large; well-known	Nov.
Howell. Large; handsome, yellow, juicy, sprightly, rich, excellent	Nov.

Louis Bonne de Jersey. Large; melting, rich, and delicious; a great bearer; one of the best	Oct.
Merriam. Large; russet and red, melting, and handsome	Oct.
Marie Louise. Large; melting, vinous, rich, and luscious; fine bearer	Oct.
Pratt. Medium; melting, juicy, sweet, rich, excellent	Sept.
Swan's Orange. Very large, melting, juicy, vinous, rich, and fine; should be in every collection	Oct.
Seckel. Small; first-rate in every respect	Oct.
Sheldon. Medium size; melting, rich, and delicious	Oct.
Urbaniste. Large; handsome, melting, rich; of the highest excellence	Oct.

Winter Pears.

Beurre' d'Arenberg. Medium size; melting, and juicy	Jan.
" Langelier. Large; melting, buttery, and rich	Jan.
Caen du France. Medium size; russeted, juicy, sugary, and rich; productive	Dec.
Doyenne' d'Alencon. New; melting, with fine aromatic flavor	Feb.
Easter Beurre'. Large; melting, buttery, and delicious	Jan. to Apl.
Glout Morceau. Large; melting, sprightly, rich, and delicious	Jan.
Hovey (Dana's). Medium size; russeted and handsome; the finest of all pears, with a honeyed sweetness and a luscious aroma	Dec.
Lawrence. Medium size, melting, buttery, and high flavor	Dec.
Passe Calmar. Large; yellow, melting, juicy, and delicious	Jan.
Seule. Large; round, handsome, buttery, high-flavored, delicious	Dec.
Vicar of Winkfield. Large size; very profitable.	Dec.
Winter Nelis. Medium size; excellent, and delicious	Jan.

Cooking Pears.

Black Pear of Worcester, or Iron. Large; russet; a fine market variety	Feb.
Catillac. Very large; handsome; keeps well	Mar.
Uvedale's St. Germaine, or Pound. Large and productive	Jan.

APPLES.

We recommend the varieties in the following select lists, as amongst the best in cultivation.

Standard trees, extra size, 50 cts. to 1.00.

Summer Apples.

Astrachan Red. Large; crimson-red skin, juicy, high flavor	Aug.
Early Bough. Large; sweet, yellow, juicy	Aug.
Early Harvest. Medium; yellow, juicy, mild, very pleasant	Aug.
William's Favorite. Large; crimson, juicy, beautiful	Aug.
Fall Pippin. Large; yellow, tender, rich, aromatic.	Oct.
Gravenstein. Large; striped, juicy, aromatic, superior	Sept.

Jewett's Fine Red.	Medium; tender, juicy, fine flavor	Nov.
Porter.	Large; yellow, tender, juicy; very popular	Oct.
Pomme Royale.	Large; yellow, handsome, juicy, high-flavored	Sept.
Washington.	Large; round, yellow striped with deep red, juicy, tender, very handsome; fine table fruit	Sept. to Oct.

Winter Apples.

Baldwin.	Large; red, juicy, rich; very popular	Jan.
Cogswell.	Large; yellow and red, tender, juicy	Dec.
Danvers Winter Sweet.	Medium; yellow, tender, rich	Jan.
Fameuse.	Medium; crimson, tender, juicy, delicious	Nov.
Golden Russet.	Medium; tender, juicy, rich, mild, sub-acid	Feb.
Hubbardston Nonsuch.	Large; tender, rich; very popular	Nov.
Tompkins Co. King.	Large; rich, vinous, beautiful, delicious	Jan.
Ladies' Sweet.	Medium; red, sprightly, perfumed	Mar.
Peck's Pleasant.	Large; yellow, rich, spicy, aromatic flavor	Nov.
Rhode-Island Greening.	Large; tender, crisp, rich, juicy	Dec.
Roxbury Russet.	Medium; sub-acid flavor; keeps very late	May.
Tolman's Sweeting.	Medium; tender, rich, agreeable, juicy	Mar.

CHERRIES.

Price of Standard Trees, extra size 75cts. to 1.00

Black Eagle.	Large; one of the very best in cultivation	July.
Black Heart.	Medium; an excellent old variety	June.
Black Tartarian.	Large; juicy; mild, pleasant flavor; popular	July.
Downer's Late Red.	Large; light red, tender, rich; very prolific	July.

PLUMS.

Trees, extra size 1.00 to 1.50

Green Gage.	Medium; of standard excellence	Aug.
Imperial Gage.	Medium; yellow, juicy, rich; great bearer	Aug.
Jefferson.	Large; yellow and red, rich, juicy; excellent prolific	Sept.
Lawrence's Favorite.	Medium; greenish-yellow; delicious	Sept.
McLaughlin.	Large; juicy, rich, hardy, and prolific	Sept.
Yellow Gage.	Medium; sweet, rich, early, and productive	Aug.

PEACHES.

Price 25 cts. to 50 cts. each.

Cooledge's Favorite.	Large; juicy, delicious, beautiful	Sept.
Crawford's Early.	Large; very handsome and popular	Sept.
Crawford's Late.	Large; superb, productive, and good	Oct.
Early York.	Medium size; juicy, rich, excellent; best early sort	Aug.
George IV.	Large; red and white, juicy, rich; first quality	Aug.
Grosse Mignonne.	Large; vinous; the standard of excellence	Sept.
Hale's Early.	Red and white, juicy, delicious, productive	Aug.

