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Peter Henderson & Co's Catalogue of Everything for the Garden.

1881

Seedsmen & Florists,
No. 35 Cortlandt St
New York.
This new work (which we will have ready for delivery by February 1st, 1881) is designed to fill a want that many amateur and professional Horticulturists have often felt—the need of a concise yet comprehensive Dictionary of Plants. The work above named, written and compiled with great care, we think will fully meet such a want.

The scope of the work embraces the Botanical Name, Derivation, Linnean, and Natural Orders of Botany of all the Leading Genera of Ornamental and Useful Plants, up to the present time (comprising every plant of importance relating to the mechanic arts, as well as to the green-house and vegetable garden), with concise instructions for propagation and culture. A valuable feature of the book, particularly to amateurs, is the great care that has been given to obtaining all known local or common names; and a comprehensive glossary of Botanical and Technical Terms is also given, which will be found of great value even to the experienced Horticulturist.

As a book of reference, HENDERSON'S HANDBOOK of PLANTS will take the place, for all practical purposes, of the expensive and voluminous European works of this kind, as it has been written with a view to meet the wants of those engaged in Horticulture in this country. Instructions for the culture of many important plants have been given at length.

HENDERSON'S HANDBOOK of PLANTS (ready February 1st) is a large octavo volume of four hundred pages, printed on fine white paper, and handsomely bound in cloth.

We will forward the book, post-paid by mail, on receipt of $3.00; or we will send it as a Premium on orders for goods selected from this catalogue, for conditions of which offer, please refer to page 4.
TO OUR CUSTOMERS,

Particularly such as have not before dealt with us, we would suggest reading the following before making out their orders.

EVERYTHING FOR THE GARDEN. The advantage of purchasers being able to get everything wanted from one establishment has been well shown in the immense increase in our business since we began this system. We endeavor to supply every want of the Garden, Greenhouse or Grapery; whether it be in Fruit, Flower, Vegetable Seeds or Plants, Implements or Fertilizers, a detail of which will be seen at Index (page 5).

OUR PLANT DEPARTMENT, as it stands to-day, embraces upward of 120,000 square feet of glass—nearly three acres—certainly the most extensive range of greenhouse structures in America, and in the opinion of those of our professional friends who have had opportunities of making the comparison, the most complete and best arranged! It will thus be seen that we are not only enabled to send out plants, unsurpassed in health and vigor, but we can also well compete with any in the matter of prices.

OUR EMPLOYEES, for the most part, are trained florists and seedsmen, many of whom have been with us from ten to fifteen years. We employ an average of sixty throughout the entire season.

PLANTS AND SEEDS may be sent in the same package when desired, thereby saving additional express charges, but orders should be made on the separate order sheets (one of each, for seeds and plants, will be found in this catalogue). The order sheets should always be used, as it is much easier to fill orders when the order is written on them than when mixed through the body of a letter, which should never be done.

FORWARDING OF ORDERS (Seeds). Whenever it is desired we will send Vegetable Seeds by mail, but postage must always be added at the rate of 16 cents per lb. when ordered in quantities of one quarter pound and upwards; but when ordered in small quantities—by the packet or ounce—either Vegetable or Flower Seeds, will be sent by mail at Catalogue prices, without extra charge.

SEEDS AND PLANTS FOR EXPORT. Our trade now extends far beyond the confines of our own continent, our goods being sent to all parts of the globe. This export business, especially in Seeds, has, with us reached such proportions that we pay special attention to all such orders giving particular care to the packing and forwarding.

FORWARDING OF ORDERS (Plants). We send Plants by mail if desired, but earnestly advise that wherever there is an Express office, plants should never be sent by mail, as we not only send larger and finer plants when sent by express, but they arrive in better condition, and we always add enough, gratis, to cover express charges. It will be to the interest of purchasers to leave the selection of varieties to us, as it is difficult to judge of the merits of varieties by descriptions.

PACKING.—No charge is made for boxes, baskets or packing, and all goods are delivered at express or freight offices in New York free of charge. Our system of packing is so complete that we now ship every day, no matter how cold or how hot the weather may be, and during the season of 1880 we averaged only one complaint in every four hundred orders.

WE GUARANTEE safe delivery of all plants or seeds when sent by mail or express, but all plants sent by freight are entirely at the risk of the purchaser. Complaints, however, must be made at once on receipt of goods. We will not hold to our guarantee if, when a month after, from inattention or other causes, plants have failed and complaint is then made.

ANSWERS TO CORRESPONDENTS.—We are in receipt of hundreds of letters annually, asking for information on subjects connected with Horticulture. These we shall always be pleased to answer, provided that each question is put clearly by itself, leaving a sufficient blank space beneath the question for our answer. This plan not only saves us time, but the answer is more intelligible to the party in want of the information; and unless inquiries are so put, we shall not consider ourselves required to reply, as we have no time to read long letters.
HOW WE TEST SEEDS.—We think we possess some peculiar advantages as Seedsmen that we wish to tell to those to whom we are not personally known. The senior member of our firm is now and has been for the past thirty years, personally engaged in growing fruits, flowers and vegetables—in short, is a “Practical Gardener” in the most comprehensive sense of the term. Our Florists’ or Greenhouse establishment, which he personally superintends, covers nearly three acres, solid in glass, and employs an average of sixty hands throughout the year. These greenhouses, being at all temperatures, give us a certain means of testing the germinating qualities of all our seeds, and no seeds of any importance are ever sold without being subject to the most thorough test. We have also for the past seven years had a piece of ground set apart as an experimental garden, wherein samples of all the leading vegetables and novelties in flowers are tested. The value of this plan can hardly be estimated. Not only does it enable us to judge of what is meritorious in new varieties, but what is far better by this comparative test, to discard all varieties that in our judgment are unworthy of cultivation, by actual experiment under our direct personal superintendence. We cordially invite any one interested in such experiments to call and examine them during the Summer and Fall months.

OUR GARDENS IN JERSEY CITY are within forty minutes’ time, by Ferry Boat and Horse Cars, from our Seed Store, 35 Cortlandt Street, New York, where a card with plain directions of “How to reach the Nursery,” will be given to any one applying.

Parties wishing to see Peter Henderson personally will find him at the Greenhouses till 12 M., and at his office in New York from 1 to 3 P. M.

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

ABOUT GARDENERS, THEIR WAGES, ETC.—We are constantly having applications for gardeners, from our customers, in sections of the country where none have been previously employed, the applicants usually inquiring of us the rates paid in New York. As a guide to such, and to save us time in replying, we here state that the rates paid in the vicinity of New York now, vary, for single men, from $20 to $40 per month, and board, and for married men, from $30 to $60, with house to live in. The average of the former may be given as $30 per month and board; of the latter, at $45 per month and house. The grading of prices paid, of course, is in the ratio of ability, or the amount of charge to be taken. In several cases where unusual charge is required, or where a man displays unusual ability, a large advance on these rates is paid. In no occupation is so much injury done as in the garden, greenhouse, or grapeery, by changing men. In Horticulture the work done is nearly all prospective, and what the gardener does, or neglects to do to-day, will not probably show for three or six months after; hence the necessity of keeping the man satisfied in his position, for if not satisfied, and on the alert to move, it is not probable that he will interest himself as much in his work as if he was contented with his place. For this reason we have ever considered it bad policy to displace a good man for a few dollars’ advance in salary. We ourselves, with all our opportunities of selecting men, have often paid foremen one-half more than we could have got equally good men for, just to make them entirely satisfied with their position, as we well know that our interests would suffer if they were not so.

As the labor of placing gardeners and those wishing to engage them in correspondence with each other is entirely gratuitous on our part, employers must state what are their arrangements are, and about what wages are paid, and gardeners must state age, nativity, whether married or single, and all particulars, or their letters can receive no attention from us.

USE OF THE FEET IN SEED SOWING.—See article page 6.

SOWING OF FLOWER SEEDS.—See article page 8.

LOW-PRICED LIST OF PLANTS.—See page 129.
OUR PRICES.—We invite comparison of prices compared with condition of stock. If, for example, a rose is offered at 10 or 15 cents, it will be well to know whether such plants, usually a few inches high and of feeble growth, are not much dearer than a vigorous plant six times the size at 25 cents. The same rule applies to plants of all kinds. We give, however, usually a range of prices to suit the wants of all purchasers.

WE SELL NO CUTTINGS.—Every season we are applied to for cuttings—we sell no cuttings, long experience having shown us that the plan is a bad one for both buyer and seller. When cuttings are packed they generate a damp that is almost certain to destroy them before they would root; and to us who sell it would really be more troublesome to detach and pack cuttings than to send plants. To such as want small plants at low rates, see Low Priced List on page 120.

THE BEST DOZEN.—From both amateur and professional cultivators, we have complaints that everywhere the practice is to grow too many varieties, so that the selection of the “best” from catalogues is impossible even by those best qualified to do so; to help such, we have this season selected what in our judgment are the 12 “best and most distinct” kinds, whether new or old—for many of the sorts of ten and even twenty years ago are yet unequalled. “The best Dozen” embraces Monthly and Hybrid Perpetual Roses, Double and Single Geraniums, Verbena, Fuchsias, Carnations, Large Flowering and Bouquet Dahlias, Large and Small Flowering Chrysanthemums, Cannas, Crotons, Fancy Caladiums, Dracaenas, Coleus, Lantanas, Ferns, etc. For descriptions see Plant Department of this Catalogue.

ROSES.—The popularity that Roses have attained during the past ten years has induced propagators in all parts of the world to vie with each other in producing improved sorts, so that now the variety and perfection of form, color and fragrance is truly wonderful. Our aim in Roses, as in all other plants, is to limit our collection to what are the most distinct and best kinds; and by what we term our “Cold System” of culture, we feel satisfied that our plants will rarely fail to give satisfaction. In nearly all parts of the country the greater part of all the Roses sold are grown by the forcing process in hot greenhouses. Our plan is to store the plants we offer in cold pits during the winter and spring, so that when received by our customers they are in condition to grow with vigor.

TREATMENT OF PLANTS WHEN RECEIVED.—When plants are sent by mail, nearly all the soil is shaken off to lighten. If it is the season when they can be planted out doors, the ground should be first well dug up and pulverized—the plants when set out should be well firmed about the root, copiously watered once only when planted, shaded for two or three days when the sun is out, no further watering should be done, but a mulch of moss, manure or leaves around the roots would be beneficial. When received (by mail) at a season when they cannot be put out, they should be placed at first in as small pots as possible, sparingly watered until they show signs of new growth. If by express the plants are usually in such condition as require a size larger pot than they have been growing in.