- Old Mixon** (Freestone). Large; red and white, vinous, juicy, very productive Sept.
Royal George. Medium size; white and red, juicy, melting, rich Aug.
Stump the World. Large; red and white, juicy, good Sept.

QUINCE.

Price 50 cts. to 1.00 each.

- Apple, or Orange.** Very large; roundish, deep golden yellow; best for preserves.

GRAPES.**HARDY AMERICAN VARIETIES.**

Price of Plants 50 cts. to 3.00 each.

- Allen's Hybrid.** Medium size; white, melting, good.
Adirondac. Large; black, delicious.
Concord. Large; dark purple, earlier than the Isabella, prolific.
Creveling. Black, large, and excellent.
Delaware. Small; very early, sweet, juicy, rich, prolific.
Diana. Medium size; a most excellent, hardy variety.
Hartford Prolific. Large; dark purple; said to be a valuable variety.
Ióna. Amber; sweet, rich, and vinous; strong grower.
Isabella. Large; dark purple; an excellent and popular grape.
Israella. Black; new; ripening early.
Rebecca. Medium size; white; a new and very popular variety.
Roger's Hybrid No. 4. Large; dark purple; early and hardy variety.
 " **No. 15.** Large; deep amber, vigorous; very productive.

And every other variety worthy of cultivation. Foreign varieties, for greenhouse culture, supplied to order.

CURRENTS.

Price 2.00 to 3.00 per dozen.

- Cherry.** Red; very large, vigorous, and productive.
La Versailles. Red; very large; the best in cultivation.
Red Dutch. An old esteemed variety.
Dana's. Transparent; very large, white; productive.
White Dutch. Large berries, and handsome bunches.
White Grape. Large; excellent.

GOOSEBERRIES.**ENGLISH VARIETIES.**

Price 25 cts. each; 2.50 per dozen.

- Green.** Sampson; Laurel; Walnut; Waterloo.
Red. Crown Rob; Warrington; Roaring Lion; Ironmonger.
White. Whitesmith; Wellington's Glory; White Eagle; White Lion.
Yellow. Globe; Sulphur; Golden Fleece; Husbandman.

AMERICAN VARIETIES.

- Downing's Seedling.** Medium size; productive. Similar to the Houghton.
Houghton's Seedling. Medium size; bears heavy crops; excellent to market green.





CLARKE RASPBERRY. See page 126.

RASPBERRIES.

SUMMER VARIETIES.

The Clarke Raspberry is acknowledged to be the best yet introduced. Fruit, of the largest size; color, bright crimson; superior in flavor to the Hornet, Antwerp, Falstaff, or any other variety. The plant is perfectly hardy without winter protection. It is productive: six hundred berries were counted at one time on a single cane, planted the same season. It is highly recommended by Marshal P. Wilder and other eminent pomologists. *Strong plants*, \$0.35 each; \$3.00 per doz.; \$12.00 per 50; \$20.00 per 100.

	Per doz.
Antwerp Red. Large, productive, and excellent	1.00
Antwerp Yellow. Large, productive, and delicious	1.50
Franconia. Red, large, rich, high flavor	1.00
Knevett's Giant. Crimson, very large, sweet, rich, juicy	1.50
Orange (Brinkle's). Juicy, rich, hardy, beautiful	1.50
Catawissa. Dark purplish-red, medium, mild, rich flavor. Autumn variety	3.00

STRAWBERRIES.

A FEW OF THE LEADING VARIETIES.

	Per hun.
Agriculturist. A new variety; fruit very large, light red, melting, juicy, and good	2.00
Boston Pine (Hovey's). Large, pale red, melting, rich, and delicious; very productive	1.50
Brighton Pine. Large, deep red, juicy, and excellent	1.50
Hovey's Seedling. A standard variety, well known	1.50
Jucunda. For large size, beauty of form and color, and enormous yield, not to be equalled	3.00
Jenny Lind. Large, conical, scarlet; slightly acid, but good	1.50
La Constante (De Joughe). Fruit large, handsome, very regular in shape, dark scarlet, glossy; flesh firm, juicy, sugary, and excellent	2.00
Scot's Seedling. Large, long, handsome, deep scarlet; flesh dry, but rich, with a truly luscious, orange-like aroma	1.50
Triomphe de Gand. Very large, conical, of bright scarlet, of excellent flavor; very hardy and productive	1.50
Wilson's Albany. Large, conical, dark dingy-red; flesh firm, juicy, acid, and without much flavor; prolific bearer	1.50

And all other varieties worthy of cultivation.

BLACKBERRIES.

	Per doz.
Dorchester. Very large, sweet, hardy, and prolific; superior. \$8.00 per hundred	1.00
Lawton, or New Rochelle. Very large, juicy, tender, soft, rather acid. \$8.00 per hundred	1.00
Kittatiny Blackberry. Ripens immediately after the Wilson, and continues bearing through August and early September. The hardiness, vigor, and productiveness of the plant, with its unsurpassed flavor, leaves nothing further to be desired in a blackberry	3.00
Wilson's Early. This fruit on account of its earliness, — immediately following the raspberry, — and the quality of ripening its main crop at once, make it a valuable variety	3.00

ORNAMENTAL TREES.

Price, 50 cents to \$1.00 each. Extra large will be charged at proportionate rates.

<p>Apple. Double-flowering. Ash. Mountain. " Weeping. And other varieties. Beech. American. " Purple. " Cut-leaved. " Weeping. Birch. Cut-leaved " Weeping. Cherry. Double-flowering. Cypress. Deciduous Evergreen. Elm. American. " Weeping. " English. Ginkgo Tree. Hawthorn. Double White. " Single " " Double Scarlet. " Single " " Double Pink. " Single " Hornbeam. American. " English. " Variegated-leaved.</p>	<p>Horse Chestnut. Common White. " " Double " " " " Red. " " Yellow. " " American, for nuts. Laburnum. Scotch, yellow-flowered. Larch. European and American. Lime or Linden. American. " " English. Maple. Sugar or Rock. " Scarlet-flowering. " Silver or White. " Norway. " Sycamore. Oak. English and other varieties. Peach. Double-flowering. " " White. " " Scarlet. Tulip Tree. Virgilia Lutea. Yellow wood, white flowered. Willow. Rosemary-leaved. " Kilmarnock. " Ring-leaved. " Weeping.</p>
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HEDGE PLANTS.

*Arbor Vita, Hawthorn, Norway Spruce,
 Buckthorns, Hemlock, Privet, &c.*

Price according to size and quantity ordered.

HARDY ORNAMENTAL PLANTS.

SHRUBS. About a hundred and fifty varieties, including all leading sorts,—Weigelias, Forsythias, Deutzias, Spiræas, Upright Honey-suckles, Virginia Fringe, Euonymus, Cydonias, Halesias, Syringas, Mahonias, Coluteas, &c., &c.	Each. .50
Leading sorts in quantity.	
New Weigelias.	
W. Isoline. White	.75
W. Desboisii. Deep red, profuse bloom	.50 to .75
W. splendens. Very large flowers	.50 to .75
These are great improvements on the old species.	
Variegated-leaved Shrubs.	
Symphorias, Weigelias, Deutzias, &c.	.50 to 1.00
Lonicera brachypoda reticulata	.50

Each.

- Halesia tetraptera* (*Silver Bell*). White drooping flowers in great profusion. A large and fine stock50 to .75
- Spiraea Reevesii*. Double; covered with pure white flowers; very fine .50
- Euonymus latifolius*50
- Deutzia Crenata, double*. New. This superb double Deutzia is the most valuable acquisition for many years to the list of hardy shrubs75 to 1.00
- Magnolias*. Magnolia Tripetala and Cordata; a very large stock at low prices. Also other species.
- Climbers*. Trumpet Vine (*Bignonia*), Wax-work (*Celastrus*), Wistarias, Climbing Roses, Honeysuckles, &c.25 to .50
- ROSES**. Hardy June, Moss, Hybrid Perpetual, and Bourbon. Per doz., 5.00 to 8.00.

RARE EVERGREENS.

- Thuja borealis* 1.00
- Retinospora ericoides* 1.00
- Thuja macrocarpa* 1.50
- “ *variegata* 1.50 to 3.00
- Cupressus Lawsoni* 1.00
- Retinospora picifera aurea* 1.50
- Thuja dolabrata* 1.50 to 3.00
- Chamæcyparis variegata* 1.00
- And various others.

PÆONIES.

- Tree Pæonies, eight varieties 1.00 to 5.00
- Herbaceous Pæonies, sixteen varieties 50 to 2.00

IRIS.

- Sixty varieties of the choicest German Iris. Per doz., 2.5025
- Kempfer’s Iris, distinct and fine. Per doz., 3.0035

YUCCA (*Adam’s Needle, Filamentosa*). A fine species; flowers yellowish white; produced in conical spikes; from two to four hundred florets. Plants will grow in any common soil50

DELPHINIUM. The following are very fine and distinct varieties:—

- Cœlestinum plenum*35
- Albo-cæruleum*35
- Albo-cœlestinum*35
- Nigro pallidum*35
- Azureum*35
- Elatum plenum*35
- Formosum*25
- Formosum cœlestinum*35

VIOLETS. Double white, double blue, English, variegated, and ever-blooming (single). Per doz., 2.00.

PHLOX. A very choice collection of best florist varieties.

- Per doz., sorts, 2.5025 to 1.00

CLEMATIS. A large stock of *Clematis Sophia, azurea grandiflora, hybrida, viticella, montana, Hendersoni, &c.* Superb hardy climbers. Those in Italics are the best.35 to 1.00

HARDY PERENNIAL PLANTS.

THE following hardy perennials are from the very extensive collection of a cultivator in this vicinity, who has given special attention to this class of plants. They require very little care, and continue to bloom year after year. They are, in fact, the most valuable of all flowering plants:—