SOIL is not of so much importance as is usually supposed. When practicable, about three parts rotted sod from any good pasture land is best, to one part well rotted manure, but when that cannot readily be obtained, the soil immediately underneath the sod mixed with manure will answer.

DRAINAGE.—When plants are first potted, or are cramped in small pots, there is no necessity for drainage; but as the practice with amateurs is almost universal to overpot plants, as a measure of safety, from one to two inches of broken charcoal or potshreds should be placed in the bottom of all pots over six inches in diameter, and what is even of more importance than this “crocking”—so called—is to have the plants set on a rough surface of gravel or fine cinders, so that a free escape of water can take place.

MOSS MULCHING.—This is a new practice we began in 1880. It consists in mixing the common moss of the swamps or woods with about one-twentieth of its bulk of bone dust. This is placed to the thickness of an inch or two on the top of the pot. Plants so treated quickly show surprising health and vigor. During the season of 1880 we used it on over a million of potted plants, embracing every species and variety we cultivate, with results that we never before saw equaled. It cannot be too highly recommended, whether for the humble amateur growing a few window plants, the gardener with his full appointed greenhouses, or the florist who grows to sell—to one and all we advise it, as it not only lessens labor, saving a re-potting of plants frequently for twelve months, but the vigor of growth, and productiveness of flower and coloring of foliage is perfectly astonishing.
INSECTS.—The insects that infest Greenhouse plants are principally the Aphis or green fly, the Thrip, the Red Spider, and Mealy Bug. Tobacco, either in the form of snuff or in solution—about the color of strong tea—or by smoke, by burning the refuse stems, in either way is quickly fatal to green fly, and will check in part the thrip. Either of the two first methods is most suitable for plants in rooms, but in the greenhouse the smoke is most convenient, using about one pound of the stems to every 1,000 square feet of glass, once a week or oftener. For Red Spider and Mealy Bug, Coles’ Insect Destroyer put on with a barber’s atomizer, is a certain remedy; or they may be sponged off with weak soapsuds.

MILDEW.—The great scourge of Roses under glass is easily checked by painting the hot-water pipes with a wash of Sulphur once in two weeks; or when not firing, use the prescription given at page 110, in “Practical Floriculture.”

HEAT, LIGHT, AIR, AND MOISTURE.—The temperature of most plants in the winter season at night should not exceed 55°, and it will do no harm if it occasionally falls to 45°, with from 15° to 20° higher in daytime. Light should be given whenever it can, directly on the plants from December to April; if it cannot, as in Window culture, the next best thing to do is to turn the plants occasionally, so they get equal share on all sides. Air, or Ventilation, is guided by temperature to be kept, but should never be given so as to blow directly on the plants. Moisture.—Plants should never be watered unless the soil indicates by its lightness of color that it is dry, and then they should be watered freely. This will be necessary two to three times a week in clear weather in winter; in Spring or Summer, nearly every day. If a plant is sickly or shows but little sign of growth, the remedy is to withhold water, almost to the point of shriveling, until it shows indications of growth. Avoid all fertilizers in such cases, and let Nature work out her own cure.

SHADING THE GLASS.—The best shading we have ever used is naphtha, mixed with a little white lead, so as to give it the appearance of thin milk. This can be put on the glass with a syringe, very quickly, at a cost not exceeding 25 cts. per 1000 square feet. It holds on the entire season until loosened by the fall frosts, which, for most plants, just the time required to be taken off.

LANDSCAPE GARDENER and GREENHOUSE ARCHITECT.—For the information of those desiring his services we can, with all confidence, recommend Mr. Peter B. Mead, of Namaroneck, N. Y., who has had a large and varied experience in this department. Mr. Mead’s good taste and judgment is displayed in some of the best laid out Grounds and Greenhouses in this vicinity.

PREMIUMS.—On all goods selected from this Catalogue (except “Low Priced List”), to the amount of $10.00 (in one order), we will send, without charge, purchaser’s choice of any one of Mr. Henderson’s three books—“Gardening for Profit,” “Practical Floriculture,” or “Gardening for Pleasure”—the retail price of which is $1.50 each; or on goods selected to the extent of $20.00 and upwards we will send the buyer his choice of any two of the above three books, or instead a copy of our latest work.

HENDERSON’S HANDBOOK OF PLANTS,

(A detail of its scope and character will be found on second page of cover.)

the value of which is $3.00; but it is understood that the book, or books desired, must be selected at the time of ordering. When the books are not wanted, their value may be selected in seeds or plants at catalogue rates.

HOW TO SEND MONEY.—Remittances should be made either by Draft, Post Office Order, or Registered Letter; but in no case should bills be sent in a letter, unless registered. Nearly all loss of letters is in those unregistered containing bills.

PETER HENDERSON & CO.,
35 CORTLANDT STREET,
NEW YORK.

Peter Henderson
James Reid
Alfred Henderson
The Use of the Feet in Seed Sowing.

The following article by our Mr. Peter Henderson originally appeared in the American Agriculturist, some four years ago, and the great value of its practical suggestions has since been freely acknowledged by hundreds of experienced cultivators. This was particularly the case at the meeting of the Nurserymen’s, Florists’, and Seedsmen’s National Association, held at Cleveland, O., in June of 1879, when Mr. Henderson again discussed the subject in more extended detail.

“For some years past I have, in writing on gardening matters, insisted upon the great importance of ‘firming’ the soil over the seeds after sowing, especially when the soil is dry, or likely to become so. I know of no operation of more importance in either the farm or garden, and I trust that what I am about to say will be read and remembered by every one not yet aware of the vast importance of the practice. I say ‘vast importance,’ for the loss to the agricultural and horticultural community from the habit of loosely sowing seeds in hot and dry soils is of a magnitude which few will believe until they have witnessed it. I believe it is a loss all too great to be regretted, when we know that by ‘firming’ the soil around the seed there is in most cases a certain preventive. Some two years ago I related how our crop of nearly two acres of celery plants was partially lost by neglecting to tread in the seeds, the dry, heated air of May shrivelling them and destroying their vitality. Proving by that lesson, I last season sowed two acres of celery seed (in quantity about 60 lbs.), the rows being about nine inches apart—'the marker' deepening the line some two or three inches. After the man who sowed the seed there followed another, who, with the heel of his right foot, pressed down with his full weight every inch of the soil over the seed. The ground was then lightly touched with a rake to level it, a light roller was then passed over it, and the operation was then completed. Our crop of plants, notwithstanding the intense heat and drought of the past summer, was as fine as it well could be, every seed seeming to have germinated. Besides this ‘firming’ of the soil had also prevented the dry, hot air from penetrating to the roots, so that though we nearly averaged 90 degrees during the month of July, hardly a plant was burned off. Now, from the same bag of celery seed that produced these plants, we sold seed to some hundreds of our customers, and we have already had scores of letters asking why their celery seed did not come up; not a few of them insinuating that the seed they had obtained was not good. To all such we, by letter, stated emphatically the cause of failure, and I trust that all whose seeds of celery or anything else fail to germinate, will first fairly investigate whether or not the fault has not been with themselves, rather than with the seed. Some years ago, as an experiment, I sowed seeds of beets, turnips, corn and spinach, in July, treading in every alternate row. The beets and corn matured their crops in every instance where the seed had been trodden in, and failed to do so where this had not been done. In the case of the spinach and turnip seeds, the rows trod in germinated freely and at once, while the rows of those that had been left loose nearly failed entirely. The experiment was made with a view to show that beets of all kinds sow as late as the first of July, when the seeds germinate at once, have yet time to produce a crop, and sweet corn has time enough to produce ears sufficiently mature for use in the green state, and, furthermore, to prove what I had long believed, that thousands upon thousands of acres of turnips fall from the want of ‘firming’ the soil when the seed is sown. Of course, if large areas are sown in turning the seed with the foot might not be practicable, the next best thing is the roller, but that must be heavy enough to effect the purpose. As I have before hinted in the case of celery plants, the looseness of the soil not only prevents rapid germination, but even if germination does take place, and a long period of hot and dry weather follows, the young plant may be burned out, if the soil is loose, so that the dry, heated air can penetrate to the weak and tender root. This burning out after the seed has germinated is sweeping in its effects on all seeds that are sown after midsummer, such as spinach, beets, turnips, &c., if the weather is dry and the soil loose. I beg to caution my inexperienced readers, however, by no means to tread or roll in seed if the ground is not dry. The soil may often be in a suitable condition to sow, and yet be too damp to be trodden upon or rolled. In such cases these operations may not be necessary at all, for if rainy weather ensue, the seeds will germinate of course, but if there is any likelihood of a continued drought, the treading or rolling may be done a week or more after the seed has been sown, if there is any reason to believe that it may suffer from the dry, hot air. Another very important advantage gained by treading in the seeds, is, that when we have crops of beets, celery, turnips, spinach or anything else that is sown in rows, the seeds to form the crop come up at once; while the seeds of the weeds, that are just as liable to perish by the heat as are those of the crop, are retarded. Such of the weed seeds as lie in the space between the rows when the soil is loose, will not germinate as quickly as those of the crop sown; and hence we can cultivate between the rows before the weeds germinate at all. Such was our experience the past season in the two acres of celery plants alluded to, as the rows of celery were clearly defined before the weeds had germinated at all, so that the hoe was applied at once, rendering the cost of culture less than one half what it would have been had the seeds of the celery and those of the weeds started simultaneously."

WHEN TO SOW VEGETABLE SEEDS.

Vegetable seeds that may be sown in this latitude, from the middle of March to the end of April, thermometer in the shade averaging 65 degrees.

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

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

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

We offer the following inducements to parties forming Clubs, or to those who wish to purchase packets in quantity. These rates apply ONLY to Flower and Vegetable Seeds BY THE PACKET, not when ordered by the ounce or pound. Seeds ordered in this way will be forwarded by mail, prepaid, to any address in the United States or Canada.