	Each.
<i>Polyanthus</i> (extra). Per doz., 3.00 . . . . .	.35
<i>Polyanthus</i> . An early spring flower; greatly admired. Yellow, brown, purple, red. 6 inches. May. Per doz., 2.00 . . . . .	.20
<i>Yellow Primrose</i> . Bright yellow or straw; blooming in clusters like the <i>Polyanthus</i> ; blooms well in the house. Six inches. May. Per doz., 2.50 . . . . .	.25
<i>English Cowslip</i> . Yellow, tinged with red, 6 inches. May. Per doz., 2.00 . . . . .	.20
<i>American Cowslip (Dodecatheon)</i> . Purple, with bright-yellow centre; resembles the <i>Cyclamen</i> ; blooms in clusters. 8 inches. May. Perfectly hardy, and one of the finest of our native flowers. Per doz., 2.50 . . . . .	.25
<i>Lychnis Haageana</i> . Bright red; remains long in bloom; very fine in clumps or masses. 1 foot. June, July, August. Per doz. 2.50 . . . . .	.25
<i>Spiræa japonica</i> . White; in dense, feathery clusters; excellent for bouquets; blooms well in the house. 18 inches. June, July. Per doz., 2.50 . . . . .	.25
<i>Clematis integrifolia</i> . Deep purple; curious and beautiful. 18 inches. June, July. Per doz., 3.00 . . . . .	.35
<i>Clematis erecta</i> . Pure white; in large, dense clusters. 2 feet. June, July . . . . .	.35
<i>Aquilegia formosa, double</i> . A very fine, double columbine; blue, white, purple, flesh, and cream color. 2 feet. June. Per doz., 2.50 . . . . .	.25
<i>Aquilegia glandulosa</i> . Very fine. Blue and white, star-shaped, very large. 18 inches. June. Per doz., 3.00 . . . . .	.35
<i>Aquilegia cærulea</i> . Delicate sky-blue; graceful and beautiful. 18 inches. June . . . . .	.35
<i>Anemone pulsatilla</i> . Purple; very large; one of the most beautiful of early spring flowers. 1 feet. May. Per doz., 2.50 . . . . .	.25
<i>Lupine (L. polyphyllus)</i> . Blue and purple; in dense, upright spikes; the finest of all the <i>Lupines</i> . 2 feet. June. Per doz., 2.50 . . . . .	.25
<i>Large-flowered Campanula (Wahlenbergia)</i> . A superb perennial, with large, bell-shaped flowers, white, or deep purplish blue. 2 feet. June. Per doz., 2.50 . . . . .	.25
<i>Double White Campanula</i> . Pure white, fine. 2 feet. June, July, Per doz., 3.00 . . . . .	.35

	Each.
Double Blue Campanula. Resembles the last, except in color. Both are varieties of <i>Campanula Persicifolia</i> , and are among the most beautiful of the family. 2 feet. June. Per doz., 3.00 . . .	.30
Crowned Campanula. A <i>Campanula</i> of vigorous growth, bearing masses of bright-blue, semi-double flowers. 2½ feet. June, July. Per doz., 2.50 . . . . .	.25
Other Campanulas in variety. These, together with the above, comprise the finest of this beautiful family of perennials. Per doz., 2.50 . . . . .	.25
Liatris. Several species. Purple and red, in tall, upright spikes. 2 to 3 feet. July, August. Per doz., 2.50 . . . . .	.25
Oriental Poppy. A magnificent perennial. Flowers often six inches in diameter, of a vivid scarlet or crimson. The plant improves from year to year, and, for effect in the garden, surpasses the Pæony. 2 to 3 feet. June. Per doz., 3.00 . . . . .	.30
Ferruginous Foxglove. Very curious flowers, in spikes sometimes two feet long, and of a clear, brown color. 3 to 5 feet. June, July. Per doz., 2.50 . . . . .	.25
Other Foxglove. These are improved varieties of the old garden Foxglove. Many of them are white, spotted and blotched with deep purple and black. 3 feet. June, July. Per doz., 2.00 . . . . .	.20
Gaillardia Maxima. Yellow and purplish red, with dark centre; very profuse; bloom from June to October. 2 feet . . . . .	.35
Double White Achillea. Resembles the Feverfew, but perfectly hardy. 1½ feet. June, July. Per doz., 2.50 . . . . .	.25
Broad-leaved Statice. A very distinct and striking plant, with large spreading clusters of light purple flowers. 2 feet. July. Per doz., 3.00 . . . . .	.35
Lyon's Chelone. Bright purple flowers, in shape somewhat like the Snapdragon. 1½ feet. June, July. Per doz., 2.50 . . . . .	.25
Variegated-leaved Funkia. Very beautiful; variegated leaves in clumps close to the ground; blue flowers in spikes two feet high. July. Per doz., 4.50 . . . . .	.50
Trillium grandiflora. Pure white flowers, very large and fine; the best of the Trilliums. 1 foot. May. Per doz., 4.00 . . . . .	.40
Bearded Chelone. Bright coral-red, in tall spikes. 2 to 3 feet. June. Per doz., 2.50 . . . . .	.25
Iberis corraefolia. An admirable plant, with clusters of pure-white flowers, and bright evergreen foliage. 1 foot. May . . . . .	.35
Iberis Saxatile. Snow-white; beautiful. 1 foot. May. . . . .	.35
Iberis tenmoreana. A very dwarf, neat-growing evergreen plant; flowers white, shaded with purple. May and June . . . . .	.35
Asclepias tuberosa. Rich orange; in large, dense clusters. 2 feet. July. Per doz., 2.50 . . . . .	.25
Variegated Monkshood. Blue and white; fine. 2 to 3 feet. July. Per doz., 2.50 . . . . .	.25
Pyrenean Monkshood. Dark porcelain-blue; large clusters. 3 ft. July. Per doz., 2.50 . . . . .	.25