Purchasers remitting $1.00 may select seeds in packets, to value of

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Purchasers to the amounts indicated by the * (if in one order), besides selecting packets to the value as specified above, will be sent their selection, free of charge, of any one of our three books, "Gardening for Profit," "Practical Floriculture" (new edition), or "Gardening for Pleasure"; but it is understood that this double premium is only allowed when the entire order calls for packets of either Flower or Vegetable Seeds or both. Of course it will be seen that this special inducement does not conflict with our offer made on page 4, to send any one of our books to purchasers (in one order) of $10.00 worth of any goods offered in this Catalogue.

COLLECTIONS OF FLOWER SEEDS.

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<td>One Hundred Distinct Varieties. Our own selection</td>
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| BIENNIALS AND PERENNIALS. | One Hundred Distinct Varieties. Our own Selection | 4.00 |
| FIFTY DISTINCT VARIETIES. | " " | 2.00 |
| TWENTY DISTINCT VARIETIES. | " " | 1.00 |
| TWELVE DISTINCT VARIETIES. | " " | 50 |

| ASTERS. | Truffaut's Peony-Flowered Perfection. In 13 separate distinct colors | 1.00 |
| Reid's Improved Quilled. In 13 distinct colors. | 75 |
| Victoria. (Fine.) In twelve distinct colors. | 75 |
| Goliath. (New.) In six distinct colors. | 75 |

| BALSAMS. | Double Dwarf, Camellia-Flowered. In six colors | 75 |
| Rose-Flowered. In twelve colors | 1.00 |

| GERMAN STOCKS. | Dwarf German Ten-Weeks. In twelve colors | 1.00 |
| Brompton, or Winter-Flowering. In twelve colors | 1.00 |

| VARIOUS COLLECTIONS. | Carnations, Twelve beautiful varieties | 1.50 |
| Climbing Plants. Twelve selected varieties | 50 |
| Dianthus. Twelve finest varieties | 75 |
| Geraniums. Collection of newer types, shown in color plates of 1890 | 1.00 |
| Helichrysum. (Everlasting Flowers.) Ten varieties | 75 |
| Hollyhock. (Chater's.) Twelve choice varieties | 75 |
| Ornamental Gourds. Twelve distinct species | 75 |
| Ornamental Grasses. Twenty-four varieties | 1.50 |
| Ornamental-Leaved Plants. Twelve species | 75 |
| Petunia. New large-flowering, single. Six varieties | 1.50 |
| — New large-flowering, double. Three varieties | 2.50 |
| Phlox Drummondii. Twelve beautiful varieties | 75 |
| New large-flowering. Six varieties | 1.00 |
| Portulaca. Double. Six distinct varieties | 75 |
| Sweet Peas. Six distinct colors | 1.50 |
| Wallflower. Double. Six finest varieties | 75 |
| Zinnia Elegans. Finest double. Six varieties | 75 |

Any of the above collections of Flower Seeds sent free by mail on receipt of price.
With such an extended and varied list of Flower Seeds as we offer, we can here only give space for a few general suggestions as to their sowing and after-treatment. More specific cultural instructions will be found printed on every packet of Flower Seeds that we send out. At the same time the following practical directions, taken from Peter Henderson's "Practical Floriculture," we believe cannot fail to prove of value to amateur cultivators.

"Nature provides abundantly for the reproduction of plants, and the difficulty of multiplying by one method is compensated by the ease with which it may be done in another. Whenever we find a plant takes root with difficulty from 'slips' or cuttings, in nine cases out of ten we find that it seeds freely, and gives us a ready means of increase. Thus we find the much admired Centaureas, one kind of the 'Dusty Millers,' the white-leaved plants now so much used in massing and for baskets, are exceedingly difficult and slow to root from cuttings, but are readily raised from seeds. Our fine strains of blotched Petunias are also troublesome as cuttings, but make plants quickly from seeds. The Cyclamen, with its turnip-like stem or bulb, could only be propagated by cutting in pieces, disfiguring its shape, and requiring years to form a circular bulb again, but here we have seed coming to our help which germinates freely, and makes a flowering plant in one year. The Apple Geranium never affords proper cuttings from which to make a plant, but it seeds freely, from which splendid plants can be produced in a few months. So the Primulas and Cinerarias, both slow and uncertain from cuttings, seed freely. And so with hundreds of other plants, to which our space will not permit us to refer. There is no rule by which we can designate what plants are best propagated by seeds, and what by cuttings, experience being the only teacher, and even the experience of a lifetime is too short for those of us that have had the largest practice.

"Seedling plants can be nearly as well raised in the window of a sitting-room or parlor, provided the temperature is right, as in a greenhouse, for seeds do not need a strong direct light while germinating—in fact, that is often a difficulty in a greenhouse, as the surface of the seed-bed dries up too quickly in the direct sunshine, necessitating watering, which bakes the surface. The best thing wherein to sow seeds is shallow boxes; these need not be more than two or three inches deep, with open seams at the bottom through which water will drain quickly. Fill the boxes within half an inch of the top with light, rich earth; if it can be procured, nothing is better than black leaf mold from the woods, or light sandy soil, mixed with an equal bulk of stable manure, so rotted as to resemble leaf mold; it will not answer unless rotted as fine as dust. In the absence of either of these, sweepings from a paved street are excellent, mixed with light sandy soil, the object in all cases being lightness of the soil or mold in which the seed is to be sown; for if tiny seeds, as many of our flower-seeds are, are imbedded in a stiff soil, the germ in many of them is too weak to push its way to the light. When the proper soil has been secured, pat it down with a smooth board until it is as smooth and level as it well can be, then sow the seed over the surface, distributing it evenly; then take a common kitchen sieve and sift just so much earth evenly over the seed as will cover it, and no more; then take a watering-pot with the finest kind of a rose, and shower the earth with spray. Keep the box at a temperature as near sixty degrees as possible, taking care to give it a shower of spray only when the surface appears to be dry; but few seeds will fail to germinate under such conditions. But after the seeds have 'braided,' as the Scotch gardeners say, comes another difficulty; in quite a number of plants, particularly if sown in the house, just as soon as the seed leaf has developed, and before the first rough or true leaves have formed, the seedling is attacked by a minute fungus, that will often sweep off the whole crop in forty-eight hours if not attended to. The required attention is, that as soon as there are indications of the 'damping off' of these tiny seedlings, they must be carefully taken up and planted out in similar boxes, prepared exactly as the seed-boxes have been; they may be planted quite closely, not more than half an inch apart, and let their further treatment be exactly as in germinating the seeds. In the course of a few weeks they will have grown freely, and they may then be lifted and be placed in similar boxes, but wider apart, say three or four inches, or potted singly in two and a half or three inch pots as most convenient, until such a time as they are to be planted out in the open ground, or to be used otherwise."
For Novelties in Flower Seeds, please see pages at the end of this General List.

**GENERAL LIST**

of

FLOWER SEEDS.

All Flower Seeds sent Free by Mail on receipt of price.

**ACOBRA.** (See cut.)

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

**ABRONIA.**

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

**Abronia Arenaria.** Waxy yellow, ½ ft. .

**ABUTILON.**

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

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

**— Darwinii.** A fine novelty, of three years ago. Flowers parachute-shaped, 2 inches in diameter; color deep orange, tinted crimson..

**ACACIA.**

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

**Acacia.** Fine mixed varieties .

**ACONITUM.**

Showy hardy perennials, growing well under trees, shrubbery, or other shaded situations. **Perennials.**

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

**ACROCLINUM.**

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

**Acroclinium Album.** Pure white, 1 ft. .

**ACROSTEMA.**

Hardy herbaceous plants, free-flowering, and attractive. **Perennials.**

**— Agrostemma Celi Alba.** Pure white, 1 ft. .

**ADONIS.**

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

**Adonis Estivalis.** Scarlet, 1 ft. .

**— Autumnalis.** Crimson, 1 ft. .

**AGROSTEMA.**

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

**Alonsoa Grandiflora.** Bright scarlet, ½ ft. .

**— Lintrolla.** A novelty three years ago; flowers beautiful scarlet. .
**AGERATUM.**

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

_Ageratum Mexicanum._ Lavender blue, 2 ft. ... 5
— _Album._ White, 15 in. ... 10
— _Nanum._ Dwarf blue variety, 5 in. ... 5
— _Lasseauxii._ Rose-colored, 15 in. ... 10

**ALYSSUM.**

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

_Alyssum, Sweet._ Flowers white. **Hardy Annual.**
— _Saxatile Compata._ Showy yellow. **Hardy perennial.**
— _Wiersbeckii._ White and yellow. **Hardy perennial.**

**AMMOSPERMA.**

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

_Ammospermum Atum._ 2 ft. ... 5

**ANAGALLIS.**

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

_Ananas Sanguinea._ Ruby red, ½ ft. ... 10

**AMORPHOCLONIUM.**

Alyssum, Aminobium, Ageratum...

**ANEMONE.**

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

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

**ANGELONIA.**

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

_Angelonia Grandiflora._ Described above. ... 25
— _Atropurpurea._ (See Novelties). ... 50

**ANTIRRHINUM MAJUS.** (Snap Dragon). One of our favorite plants, of the easiest culture, and unsurpassed for summer and fall flowering. Of late years there has been a great increase in the numberless varieties produced. The strains we sell are particularly fine, and will fairly vie with the Carminum in the variety of their stripes and spots. **Perennials.**

_Antirrhinum Majus Tom Thumb._ Dwarf-growing, 1½ ft. ... 5
— _Fine Mixed._ From our named collection, 1 to 3 ft. ... 5
— _Turner’s Extra Choice._ Saved from finest flaked and mottled varieties. ... 25
ARISTOLOCHIA (Dutchman's Pipe). A quick-growing climber, attaining a height of 30 feet, with large heart-shaped foliage, and whose specific name, Siphonurus, refers to an account (account of its flowers, which are curved like a siphon; it is, however, more widely known under its rather unusual name of Dutchman's pipe, Aristolochia Perennis).  

APARULA. This hardy annual attains a height of 12 inches, bearing beautiful light blue flowers, sweet-scented. Asperula Azurca Setosa. Blue, 1 ft.  

ASTER, QUILLED. 

ASTERS. 

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

Aster, China. Fine mixed.  

BOLD'S GERMAN QULLED. Flowers double; the petals have the appearance of quills or tubes; height from 1½ to 2½ ft.; best mixed colors.  

TRUFALT'S PEONY-FLOWERED. Very double, of fine form, round as a ball; produces few side flowers; 1½ ft.; in height; many colors, mixed.  

PEONY-FLOWERED PERFECTION. Flowers large and double, the petals beautifully incurved; one of the best in every respect; twenty beautiful colors, mixed.  

DWARF PEONY-FLOWERED PERFECTION. "Black Blue." A novelty of 1879, presenting a new color in a new race of Asters. It grows but a foot high, producing in abundance peony-like flowers of a dark blue shade.  

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

Arabis Alpina. White, 3½ ft.  

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

Arctotis Brevi-capa. Bears large orange-colored flowers, with dark centre, 1½ ft.  


ARDISIA. 

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

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

Argemone Grandiflora. White, very handsome, 2 ft.  

Hunnemannii. Carmine and yellow, 2 ft.  

Mexicana. Yellow, 2 ft.  

AQUILEGIA (Columbine). Per Pt.

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

AQUILEGIA Alba Flore Plena. Double white, 1½ ft.  

A. Californica. A strong growing, beautiful variety, attaining a height of 4 ft. Flowers bright yellow, produced freely all summer. (See Cult.)  

A. Coerulea. Another fine sort introduced last season. The centre petals are yellow, while the spurs and sepals are a beautiful porcelain blue. 

As both of these hybrids are perfectly hardy, they will be an important addition to the old, but pretty genus of Columbine.

A. Durandii. Double, red and white striped, 1½ ft.  

A. Grandiflora. Blue and white.  

A. Skinneri. Scarlet and yellow, 1½ ft.  

A. Mixed Double. All colors.  

A. Single. All colors.  

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A. Brevi-capa. Bears large orange-colored flowers, with dark centre, 1½ ft.  

A. Grandiflora. Silver-gray foliage. Flowers yellow, having orange crimson centre.  

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

A. Grandiflora. White, very handsome, 2 ft.  

A. Hunnemannii. Carmine and yellow, 2 ft.  

A. Mexicana. Yellow, 2 ft.  

Peter Henderson & Co. - Flower Seeds.
PETER HENDERSON & Co.—FLOWER SEEDS.

**BLUMENBACHIA.**

<table>
<thead>
<tr>
<th>Per Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Of this we have but one variety, <strong>B. Coronata</strong>, a fine-looking plant. Its flowers are coronet-shaped and orange-red in color.</td>
</tr>
<tr>
<td><strong>Blumenbachia Coronata</strong></td>
</tr>
</tbody>
</table>

**BARTONIA.**

**BARTONIA.**

**CALTIFLORIS.**

Plants of a succulent character, with large golden flowers, expanding only in the middle of the day. When in perfection this is a fine plant, and, although it habit and foliage are less attractive than some other annuals, in size and brilliancy of blossoms it is inferior to none. **Bartonia Ance.** Golden yellow, 2½ ft. 5

**BEGONIA.**

**BEGONIA HYBRIDA.**

In the greenhouse or in winter, the graceful pendulous flowers of this beautiful class renders them most desirable, but with added beauty in their glossy waxen foliage they are simply superb. They are equally adapted, too, for summer planting. **Begonia Pearci.** This possesses the quality so seldom found in the same plant, of having both beautifully colored leaves and large showy flowers. **Begonia Fer.** Yellow. 25

**Ne Plus Ultra.** Flowers bell-shaped, of immense size, and of a light, dazzling scarlet.

**Sedentia Victoria.** A splendid hybrid variety, having bright crimson-scarlet flowers.

**Veitchii.** A splendid novelty, with thick fleshy leaves, and large orange-scarlet flowers. This species is hardy in sheltered and dry situations, and will form a most novel addition to rock-work plants.

**Incaia.** The foliage of this variety is covered with a white down, giving it a singular appearance.

**Rubra.** A newer variety, of which seed is offered for the first time. Foliage of darkest green; the color of the flowers is scarlet-rose, glossy and wax-like.

**Washingtoniana.** Also a new variety, winter flowering, with glossy leaves, and immense clusters of snow-white flowers.

**Hybrida.** Choice mixed, from the finest varieties.

**BRACHYCOME.**

**BRACHYCOME.**

Dwarf-growing plants, covered all summer with a profusion of cheerful-like blooms, **Half-hardy Annuals.** **Brachycome Alberdifo.** (Swan River Daisy). Mixed blue and white, ½ ft. 10
BROWALLIA.  Per Pkt.
It is only within a few years that the great value of the Browallia as a bedding plant has been shown. It is now considered indispensable in all massing and wheel gardening; indeed, for all bedding purposes, it is used almost as freely as the Coleus. It is easily reproduced from seed, and requires no special cultivation. Half-hardy Annuals.

Browallia Elata Cornucopia. Blue, 1½ ft. 5
— Alba. White, 1½ ft. 5
— Rosea. Rose, 1½ ft. 5
— Koezlinii. Mixed colors, 1½ ft. 5

CALAMPELIS (Eccremocarpus). A quick-growing climber, attaining a height of 10 feet in a season, and bearing profusely clusters of orange-colored tube-like flowers.

Calampeis Seaber 10

CALANDRINIA.  Per Pkt.
Calandrinia Grandiflora. Rose pink, 1¼ ft. 5
— Umbellata. Violet crimson, ¾ ft. 5

CALCOCALCARIA.  Per Pkt.
Calcocaria, New Dwarf. A beautiful dwarf variety; can be grown without stakes, and is literally loaded with blooms. Perennial.
— Shrubby, Splendid varieties for bedding; finest mixed. 50

CANDYTUFT, DARK PURPLE.

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

Candytuft, Fragrant. Pure white, pinnated foliage, 1½ ft. 5
— Crimson. Very beautiful, 1½ ft. 5
— Lilac. Dwarf, very compact, 1½ ft. 5
— Dark Purple, (See Om) 5

CANDYTUFT (Cape Marigold). Hardy annuals, free blooming and attractive, and growing well in almost all situations.

Calendula Plusialis. Large, pure white 5
— Pongel ft. Pl. Double white 5
— Officinalis "Meteor" (Novelty, 1890). Large yellow 50

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

Campnula Carpathica. Mauve. Hardy Perennial, 1 ft. 5
— Carpatica Alba. Pure white. Hardy Perennial, 1 ft. 5
— Lored. Purple-lavender. Hardy Perennial, 1 ft. 5
— Lored Alba. White, tinged with silver gray. Hardy Perennial, 1½ ft. 5
— Pyramidalis. Blue. Hardy Perennial, 3 ft. 5
— Pyramidalis Alba. White. Hardy Perennial, 3 ft. 5
— Speculum (Venus' Looking-Glass). Blue, ¾ ft. 5
— — dono pleno. White, ¾ ft. 5

CANDYOPSIS, or COREOPSIS. This interesting genus is a native of this country, and rank among the best annuals. The flowers on the outer edge are yellow, having a dark purple centre. Hardy Annuals.

Candyopsis. Finest mixed 50

CARINATES, or CORDES. While the plants are yet very small this begins to bloom profusely, continuing throughout the summer and fall. Hardy Annuals.

Carrilhoe Involucrata. Dark purple or crimson 1 ft. 10
— Pedata. Crimson-purple, with white eye, 2 ft. 10

CARYOPHYLLACEAE. A family of plants, mostly herbaceous, very hardy in the hothouse, and most suitable for the cutting garden. Hardy Annuals;

Caryophyllaceae Grandiflora. crimson-orange, 1½ ft. 5
— Premium. Bright crimson, 1½ ft. 5
— Speculum. Blue, 1½ ft. 5
— Pinnatus. White, 1½ ft. 5

CARNET, or CAREX. This is a pretty little flower, suitable for town gardens, and will do well in the front of beds, or in raised beds in the open ground. Hardy Annuals.

Carriotes. Finest mixed 50

CARYOPHYLLACEAE, or CARYOPHYLLUM. Hardy herbaceous annuals, generally doing well in the open ground. They are much used for the purpose of filling in the spaces between the borders, and are excellent for the back of small borders, as well as for the front of beds.

Caryophylleum. Finest mixed 50

CARYOPHYLLACEAE, or CARYOPHYLLUM. Hardy herbaceous annuals, generally doing well in the open ground. They are much used for the purpose of filling in the spaces between the borders, and are excellent for the back of small borders, as well as for the front of beds.

Caryophylleum. Finest mixed 50
### CANDYTUFT (Continued). Per Pkt.
- Rocket. Pure white, in large trusses, 1 ft. .......... 5
- White. Very delicate, 1 ft. ......................... 5
- New Carmine. (See Novelties).................. 25
- Fine Mixed. 1 ft. .................................. 5
- Perennials (L. Serenissimum). 1 ft. ............... 10

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

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

### CANTERBURY BELLS (Campanula Medium).
An old garden favorite, belonging to the class of plants known as Hardy Biennials.

- Canterbury Bells, Double Mixed. 2 ft. ............... 5
- Single Mixed. 2 ft. .................................. 5

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

- Carnation, Extra Choice Bizarre. Saved from an unequaled collection of named flowers, which will produce a fine assortment of superbly colored varieties, including fancies, bizzards, and selfs. .......................... 90
- Perpetual, or Tree. From the best collection extant, and may be expected to produce beautiful new varieties, of various colors and of the highest merit. .......................... 90
- New Grenadin. (See special description in Novelties) .............. 25
- Monthly, Fine Double German, Mixed. From named flowers. ................ 25
- Mixed. For border culture. ................................ 10

### CASTOR OIL BEANS (See Ricinus).
Free-blooming hardy Annuals of the easiest culture.

- Catchfly, Red. 1 1/2 ft. ............................. 5
- White. 1 1/2 ft. ..................................... 5
- Rose. 1 1/2 ft. ..................................... 5
- Mixed. ............................................... 5

### CEDRONELLA. Per Pkt.
- Long Spikes of flowers, remaining a long time in bloom, with fragrant foliage are the characteristics of this Hardy Perennial.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceredonella Canna</td>
<td>Purple, 2 ft.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Celosia Pyramidalis Aurea</td>
<td>Golden yellow plumes, very fine, 3 ft.</td>
</tr>
<tr>
<td>Coccinea</td>
<td>Rich Carmine, 3 ft.</td>
</tr>
<tr>
<td>Cristata Variegata</td>
<td>New variegated Cockscomb</td>
</tr>
<tr>
<td>Cristata (Cockscomb)</td>
<td>Dwarf, crimson, 1 ft.</td>
</tr>
<tr>
<td>Dwarf Mixed (Cockscomb)</td>
<td>1 ft.</td>
</tr>
<tr>
<td>Glasgow Prize</td>
<td>An improved variety of Cockscomb, producing large blooms of dark crimson</td>
</tr>
<tr>
<td>Japonica (New Japanese Cockscomb)</td>
<td>A new variety of great beauty; the branches are scarlet or crimson; the combs are almost as delicately cut as ruffled lace, often in pyramidal masses, while the colors are of the brightest imaginable.</td>
</tr>
</tbody>
</table>

### CENTAUREA GYMNOCARPA.

### CENTAUREA CANDIDISSIMA.

### CENTAUREA (Dusty Miller).
All the varieties here named, except C. Americana and C. Cyanus, are among the best silver-foliaged plants in cultivation. Hardy Perennials.