<i>Red Achillea.</i> Bright red; in clusters. 1 foot. July, August. Per doz., 2.00	.25
<i>Achillea tomentosa.</i> A remarkably neat and dwarf-growing species, with bright yellow flowers, blooming throughout the summer	.35
<i>Arabis lucida variegata.</i> A pretty variegated plant, with white flowers in May; good for edgings	.35
<i>Polygonum bistorta.</i> A dwarf species, with pink flowers in June and July	.25
<i>Stellarie pubera.</i> White in great profusion. June and July	.35
<i>Spirea ulmaria variegata.</i> Dwarf finely variegated; flowers white	.35
<i>Baptisia Australis.</i> Blue, pea-shaped flowers; abundant bloomer. 2 feet. June. Per doz., 2.50	.25
<i>Cerastium arvense.</i> A dense mass of white blossoms, like a patch of snow. 6 inches. May. Per doz., 2.00	.25
<i>Hibiscus palustris.</i> A superb native plant; rose-colored blossoms, four or five inches in diameter; loves moisture. 4 feet. July. Per doz., 3.00	.35
<i>Lychnis viscaria splendens.</i> Dense spikes of rosy-red blossoms. 1½ feet. June. Per doz., 2.50	.25
<i>Lythrum roseum superbum.</i> Purplish-red; in tall, erect spikes; very showy; in masses. 2 to 3 feet. June, July. Per doz., 2.50	.25
<i>White Periwinkle ("Myrtle").</i> Per doz., 2.50	.25
<i>Double Blue Periwinkle.</i> Per doz., 2.50	.25
<i>Variegated-leaved Periwinkle.</i> Per doz., 2.50	.25
The Periwinkles are well-known trailing plants, with evergreen foliage. The white variety is very beautiful and desirable. The double blue variety is a great improvement on the common single blue. These are perfectly hardy, and thrive anywhere; but the variegated-leaved kind requires the protection of a few leaves thrown over it in winter. 4 inches. May, June.	
<i>Gypsophila paniculata.</i> This is a rare and very valuable plant, with myriads of small white flowers, which surround it like a cloud. It is excellent for bouquets. 1½ feet. June, July. Per doz., 3.50	.35

Twelve of the above, one of each, the Proprietor's selection	2.50
Twenty-five of the above, one of each, the Proprietor's selection	4.50
Assortment of fifty Perennials, two of each, the Proprietor's selection	8.50
Assortment of one hundred Perennials, two of each, the Proprietor's selection	16.00

PAISLEY PINKS.

IN TWELVE NAMED VARIETIES.

These are very hardy, and thrive in any common garden soil. The flowers are double, of various shades, from pure white to white and pink, white and purple; most beautiful and ornamental for edging and small groups. In bloom June and July. Good for forcing. 50 cents each. Per doz., \$5.00.

MISCELLANEOUS AND BEDDING PLANTS.

Plants will be packed in the best manner, for which a reasonable charge will be made, and will be at the risk of the purchaser after delivery to the forwarding agent.

Plant Catalogue published April 1, and forwarded free on receipt of five cents.

	Each.
Ageratum Mexicanum. Blue. Per doz., 1.50 . . . . .	.15
Alyssum maritima. White. Per doz., 1.50 . . . . .	.15
" variegata. Variegated foliage. Per doz., 1.50 . . . . .	.15
Bouvardias. Per doz., 2.25.	
Carnations perpetual. Per doz., 3.00 . . . . .	.30
Chrysanthemums, large-flowered and pompone. Per doz., 2.50 . . . . .	.25
Cobea scandens. Fine climber . . . . .	.50
Coleus. Varieties. Per doz., 2.25 . . . . .	.25
Cuphea. Per doz., 2.00 . . . . .	.20
Daisies. . . . . .	.25
Dahlias. Per doz., 2.50 to 8.00.	
Dahlias Liliputian. Per doz., 3.00.	
Feverfew. Double white. Per doz., 2.00 . . . . .	.20
Fuchsias. Per doz., 3.00 . . . . .	.30
Gazania splendens. Flowers, orange; foliage, silver and green.	
Per doz., 2.25 . . . . .	.25
Geraniums. Sweet-scented, Zonale, and double-flowering . . . . .	.25
Heliotropes. Per doz., 1.50 . . . . .	.25
Hollyhocks. Fine double varieties . . . . .	.30
" New imported named varieties	1.00
Ivy. English, German, Coliseum, and Geranium-leaved . . . . .	.25 to 1.00
Lantanas. Per doz., 2.50 . . . . .	.25
Lobelia Paxtonia. Flowers pure white, blue margin . . . . .	.15 to .25
" gracilis. Blue . . . . .	.15
Lemon Verbena . . . . .	.25 to .50
Madeira Vines. Per doz., 2.50 . . . . .	.25
Maurandias. Handsome climbers . . . . .	.25 to .50
Moneywort . . . . .	.25
Nierembergias . . . . .	.25
Pansies. Fine English varieties. Per doz., 1.50 to 2.50 . . . . .	.15 to .25
Pelargoniums . . . . .	.25 to .50
Petunias, double and single. Per doz., 2.50 to 4.00 . . . . .	.25 to .50
Salvias, in varieties. Per doz., 2.00 . . . . .	.20
Stocks. A fine variety of the best kinds. Per doz., 1.50 . . . . .	.15
Tradescantias. Per doz., 2.50 . . . . .	.25
Tropæolums. Per doz., 2.25 . . . . .	.25
Verbenas. Splendid assortment. Per doz., 1.50.	
Variegated Balm. Per doz., 2.00 . . . . .	.20
Vinca alla. White . . . . .	.25
" rosea. Pink . . . . .	.25

NEW VARIETIES OF ZONALE,

AND OTHER VARIEGATED-LEAVED GERANIUMS.

A class of plants now extensively used for pot-culture, vases, and winter decoration of the greenhouse, as well as bedding out. The following new varieties are selected, and are confidently recommended:—

GERANIUM ZONALE.