### CENTAUREA AMERICANA.
A strong-growing annual variety, flowers reddish purple. ......... 5

### CYANUS.

### CANDIDISSIMA.
Splendid silvery-leaved plant, 1 ft. .................... 25

### CLERMONT.
A new, robust, and free-growing variety, producing crowns of silvery leaves, deeply fringed and cut. 1 1/2 ft. ............... 25

### GYMNOCARPA.
A very graceful silver-foliaged variety, perhaps the best for bedding purposes. 1 1/2 ft. .......... 25

### CENTRANTHUS.
Compact-growing plants, blooming freely. Hardy Annuals.

### CENTRANTHUS.
Mixed, red and white .................................. 5

### CERASTIUM.
Silver-leaved plants, very suitable for edgings and rockwork. Hardy Perennials.

### CERASITUM BIEBERSTEINI.
Leaves silvery white, 1 1/2 ft. ..................... 10

### TOMENTOSUM.
Gray-covered leaves, 1 1/2 ft. .................... 10
**CERINTHE (Honeywort).** Per Pkt.
The blossoms of these showy Annuals secrete honey freely, which makes them much resorted to by bees.

<table>
<thead>
<tr>
<th>C. Aspera. Golden yellow, 1 ft</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gymnandra. Yellow and brown, 1 ft</td>
<td>10</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chamaepeuce Casabone. Glossy dark green leaves, with white nerves and brown spines. <em>Half-hardy</em>.</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dianthus. Magnificent ornamental foliaged Biennial, with long leaves thickly set with spines 2 ft.</td>
<td>10</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chrysanthemum Harridgeana. Crimson, white centre. <em>Hardy Annual</em>. 1 ft</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Venustum. White, crimson centre. <em>Hardy Annual</em>. 1 ft</td>
<td>5</td>
</tr>
<tr>
<td>Coronarium. Double white. <em>Hardy Annual</em>. 2 ft</td>
<td>5</td>
</tr>
<tr>
<td>Double yellow. <em>Hardy Annual</em>. 2 ft</td>
<td>5</td>
</tr>
<tr>
<td><strong>Mixed Annual Varieties.</strong></td>
<td>5</td>
</tr>
<tr>
<td>Prutenense. Yellow marguerite. 2 ft</td>
<td>25</td>
</tr>
</tbody>
</table>

**CINERARIA HYBRIDA.**

<table>
<thead>
<tr>
<th>CINERARIA. The class known as <em>C. Hybrid</em> is a very attractive greenhouse plant, and is justly much admired. The variety <em>C. Maritima</em>, also offered, is altogether different, having no beauty in its flowers, being cultivated for its silvery foliage, which alone makes it one of the finest plants for ribbon lines and masses that is crown.</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cineraria Hybrida. Extra choice mixed color. From price varieties.</td>
<td>50</td>
</tr>
<tr>
<td>New Dwarf. Finest mixed.</td>
<td>25</td>
</tr>
<tr>
<td>New Double Flowering. The blooms of this novelty are perfectly double. They are representatives of all the modifications of colors usually found among Cinerarias—namely, crimson and magenta, purple, both dark and light, as well as flowers tipped with several tints of violet and white.</td>
<td>50</td>
</tr>
<tr>
<td>Maritima. An ornamental-foiliaged plant, with large silvery leaves.</td>
<td>10</td>
</tr>
</tbody>
</table>

**CLARKIA.** Per Pkt.

<table>
<thead>
<tr>
<th>Clarks Rosea fl. pt. Beautiful double variety.</th>
<th>15 ft.</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrapectata. Rosy crimson, large and handsome, 1½ ft.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Pulchella. Deep rose, 1½ ft.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Alba. Pure white, very pretty, 1½ ft.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td><strong>Finest Mixed Varieties.</strong></td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

**CLEMATIS.**
A well-known hardy climbing plant.

<table>
<thead>
<tr>
<th>Clematis Flammula. White, fragrant, 15 ft</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virginia. Green.</td>
<td>25</td>
</tr>
</tbody>
</table>

**CLEOME.**

<table>
<thead>
<tr>
<th>Cleome Rosea. Half-hardy Annual, with rose-colored flowers, 2 ft.</th>
<th>25</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Glaunthus Damperi. A magnificent shrub; flowers in clusters, drooping, pea-shaped, 4 inches in length, of a brilliant scarlet, with intense black spots in the centre of each flower.</th>
<th>25</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>German Flag.</strong> A new and beautiful form of Chlantus Damperi, so named from the resemblance of the flower to the flag of the German nation.</td>
<td>50</td>
</tr>
</tbody>
</table>

**COLEA SCANDENS.**

<table>
<thead>
<tr>
<th>Colea Scandens.</th>
<th>10</th>
</tr>
</thead>
</table>

**COBÉA.**

<table>
<thead>
<tr>
<th>A fine summer climbing plant, quick-growing, and bearing large bell-shaped purple flowers. In sowing place the seed edgewise, and cover lightly. <em>Half-hardy Perennial</em>.</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cobea Scandens. Purple, 20 ft. (See Oct.)</td>
<td>10</td>
</tr>
</tbody>
</table>

**COCCINEA.**

<table>
<thead>
<tr>
<th>A handsome climbing gourd, with glossy foliage and scarlet fruit. <em>Half-hardy Perennial</em>.</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocinea Indica. Scarlet.</td>
<td>10</td>
</tr>
</tbody>
</table>

**COCKSCOMB (See Celosia Cristata).**

**COLEUS.**

<table>
<thead>
<tr>
<th>Coleus are indispensable wherever colored leaved plants are desired. The variety now number legion, and the seed we offer may be expected to produce many new striking varieties. <em>Half-hardy Perennial</em>.</th>
<th>25</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coleus. Mixed.</td>
<td>25</td>
</tr>
<tr>
<td>New American Hybrids.</td>
<td>50</td>
</tr>
</tbody>
</table>
COLLINSIA. Per Pkt.
Very pretty plants with purple, blue and white flowers. Hardy Annuals.
Collinsia. Mixed ........................................ 5

COLLOMIA. Used for border beds; flowers buff colored. Hardy Annuals.
Collomia Grandiflora ....................................... 5

CONVOLVULUS MINOR TRICOLOR.

CONVOLVULUS.
All will recognize in this the most popular annual in cultivation, for in this tribe is included the well-known Morning Glory, Half-hardy Annuals.
Convovulus Aureus Superbus, Beautiful gold, 15 each, 1 ft ........................................ 25
— Major (Morning Glory). Fine mixed varieties ... 5
— Minor Tricolor. Violet, purple and white, 1 ft Hardy Annual. (See Cut) .................................. 1
— Minor Ulcaulis. A new variety of upright growth, compact heads of rich purplish blue flowers. Hardy Annual .................................................. 10
— Mauritanicus. Beautiful for hanging baskets and vases; flowers blue. Hardy Perennial .... 10

COSMANTHUS.
A neat little spreading plant, with pretty fringed flowers. Hardy Annual.
Cosmanthus Fimbriatus. Lilac and white, 1 ft .... 5

COSMIDUM.
A beautiful Coreopsis-like Annual, with large and very showy flowers, admirably adapted for groups or marginal lines. Hardy Annual.
Cosmidium Burridgeanum. Crimson, brown and yellow, 2 ft ........................................ 5

COWSLIP.
A very early spring this is a useful plant for borders, but is of little beauty after warm weather sets in. Hardy Perennial.
Cowslip, Fine mixed English, 1½ ft .................... 5

CRUCIANELLA.
A very pretty free-flowering plant, useful for rock work, vases, etc. Hardy Perennial.
Crucianella Stylosa, Pink from Persian, 1 ft .... 5

CUPHEA.
Commonly called "Lady's Cigar Plant." The variety we offer, however, is a decided improvement on the old sort.
Cuphea Roezlii Grandiflora Superba, Grows 3½ ft., Feu high, and studded during winter with countless red blossoms. 50

CYCLAMEN.
Valued greenhouse plants, the rich blooms of which are largely used by bouquet-makers to give variety to made up baskets and bouquets. Their orchid-like blooms possess great beauty and fragrance. Half-hardy Perennial.
Cyclamen Persicum. Finest mixed, 3½ ft. 25
— Extra Choice, mixed .................................. 50
— Persicum Giganteum, A great improvement over the older sorts; each flower measures from 2 to 2½ inches in length, pure white, with purple eye .................................................. 1 90

CUCUMIS.
Per Pkt.
Ornamental Cucumbers with curious fruit, remarkable for the luxuriance and rapidity of their growth. Half-hardy annuals.
Cucumis Dipsaceus. Sulphur yellow, very elegant. (See Cut) ........................................ 5
— Flexuosus (Snake Cucumber). Fruit 3 ft. long. (See Cut) ........................................ 10
— Grossularia (Gooseberry Cucumber) ................ 10

CUCURBITA MELOPPO, STRIPED FLAT.

CUCURBITA, or GOURDS.
These grow rapidly, and produce some of the most peculiar and fantastic forms of fruit found in the vegetable kingdom.
Cucurbita Lagenanthera Longissima. Very curious, 5 ft. long ........................................ 10
— Depressa. Dark green fruit ................................ 10
— Melopepo, Striped Flat. A new and interesting variety, fruit very numerous, dark green, mottled with white. (See Cut) ........................................ 10

CYCLANTHERA.
A climbing plant, bearing oval-shaped fruit, exploding loudly when ripe. Half-hardy Annual.
Cyclanthera Explodens 10 ft .................................. 14
CYPRESS VINE.  
Per Pkt.
The most popular of annual climbing plants, with delicate fern-like foliage. Half-hardy Annuals.