	Each.
Eblouissant. Extra fine; scarlet, very brilliant . . . . .	.75
Gloire de Roses. Extra fine; rose color, good habit, free bloomer. . . . .	.75
Apollon. Orange color, nerved white . . . . .	.75
Belle-Rose. Brilliant rose-color; plant very dwarf . . . . .	.75
Berthe Foache. White, large, salmon-rose eye, very free bloomer. . . . .	.50
Charles Reust. Flesh color, carmine centre, large white eye; extra . . . . .	.75
Constant Herauld. Brilliant red, free bloomer . . . . .	.50
Colonel Rigau. Bright carmine marked with deep crimson, extra fine . . . . .	.75
habit	
Monseigneur Lavigerie. Red, with white border; enormous trusses; . . . . .	.50
plant dwarf	
Murillo. Extra fine, crimson-painted, vermilion on white ground; fine . . . . .	.75
habit	
Maria Van Houtte. Similar to Charles Reust, only lighter color . . . . .	.75
Charles Abrial. Granat color, white-edged, veined vermilion, white . . . . .	.75
eye, dwarf	
Bouquet parfait. Light maroon, large truss, extra fine	1.00
Madame de Carteret. Carmine, orange-white eye . . . . .	.75
Madame Dey. Brilliant salmon, extra fine, dwarf . . . . .	.75
" Guillot. " bordered with white; dwarf, extra bedding-plant	1.00
" Fillion. Rosy carmine, large truss . . . . .	.75
Secretaire. Hardy, brilliant cherry-red, very dwarf . . . . .	.75
M. Barillet Deschamps. Violet carmine, very large truss	1.00
Louis Vuillot. Deep carmine, extra fine . . . . .	.75
Orbiculatum. Fine red, white eye; good bedding variety	1.00
M. Bucharlatt jeune. Rose color, very dwarf	1.00
Madame Werle. Light flesh-color . . . . .	.75
Buisson ardent. Amaranth purple, new color, fine	1.00
The purchaser may select six, priced 75 cts. to \$1.00, for \$5.00.	

ZONALE NOSEGAY, or BOUQUET GERANIUMS.

Atropurpurea. Purplish carmine-red, enormous trusses; fine . . . . .	.75
Compactum. Suberb variety . . . . .	.75

	Each.
Gloire des Nosegays. Carmine, brilliant; largest truss known . . .	.75
Godfrey. Orange scarlet, extra fine habit . . . . .	.50
Rio des Nosegays. Brilliant rose, maculated white; the only kind known yet in its line . . . . .	.75
Statesman. Rosy violet; new color . . . . .	.75
Le Grand. Carmine; fine . . . . .	.50
Gloire des Massifs. Light red; very free bloomer . . . . .	.75.
The set of the above varieties, \$4.50.	

DOUBLE-FLOWERING ZONALE.

Ranunculæflora plenissima. Scarlet . . . . .	.75
Triomphe de Laurraine. Cherry carmine, accidentally white-striped; very free bloomer, dwarf habit	1.00



NEW ORNAMENTAL PLANTS.

AUBUTILON.

New Hybrids, remarkable for their dwarf habit and erect flowers; very desirable for bedding.

Abutilon violaceum . . . . .	.50
“ violaceum purpureum . . . . .	.50
“ luteum erectum. . . . . .	.50

The set of the above three, \$1.25.

DOUBLE PETUNIAS.

Petunia, Edward Beck. Very large flowers, magnificent . . . . .	.35
“ President Disrobert. Beautifully mottled . . . . .	.35
And many other choice varieties.	

LANTANAS.

Lantana Souvenir de Pekin . . . . .	.50
“ Elizabeth . . . . .	.50
“ Mr. Roempler. . . . . .	.50
“ fulgens mutabilis. . . . . .	.50

The set of the above four varieties, \$1.50.

LIBONIA FLORIBUNDA.

A very desirable greenhouse shrub, flowering from January to April in great profusion; similar color to *Marettia Bicolor*, but double the size; leaves very shiny green. This plant will, in future, be as indispensable as *Bouvardia Lyantha*. Each, 75 cts. Six plants, \$4.00.

POA TRIVIALIS.

One of the most desirable plants for vases or hanging-baskets. Its dense compact growth, with its distinct lines of white and green, make it one of the prettiest plants of its class. Each, 50 cts.

RIVINIA LÆVIS.

Pretty plant for greenhouse. Flowers white, in the shape of Veronica Lindleyana. The seeds are the color of Cayenne pepper. Forms itself on the spikes, tapering in size from a pea to the head of a pin. The effect of this plant, both in flower and seed, forms a most charming object. Each, 50 cts.

VERONICA IMPERIALIS PURPUREA RUBRA.

Purplish carmine, changing to clear white; beautiful. Each, 35 cts.

SOLANUM AMAZONICUM.

One of the most desirable border-plants; large violet flowers, with silver leaves; height, about eighteen inches; very attractive. Each, 75 cts.

SEDUM FABARIUM.

Very fine, variegated-foilage plants, with large white flowers. From six to ten inches high. Each, 50 cts.

ALTERNANTHERA.

A genus of plants known as ornamental-foiled plants, to which their varied leaf-tints of purple, yellow, pink, and crimson, well entitle them.

Alternanthera parychoides. Leaves tinted green, crimson, straw-color.

“	spathubata.	“	carmine and green.
“	versicolor.	“	light rose to deep crimson.
“	amæna.	“	yellow brown and rose color.

Each, 50 cts.; or the set of four varieties, \$1.50.

TRICYTRIS HIRTA FL. NIGRA.

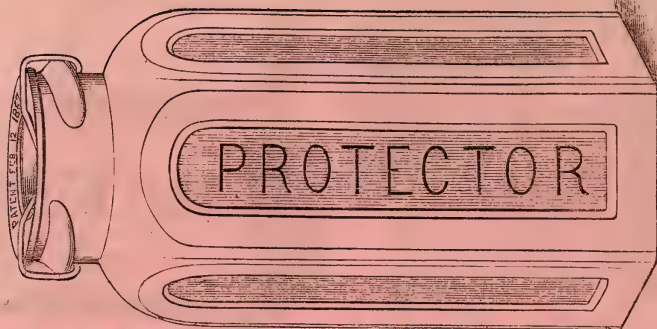
Fine herbaceous plant; flower black, with white edge. Each, \$1.00.