**Cypress Vine.**
- Scarlet, 15 ft. ........................................ 5
- White, 15 ft. ........................................ 5
- Rose, 15 ft. ........................................ 5

*Cypress Vine is never offered in mixed colors.*

DAPHNIA.

**DAHLIA.**

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

**Dahlia.**
- Fine mixed ........................................... 10
- Extra Fine. (Our own collection) ............. 25

Datura Fastuosa Huberiana ................................ 10

**Datura.**

Hardy Annual, with double purple and white flowers, attaining a height of 5 feet.

**Delphinium.**

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

**Delphinium Nudicaule.** (New scarlet.) A most interesting plant of recent introduction. Its dwarf, compact habit, taken in connection with the novel and striking color of its flowers, renders it peculiarly valuable. .... 25
- *Cashmerianum.* (See Novelties) .......... 50
- Formosum. Beautiful rich blue and white; flowers the first year, 2 ft. ......................... 5

Dianthus Imperiale, (Emperor Larkspur.) For profusion of blooming the Imperial Larkspur is unequalled, a single plant being rarely seen with less than 100 close, erect spikes of flowers upon it. It is of symmetrical bushy habit, 15 ft. .... 5

**Consolida Acaule Lactea.** A new and very elegant dwarf variety. Very handsome. .... 5

**Finest Mixed.** 2 ft. ................................. 5

**Dianthus Hedewigii.**

**DIANTHUS.**

This magnificent tribe is one of the most satisfactory that can be raised from seed. *D. Caryophyllus,* and its varieties, are the much-adored Carnations and Piolees. *D. Barbatus* is the well-known Sweet William. *D. Chinensis,* varieties, are known as Indian Pinks, perhaps one of the most beautiful class of plants existing. *D. Hedewigii* and *Dianthus* are splendid sorts, with flowers averaging 3 inches in diameter, and of the most brilliant colors.

**Dianthus Gardenerianus.** Various colors. Hardy Perennial, 1 ft. ............................. 10
- *Barbatus.* (See Sweet William.) Fine mixed, 1 ft. 10
- *Caryophyllus.* (See Carnation and Piolees.) .... 25
- *Pinnatius.* (Phlox.) Very fragrant. .......................... 10
- *Hedewigii.* Very beautiful mixed colors. Hardy Annual, 1 ft. ............................. 10
- *Chinensis,* (China or Indian Pink) Finest mixed. .......................... 5
- *Flora Plena.* Double white. Hardy Annual, 1 ft. ............................. 5
- *Medewigii.* Very beautiful mixed colors. Hardy Annual, 1 ft. ............................. 10
- *Diasmatius Flora Plena.* A striking variety of luxuriant, but dwarf and compact growth. Flowers densely double, comprising all shades of color. White, 2 ft. ............................. 25
- *Imperialis Fl. Pl.* Double Imperial Pink; fine mixed. Hardy Annual, 1 ft. ............................. 10
- *Segeticus.* (Parley, or Florist’s Pink) ................... 25
- *Lactiflora.* A beautiful fringed variety; various colors. Hardy Annual, 1 ft. ............................. 10
- *Flora Pleno.* A double variety of the above; very fine. ............................. 15
- *New Japanese.* (See Novelties) packet, or the two
- *Queen.* (See Novelties) ............................. 15

**Didiscus.**

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

**Digitalis (Foxglove).**

Handsome ornamental plants of stately growth and varied colors. Hardy Perennials.

**Digitalis Alba.** Pure white, 3 ft. ............................. 5
- *Gloxinioides.* White, crimson-spotted. ............................. 5
- *Purpurea.* Purple, 3 ft. ............................. 5
- *Fine Mixed Varieties.** ............................. 5

**Dodecathron.**

A hardy herbaceous Perennial, with beautiful light purple flowers. It attains a height of 1 ft.

**Dodecathron Medica.** (American Cowslip) .............. 10
DOLICHOS (Hycinthe Bean). Per pkt. 
Beautiful climbing plants of free growth, flowering in clusters. Tender Annual.
—Alba, White. 5

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

EUPATORIUM. 
Very pretty herbaceous plants, with hunches of showy wild flowers; fine for borders.
Eupatorium Frasertum (described above) 15 ft… 25

EUPHORIA. 
An annual, hardy, with white and green bracts, giving it a very beautiful appearance.
Euphorbia Variegata. 5

FERN SPORES (Seed). 
We offer the following collection of Chcere Ferns, comprising some of the rarest and most desirable varieties for greenhouse cultivation.
Adiantum rirfci, Lastreia Patens, Lomberia. 25
Aspidium Macropodium, Polypodium Aureum. 25
Blechnum Brasiliense, Polyphyllum angulare Virgatum, Occidentale, "Pteris Argyea. 25
Crytomeria Fortuned., "Hastate. 25
Diphysiophyllum Bicoca, "Scurra. 25
Doryopterus Palmaria, "cristata. 25
Ernstfolium, "Tremula. 25
Lastreia Angustafos, Woodwards orientalis.
Any of the above sorts, 50c per packet; or the entire collection of 20 sorts, in separate packets, for $5.00. Minor of any of the varieties, $1.00 per packet.

FRENCH HONEYSUCKLE. (See Hedysarum.)

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

GAILLARDIA. 
A striking looking class, natives of this country, and presenting quite a diversity of color. All Half-hardy Annuals.

Gailardia Coccinea Nana, Dwarf Scarlet. 5
Grandiflora Hybrida, Rich crimson and yellow. 10
Peta Nut, Crimson and yellow. 1 f.
Alba Marganata, White edged, 5° 1
Flora, Mixed Colors. 5

GERANIUM (Pelargonium). 
Perhaps the best reference we can make to what is today the most desirable plant for out-door cultivation—the Zonale Geranium—is to call attention to the colored plate in the Plant portion of our catalogue for 1880, which faithfully illustrates a few of the newer types of the Zonale section. Its"numberless varieties, simple culture, the fineness it enjoys from insects and disease, and its great free-blooming qualities, have placed it so high in general estimation, that it is rapidly superseding the Verbenas, hitherto the most popular bedding plant grown.

Geranium Zonale. Newer Types. We offer large packets, containing seeds of all 6 types of Single Geraniums, shown in colored plates of last season, mixed, for $1.00. We do not offer seed of the six Double varieties figued on colored plate.

Geranium Zonale. Splendid mixed…………………………… 10
—Gold and Bronze. New varieties, mixed…………………………… 25
—Double. Finest mixed from new varieties…………………………… 30
—Double White. "Aline Siskv"…………………………… 50
—Large Flowered (Pelargonium). From prize stocks…………………………… 50
—Fancy Varieties (Pelargonium). Finest mixed. 50
—Apple Scented (true). We offer this season a limted supply of this always scarce and much-sought-after variety…………………………… 50
—Novelty Plant. (See Jovellana)…………………………… 50
—Ivy-Leaved, A beautiful class, worth cultivating alone for its foliage, but the value of which is enhanced by the beauty and proportion of its flowers, running through the various shades of white, pink, and crimson. 75
GILIA. Per Pkt.
Very pretty dwarf plants; will bloom in almost any situation; admirably adapted for massing. Hardy Annuals.

Gilia Capitata Major. Sky-blue, 1½ ft. 5
— Nivalis, Downy, white; showy; 8 in. 5
— Tricolor, White, lilac, and purple, 1 ft. 5
— Tricolor Rubra Violacea. (See Novelties) 50
— All Colors, Mixed. 5

GLADIOLUS.

Gladiolus. Bulbs from named varieties. 10
— Allen's Hybridized Seed. 23

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

Glaucium Cornuciatum. (Described above). 23

GLOBE AMARANTHUS (Gomphrena).
Remarkably handsome everlasting. The flowers may be cut in summer and preserved for winter bouquets. Half hardy Annuals.

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

GLOXINIA.
A superb genus of stove-house plants, profuse bloomers, of great beauty and diversity of colors. Store Perennials.

Gloxinia, Finest Mixed. From a splendid collection of drooping and erect varieties. 30

GOURD SIPHO.

Gourds (Ornamental), All of this genus are of rapid growth, and produce fruit of peculiar and varied forms. Tender Annuals.

Gourd, Bottle-Shaped. 10
— Dipper. 15
— Hercules' Club. A curious sort. 10
— New Miniature. Orange and Green Striped. 15
— Orange. Fruit resembles an orange. 15
— Powder Horn. 10
— Sipho. 5
— Fine Mixed. From a large collection of all ornamental. 10

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

Goodetia, "Lady Albermarle." (Novelty of 1870). Grows a foot high. Flowers large, measuring over three inches across, are of an intense carmine-crimson, purplish-white, 3½ ft. as large as the petals being suffused with pale lilac. Profuse bloomer. 25
— Whitney "Brilliant." (See Novelties). 25
— Fine Mixed. 5

GRAMMANTHEA.
Grammantes Gentianoides. A beautiful plant for rock-work or rustic baskets; of small size, and covered with orange-scarlet, star-shaped flowers. Hardy Annuals. 15

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

Agrostis Nebulosa. Exceedingly graceful and beautiful, one of the most elegant of Ornamental Grasses. Hardy Annual, 1 ft. 5