ANEMONE HONORINE JOBERII.

One of the most desirable herbaceous plants; flowers white, very large; blooms from June till frost. Each, 50 cts.

PLANTS FOR HANGING BASKETS.

In great variety, 25 to 50 cents each, consisting of *Isolepis*, *Tradescantia*, *Moneywort*, *Sibthorpia*, *Saxifrage*, *Lycopods*, *Ferns*, *Mosses*, *Vincas*, &c.



GLASS FRUIT-JARS

— A T —

Wholesale and Retail.

The undersigned are large dealers in the above-named articles, which they are enabled to offer at manufacturers' VERY LOWEST PRICES.

THE GLASS PRESERVING JARS,

Which have been thoroughly tested, and are at present giving ENTIRE SATISFACTION to purchasers, are

The "Millville," the New "Protector," and the Old "Lyman,"

All of which we can recommend most confidently.

RETAIL PRICES.

MILLVILLE.

1 Pint	\$3.00	per dozen.
1 Quart	3.50	" "
3 Pints	4.00	" "
½ Gallon	4.50	" "

PROTECTOR.

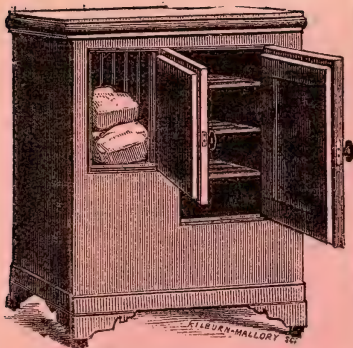
1 Pint	\$2.25	per dozen.
1 Quart	2.75	" "
½ Gallon	3.75	" "

LYMAN.

1 Pint	\$2.25	per dozen.
1 Quart	2.75	" "
½ Gallon	3.75	" "



The largest discount made to the trade, on application for a "Trade Circular,"



Upright Iceberg Refrigerator.



SCHOOLEY & WINSHIP'S
 ICE-KING AND ICEBERG
REFRIGERATORS

Are the great Original, Best, and only Perfect

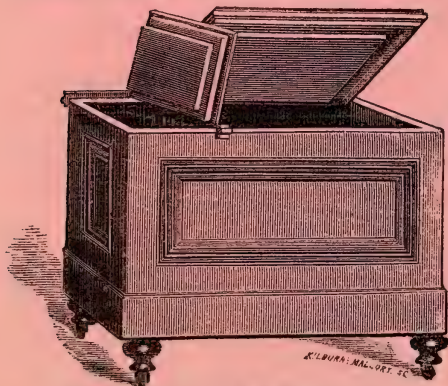
SELF-VENTILATING PRESERVERS

IN THE WORLD.

They will keep such articles as Fruits, Meats, Butter, Game, Fish, Milk,
 Eggs, Etc., Etc.,

Longer, Drier, and Colder

THAN ANY OTHER REFRIGERATOR NOW IN USE.



Horizontal Iceberg Refrigerator.

FOR SALE

—AT—

Wholesale and Retail.

—AT—

MANUFACTURERS'

LOWEST PRICES,

—BY—

CURTIS & COBB.

RETAIL PRICES AND DIMENSIONS

OF THE

Upright Iceberg Refrigerator.

NO.	LENGTH.	WIDTH.	HEIGHT.	PRICES.
1	32 Inches.	21 Inches.	48 Inches.	\$31 00
2	36 "	23 "	48 "	38 00
3	41 "	25 "	54 "	44 00
4	45 "	27 "	54 "	50 00
5	49 "	28 "	60 "	60 00

Add Three Dollars for Wine Drawers.

RETAIL PRICES AND DIMENSIONS

OF THE

Horizontal Iceberg Refrigerator.

NO.	LENGTH.	WIDTH.	HEIGHT.	PRICES.
1	33 Inches.	21 Inches.	29 Inches.	\$20 00
2	38 "	24 "	31 "	25 00
3	43 "	25 "	33 "	30 00
4	47 "	27 "	33 "	35 00
5	51 "	30 "	34 "	40 00

RETAIL PRICES AND DIMENSIONS

OF THE

Ice King.

NO.	LENGTH.	WIDTH.	HEIGHT.	PRICES.
0	26 Inches.	18 Inches.	24 Inches.	\$8 00
1	27 "	22 "	28 "	12 00
2	31 "	22 "	28 "	15 00
3	36 "	24 "	30 "	18 00
4	40 "	24 "	30 "	24 00

PORTABLE ICE BOX,

A very useful article to break up ice in—highly recommended. Length 19 inches; Height, on legs, 21 inches; Width 18 inches. Price \$6.00.

LARGER SIZES

MADE TO ORDER.

For full description, and Wholesale Price-List, send for a Refrigerator Pamphlet,

HORTICULTURAL IMPLEMENTS.

Avaruncators. —This article is attached to a pole, and is moved by a cord and pulley: it enables a person standing on the ground to prune trees, the branches of which could not, perhaps, be pruned by any other process . . .		\$2 50
Vine Scissors. —For thinning out Grapes	\$1 50	to 2 50
English Pruning Scissors.	1 25	to 2 00
Flower Gatherers. —Scissors combining Tweezers and Pincers: they are of great advantage in gathering roses, and other flowers which have thorny stems	1 50	to 2 50
English Slide and Spring Pruning Shears. —Strong, light, and convenient	2 00	to 3 00
American Spring Pruning Shears.	1 50	to 2 00
Ladies' Wood-Handled Garden Shears. —Very useful in trimming Shrubbery, &c., which is too large to be cut with one hand	2 00	to 2 50
Hedge Shears. —Six sizes and styles, from	2 00	to 5 00
Grass-Border Shears. —For Cutting Grass Borders	2 00	to 4 50
Grass-Edging Knives. —Used for paring the edges of Grass Borders, from	1 50	to 2 00
Pruning Saws	1 00	to 3 00
Pruning Saw and Chisel. —The blade of the Saw is attached to the blade of the Chisel at one end, and the socket of the Chisel-Handle at the other end		2 00
Garden Reels. —Various sizes and patterns, from	1 00	to 2 00
Ladies' Short-Handled Garden Forks. —Light, useful for weeding; various sizes		50 to 1 00
Transplanting Trowels	25	to 60
Dutch, or Push Hoes. —Cast steel, from 2 inches to 10 inches	75	to 2 00
Triangular Hoes. —These are also used as Tree Scrapers; from	60	to 90
Ladies' Garden Hoes	75	to 1 00
Cast-Steel Garden Rakes.	1 00	to 2 00
English Bill Hooks. —For pruning with one hand		2 00
Greenhouse Syringes. —Brass, best make; various sizes and patterns, from	3 00	to 15 00
“ “ “ “ Tin, painted		1 25
Grass Hooks, or Sickles. —Three sizes; from	75	to 1 50
Ames's C. S. Bright Spades.	1 50	to 1 75
“ “ “ “ Long Handled	1 50	to 1 75
“ “ “ “ Shovels	1 50	to 1 75
Ames's Best C. S. Bright Shovels. —Pointed Long Handle	1 50	to 1 75
Patridge's and other Manure Forks. —Round and flat tined	2 00	to 4 00
Weeding Forks. —Round and flat tined, cast steel		65
Best Spading Forks. —Four and five tines	1 75	to 3 00
English Double-Refined Patent C. S. Lawn Scythes	1 50	to 3 00
Saynor & Cook's Celebrated Pruning and Budding Knives. —Various sizes and patterns; from	1 75	to 3 00
American Budding and Pruning Knives. —Various sizes and patterns	75	to 2 00
Ladies' and Children's Sets of Tools	75	to 3 50

And many other articles connected with Horticulture and Agriculture.

Vose's Double-Acting Force-Pump.

One of the most useful articles of the day for Greenhouses, &c., &c. Price, without air-chamber, \$12.00. Price, with air-chamber, \$15.00.

Page's Force-Pump, or Garden and Greenhouse Syringe.—A very light, useful article. Tin, \$5.00. Brass, \$10.00.

Trowbridge's Grafting Wax.—First quality, in rolls for convenient use, 1 pound, 50 cents; ½ pound, 25 cents; ¼ pound, 15 cents.

Wood, Plant, and Tree Labels.—Per 1,000, \$1.25.

Caterpillar Brushes.—For the destruction of nests, 25 cents.

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MAILED, POSTPAID, ON RECEIPT OF PRICE.

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For Planting in Autumn, and for sale during the months of September, October, and November.

		PER DOZEN.
Hyacinths, Double and Single, the finest named sorts of various colors, white, blue, red, &c.		\$3 50 to \$8 00
“ “ “ “ Good sorts without names		1 50
Tulips, Byblemens, Bizards, Cherry and Rose, fine named sorts		1 50 to 3 00
“ “ “ “ “ “ “ “ Good sorts without names		75
“ Double, fine named varieties		1 50 to 4 00
“ Good sorts without names,		75
“ Duc Von Thol, very early, double and single		50 to 1 00
“ Parrot, finest named varieties		1 50
“ Mixed Assortments, containing many of the above without names		50 to 1 00
Jonquils, double and single, very fragrant		75 to 1 50
Crocus, fine named varieties, all colors		25 to 50
Mixed varieties. 20 cents per doz. \$1.25 per 100.		
Crown Imperials, assorted varieties		3 00 to 9 00
Iris, English and Spanish, a great variety		75 to 3 00
Snowdrops, double, 60 cents per doz.; single, 40 cents per doz.		
Polyanthus, Narcissus, and Double Narcissus, very showy and fragrant,		75 to 2 50

Collections of the above, containing an assortment of all the leading varieties, \$5, \$10, and \$20. A special Illustrated Descriptive Catalogue, published in September, sent to all applicants enclosing 5 cents.

CHINESE AZALEAS.

A fine assortment of all the leading varieties in fine bushy plants, nine to twelve inches	<i>Each.</i> <i>Dozen.</i>
	\$1 00 \$9 00
Larger plants, \$3.00 to \$50.00 each, according to size and form.	

HARDY GHENT AZALEAS.

One of the finest hardy shrubs in cultivation.	<i>Each.</i> <i>Dozen.</i>
Fine Plants	\$1 50 \$15 00
Older plants, \$2.00 to \$5.00 each.	

HARDY RHODODENDRONS.

A collection of the finest varieties; though perfectly hardy, will flower stronger and more freely in the Northern States by a covering of evergreen branches in winter.	<i>Each.</i> <i>Dozen.</i>
Fine Plants, about eighteen inches high	\$2 00 \$18 00
Older plants, \$3.00 to \$10.00 each, according to size and form.	

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