Avena Sterilis (Animated Oats). Hardy Annual, 3 ft. 5
— Briza Maxima (Large Quaking Grass). Very elegant. Hardy Annual, 1½ ft. 5
— Grassiis (Slender Quaking Grass). Hardy Annual, 1½ ft. 5
— Brizoyporum Scutalum. Very dwarf, with shining green leaves; very pretty, ½ ft. 5
— Bromus Briziformis. A fine grass. Hardy Annual, 2½ ft. 10
— Chloris Barbata. Pretty and curious. Hardy Annual, 2½ ft. 10
— Truncata. Fine silvery plumes, 2 ft. 10
— Crysium Aureum. Very dwarf, with yellowish feathery spikes, useful for bouquets. Hardy Annual, ½ ft. 10
— Coix Lachryma (Job's Tears). Half hardy Annual, 3½ ft. 10
— Erargrostis Eleagreis (Love Grass). Elegant and pretty. Hardy Annual, 2½ ft. 5
— Eriathus Ravenna. A superb perennial grass, resembling the Pampas in appearance and habit of growth, but attaining a greater height than that variety, and is quite hardy. Flowers the first year, if sown early in heat. Hardy Perennial, 2½ ft. 25
— Festuca Rigida. Curious dwarf variety 5
— Gynnothrix Lafolila. Splendid ornamental grass. Hardy, 2½ ft. 10
— Gynerium Argenticum (Pampas Grass). The finest ornamental grass in cultivation, 3 ft. Half hardy. Hardy Perennial, 2½ ft. 25
— Hordeum Jubatum (Squard Tail Grass). Very handsome, 3 ft. 5
— Lagurus Ovatus (Hare's Tail Grass). Dwarf, very pretty, 1½ ft. 5
— Panicum Capillare. Extremely ornamental, 3 ft. 5
— Sulleatum. Beautiful palm-like foliage, exceedingly ornamental. Half hardy Annual, 2½ ft. 10
— Setaria Macerchn. Graceful drooping plumes. Hardy, 2½ ft. 10
— Sipa Eleagantissima. One of the most beautiful of ornamental grasses. Hardy, 3 ft. 10
— Sipa Perennis. A further development of the earlier Sipa Perennis, a very graceful and beautiful. Hardy Perennial, 2½ ft. 10
— Tricholepis Rosa. A very beautiful rose-tinged grass. Hardy Perennial, 2½ ft. 10
— Zea Japonica Variegata (Variegated Japanese Millet). Striped green and white. Hardy Perennial, 2½ ft. 10

GYPSOPHILA.
Free-flowering little plants for rock-work or small beds. Gypsophila Murals. A charming little plant covered with beautiful pink blossoms. Hardy Annual. 5
— Puniculata. White, fine for bouquets. Hardy Perennial. 10

HENDERSON & CO.—FLOWER SEEDS.
HELIOGLOBOSUS (Dwarf Heliotrope). A semi-hardy species which grows very well in the shade, and is very easily raised. It is well suited for the front of borders or rock gardens. The flowers are tinged purple, white, and lilac, and are produced in drooping racemes, 2-3 ft. high. Each flower has five petals, and is about 1 in. across. It is a perennial and needs little care. The species grows 6-12 in. high.

HELICHRYSUM. A genus of perennial herbs, including some of the most handsome and showy of garden flowers. The flowers are produced in large clusters and are very fragrant, especially when cut and dried. The foliage is aromatic and is used for potpourri.

HELIANTHUS. A common genus of annuals and perennials, well known for their large, showy flowers. Many species are commonly grown in gardens and are popular for cutting. A few of the most common species are described below.

HELIOPSIS. A genus of perennial herbs, including some of the most handsome and showy of garden flowers. The flowers are produced in large clusters and are very fragrant, especially when cut and dried. The foliage is aromatic and is used for potpourri.

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**LANTANA HYBRIDA.**

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lantana Hybrida, Mixed</td>
<td>Most desirable and beautiful genus,</td>
<td></td>
</tr>
</tbody>
</table>

**LANTANA.**

**LARKSPUR (Delphinium).**

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Larkspur, Dwarf Rocket, Finest mixed double.</td>
<td>Finest mixed, double, 3 ft.</td>
<td>5 ft.</td>
</tr>
<tr>
<td>Tall Rocket</td>
<td>Finest mixed, double, 2 ft.</td>
<td>5 ft.</td>
</tr>
<tr>
<td>Candelabra-Formed</td>
<td>(See Delphinium)</td>
<td>5 ft.</td>
</tr>
<tr>
<td>Bismarck</td>
<td>A new variety of great merit, mixed.</td>
<td>25 ft.</td>
</tr>
<tr>
<td>Dwarf, Vanunculiflorus</td>
<td>Brown violet, (Novelties)</td>
<td></td>
</tr>
</tbody>
</table>

**LATHYRUS (Everlasting Pea).**

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lathyris Latifolius</td>
<td>Purple, 5 ft.</td>
<td>5 ft.</td>
</tr>
<tr>
<td>Albus</td>
<td>White, 5 ft.</td>
<td>5 ft.</td>
</tr>
<tr>
<td>Mixed</td>
<td>Purple and white</td>
<td>5 ft.</td>
</tr>
</tbody>
</table>

**LAVANDULA (Lavender).**

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lavandula Specia</td>
<td>Lilac, 2 ft.</td>
<td>5 ft.</td>
</tr>
</tbody>
</table>

**LAVATERA.**

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lavatera Trimestrua</td>
<td>Rose and pink striped, 3 ft.</td>
<td>5 ft.</td>
</tr>
<tr>
<td>Alba</td>
<td>White, 3 ft.</td>
<td>3 ft.</td>
</tr>
</tbody>
</table>

**LEPTOSIPHON.**

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leptosiphon Aureus</td>
<td>Golden yellow, 1 1/2 ft.</td>
<td>1 1/2 ft.</td>
</tr>
<tr>
<td>Densiformus Albus</td>
<td>Pure white, 1 ft.</td>
<td>1 ft.</td>
</tr>
<tr>
<td>Hybrida</td>
<td>Fine mixed, 3 ft.</td>
<td>3 ft.</td>
</tr>
<tr>
<td>Roseus</td>
<td>A beautiful variety of dense habit.</td>
<td>5 ft.</td>
</tr>
</tbody>
</table>

**LIMNANTHES.**

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limnanthes Douglasii</td>
<td>Yellow and white, fragrant, 3 ft.</td>
<td>3 ft.</td>
</tr>
<tr>
<td>Limnanthes Grandiflorum</td>
<td>Purple, 1 ft.</td>
<td>1 ft.</td>
</tr>
<tr>
<td>Linum Flavum</td>
<td>Yellow, 1 ft.</td>
<td>1 ft.</td>
</tr>
<tr>
<td>Linum Spannulatum</td>
<td>White, 1 ft.</td>
<td>1 ft.</td>
</tr>
</tbody>
</table>

**LINUM.**

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linum Albus</td>
<td>White, 3 ft.</td>
<td>3 ft.</td>
</tr>
<tr>
<td>Linum Alba</td>
<td>White, 3 ft.</td>
<td>3 ft.</td>
</tr>
<tr>
<td>Linum Alba Variegatum</td>
<td>Stripped, lilac and white, 2 ft.</td>
<td>2 ft.</td>
</tr>
</tbody>
</table>

**LOASA.**

Climbing plants with curious-looking flowers. **Half-hardy Annuals.**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loasa Alba</td>
<td>Pure white, 1 1/2 ft.</td>
<td>1 1/2 ft.</td>
</tr>
<tr>
<td>Paxtoniana</td>
<td>A beautiful variety, fine habit, pro-</td>
<td></td>
</tr>
<tr>
<td>fuses bloom of pure white, with sky-blue belt;</td>
<td></td>
<td>5 ft.</td>
</tr>
<tr>
<td>Speciosa</td>
<td>One of the most effective varieties</td>
<td></td>
</tr>
<tr>
<td>of 'bedding' habit, 3 ft.</td>
<td></td>
<td>3 ft.</td>
</tr>
<tr>
<td>Crystal Palace Compacta</td>
<td>A beautiful new variety</td>
<td></td>
</tr>
<tr>
<td>Grevillea</td>
<td>Light blue, spreading habit, 3 ft.</td>
<td>3 ft.</td>
</tr>
<tr>
<td>Pulgens (Queen Victoria)</td>
<td>Brilliant scarlet, fine border 3 ft.</td>
<td>3 ft.</td>
</tr>
<tr>
<td>Cardinals</td>
<td>(See Novelties)</td>
<td></td>
</tr>
<tr>
<td>Finest Mixed Varieties</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LOBELIA.**

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lobelia Alba</td>
<td>Pure white, 1 1/2 ft.</td>
<td>1 1/2 ft.</td>
</tr>
<tr>
<td>Paxtoniana</td>
<td>A beautiful variety, fine habit, pro-</td>
<td></td>
</tr>
<tr>
<td>fuse bloom of pure white, with sky-blue belt;</td>
<td></td>
<td>5 ft.</td>
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<tr>
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</tr>
<tr>
<td>of 'bedding' habit, 3 ft.</td>
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<tr>
<td>Crystal Palace Compacta</td>
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<td>Light blue, spreading habit, 3 ft.</td>
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<tr>
<td>Cardinals</td>
<td>(See Novelties)</td>
<td></td>
</tr>
<tr>
<td>Finest Mixed Varieties</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LOPHOSPERMUM.**

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lophospermum Hendersonii</td>
<td>Rosy Carmine, 10 ft.</td>
<td>10 ft.</td>
</tr>
</tbody>
</table>
# LYCHNIS

*Per Pkt.*

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chalcedonica</td>
<td>Scarlet, 2 ft</td>
<td>5.00</td>
</tr>
<tr>
<td>Fulgens</td>
<td>Bright scarlet, 1½ ft</td>
<td>10.00</td>
</tr>
<tr>
<td>Haageana</td>
<td>Bright orange scarlet, 1 ft</td>
<td>10.00</td>
</tr>
<tr>
<td>Nana Hybridia</td>
<td>(New)</td>
<td>5.00</td>
</tr>
</tbody>
</table>

# LUPINUS

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alba</td>
<td>Blue, white and purple, ½ ft</td>
<td>5.00</td>
</tr>
<tr>
<td>Cruciisshankii</td>
<td>Blue, white, and yellow, 3 ft</td>
<td>5.00</td>
</tr>
<tr>
<td>Dunettii</td>
<td>Violet, brown, and yellow, 3 ft</td>
<td>5.00</td>
</tr>
<tr>
<td>Hybrida Atrococcineus</td>
<td>Scarlet and white, 3½ ft</td>
<td>5.00</td>
</tr>
<tr>
<td>Tricolor Elegans</td>
<td>White, lilac, and purple, 2 ft</td>
<td>5.00</td>
</tr>
<tr>
<td>Polyphyllos</td>
<td>Mixed blue and white, <em>Hardy Perennials,</em> 3 ft</td>
<td>5.00</td>
</tr>
</tbody>
</table>

**Mixed Annual Varieties** | $5.00

# LYGDODIUM SCANDENS (Japanese Climbing Fern)

A most graceful climbing plant, growing from one to fifty feet, as desired. It is quite as easy of culture as the Smilax, and will, no doubt, be largely used for similar purposes in decorating. Although a climbing plant when supported by strings or wire, it can be used with equal advantage as a drooping plant for baskets or vases. *Lydodium Scandens* (Japanese Climbing Fern). 25

**MAGNOLIA GRANDIFLORA**

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

# MARIGOLD

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marigold, African Quilled</td>
<td>Orange, brown, and yellow, mixed, 2 ft</td>
<td>5.00</td>
</tr>
<tr>
<td>French Dwarf</td>
<td>Orange, brown, and yellow, mixed, 1 ft</td>
<td>5.00</td>
</tr>
</tbody>
</table>

**MARVEL OF PERU (Four O’Clocks).**

The flowers—red, white, yellow, and variegated—grow in clusters on the summit of the stem. They are exceedingly fragrant, expanding in the evening and withering next morning. The roots may be preserved through winter like Dahlias. *Marvel of Peru.* Finest mixed, 3 ft. 5.00

**MATRICARIA (Feverfew).**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matricaria Eximia f. pl.</td>
<td>(See special description in Novelties)</td>
<td>25.00</td>
</tr>
<tr>
<td>Alba</td>
<td>White, 1½ ft</td>
<td>10.00</td>
</tr>
<tr>
<td>Rosea</td>
<td>Rosy pink, 1½ ft</td>
<td>10.00</td>
</tr>
<tr>
<td>Purpurea Grandiflora</td>
<td>Purple, 1½ ft</td>
<td>10.00</td>
</tr>
<tr>
<td>Finest Mixed Colors</td>
<td></td>
<td>10.00</td>
</tr>
</tbody>
</table>

# MESEMBRYANTHEMUM

*Per Pkt.*

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MESEMBRYANTHEMUM Tricolor</td>
<td>Mixed colors, ½ ft</td>
<td>5.00</td>
</tr>
</tbody>
</table>

# MIGNONETTE

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mignonette (Reseda Odorata)</td>
<td>Large-flowered variety. Per ounce, 35 cents</td>
<td>5.00</td>
</tr>
<tr>
<td>Large-Flowered Pyramidal</td>
<td>(Reseda Ameliorata). White distich from the old large-flowered variety; its foliage and flowers are much larger, the plants are of pyramidial growth and attain a large size</td>
<td>10.00</td>
</tr>
<tr>
<td>Parsons’ New White</td>
<td>Flowers nearly white; a desirable variety</td>
<td>10.00</td>
</tr>
<tr>
<td>New Hybrid Spiral</td>
<td>In our Trial Grounds last Summer, this variety proved to be entirely distinct from many of the older varieties of Mignonette. It is a strong grower, and an abundant bloomer, producing flower spikes from 8 to 11 inches in length, delicately fragrant. The seed we offer is of our own saving. (See Cut)</td>
<td>15.00</td>
</tr>
<tr>
<td>The Prize</td>
<td>(See Novelties)</td>
<td>15.00</td>
</tr>
<tr>
<td>Odorata Compacta Glauca</td>
<td>(See Novelties)</td>
<td>20.00</td>
</tr>
</tbody>
</table>

# MIMULUS (Monkey Flower)

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mimulus Cardinalis</td>
<td>Scarlet, 2 ft</td>
<td>10.00</td>
</tr>
<tr>
<td>Roschattii (Monkey Plant)</td>
<td>Yellow, ½ ft</td>
<td>10.00</td>
</tr>
<tr>
<td>Tigrinus</td>
<td>An exceedingly beautiful new blotched and spotted hybrid, rivaling the Calceolaria in the beauty of bright colors</td>
<td>10.00</td>
</tr>
<tr>
<td>Tigrinus Flore Pleno</td>
<td>A beautiful new double-flowering variety, valued alike for open garden and greenhouse decoration; choice mixed colors.</td>
<td>25.00</td>
</tr>
<tr>
<td>Hybridos, Choice Mixed</td>
<td>From the finest sorts</td>
<td>25.00</td>
</tr>
</tbody>
</table>

# MIMOSA (Sensitive Plant)

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mimosa Pudica</td>
<td></td>
<td>5.00</td>
</tr>
</tbody>
</table>

---

*FLOWER SEEDS.*

NEW HYBRID SPIRAL MIGNONETTE.
MOMORDICA.  

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

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

**MORNING GLORY.**  
**Morning Glory.** (See Convolvulus.) **Finest mixed, 25 ft.**

**MUKIA.**  
A very pretty Annual climber, with small heart-shaped leaves and scarlet berries; very ornamental and of rapid growth.  
*Mukia Scaevola* From New Holland, 10 ft.  

**MUSK PLANT** (See *Mimus Moschatus*).

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

**MYOSOTIS DILLISIFLORA.**

**MYOSOTIS (Forget-Ne-Not).**  
The different varieties of this popular plant are very beautiful, and to be well known to need mentioning; they succeed best in moist situations. **Hardy Annuals.**

- **Myosotis Palustris.** Blue, 15 ft.  
- **Alyssum.** White, 15 ft.  
- **Azurica Cestula.** Flowers of rich turquoise blue, produced in the greatest abundance.  
- **Dillisiflora.** Dark blue, very fine spring-flowering variety, with large blossoms, quite distinct from any other, 15 ft.  
- **Semprevirens.** A charming dwarf *Forget-Ne-Not*, under eight inches in height, of free growth, thriving well either in sunny or shady spots.

**NASTURTIUM.**

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

- **Nasturtium, Tom Thumb.** Scarlet, 1 ft.  
- **Yellow, 1 ft.**
- **King of Tom Thumb.** Crimson velvet, 1 ft.  
- **Dwarf Mixed.** 1 ft.  
- **Tall Scarlet.** 10 ft.  
- **White.** 10 ft.  
- **Mixed.** 10 ft.

**NELUMBium.**

This beautiful yellow Water Lily should be grown in lakes or ponds. It may also be grown in aquariums and tanks, where the water should be kept full of water while the plants are growing, but may be allowed to get dry when the flowering season is over. **Half-hardy Annuals.**

- **Nelumbium Luteum.**

**NEMESIA.**

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

- **Nemesis Floribunda.** White and yellow, fragrant.  
- **Versicolor.** Various colors.

**NEMOPHILA.**

**Per Pkt.**  
This is one of the best dwarf *Hardy Annuals*, of very compact growth, comprising varied and beautiful colors;

- **Nemophila Discoidalis.** Black, with white margin, 1 ft.  
- **Insignis.** Bright blue, with white, 1 f t.  
- **Marginata.** Azure blue edged with white.  
- **Maculata.** White, with large purple spots, 1 ft.  
- **Fine Mixed.**

**NEREMBERGIA PRUETCINDRA.**

**NEREMBERGIA.**

Very pretty, half-hardy plants for flower-beds. **Half-hardy Annuals.**

- **Nerembergia Frutescens.** Flowers white and blue, plants with Shirley character.  
- **Gracillima.** An herbaceous variety of slender habit with white and purple flowers.

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

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

- **Nigella Damascena Nana.** Double blue and white.  
- **Atropurpurea.** Clear rich purple, 1½ ft.

**NOLANA.**

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

- **Nolana Lanceolata.** Sky-blue, with white throat.  
- **Atriplicifolia.** Blue, violet, white and yellow.

**NYCTERINIA.**

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

- **Nycteria Capensis.** White, with yellow centre, 1½ ft.  
- **Sclagmiodes.** Pink, with yellow centre, 1½ ft.

**NYMPHEA (Water Lily).**

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

- **Luca.** The dwarf water lily.  

**OBELISCARIA.**

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

- **Obeliscaria Pulecherrima.** 2 ft.

**GENOTHERA (Evening Primrose).**

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

- **Genotera Historta Vellicii.** Yellow, with crimson spots.  
- **Drummondii.** Yellow. **Half-hardy Annuals.** 2 ft.  
- **Lamamiclia.** Bright yellow, with white centre, 4 inches in diameter, and delightfully fragrant. They are produced freely from June to September.

- **Macrocarpa.** Primrose. Large blooms. **Hardy Perennial.** 1½ ft.  
- **Fine Mixed Varieties.**
OXALIS. Per Pkt.
Very attractive and beautiful plants, with richly colored flowers, suitable for greenhouse decoration, or for rock work, and for forcing in the flower house.

Oxalis Rosseux. A neat, erect-growing, plant, with bright rose-colored flowers, 3½ ft. …… 10

Oxalis. A very showy and compact-growing variety; flowers bright yellow and sweet-scented. 10

OXYURA. A very showy hardy Annual, producing its beautiful flowers in abundance.

Oxyura Chrysanthemoides. Golden yellow, edged with pure white, 1½ ft. …… 5

PAISSY (Viola Tricolor.) The seeds may be sown any time from September to March, through July and August, and even early in March, by those spring-sown—that is, during January, February, or March—bloom better during the hot, dry weather in summer than those that have been sown in September and “wintered over” in cold pots or frames; these bloom earlier, but get exhausted before the hot, dry weather of summer sets in. We prefer to sow in shallow boxes (2 or 3 inches deep) in light soil, merely covering the seed after the second sowing, and pressing the soil down fairly with a smooth board. The best temperature for Pansy seeds to germinate in is from fifty to sixty degrees; if much higher, they are apt to rot before coming up. As soon as the plants are well up, and any indication of damping, we plant them at an inch apart in shallow boxes of loamy soil, which have been prepared for sowing the seeds.

A cool greenhouse—or, to those who have not that convenience—will do very well, if kept down in until the ground becomes warm enough for garden operations in spring, when they may be planted out in the open ground, or in cool night air, or in cold frames with boards or paper. To those who have a coldframe or exhausted hot bed, it would be best to place them there, and to plant the plants in the open ground.

New Fancy. It is now four years since we first offered the first Packet of Fancy Pansy Seeds, and we have had hundreds of letters testifying to its beauty and variety. To those who have not purchased we would urge them to buy the flowers perfect that are present in most every conceivable shade of color, with markings exceedingly odd and varied. We give below a short description of each number; occasionally they may vary a little, but as a rule they will be found to come true to description.

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

In ordering, please designate by number the variety desired.

Depot's selection of any single packet (by number) …… 60
Six packets …… 1.00

Or the entire collection of 12 packets, described above. 2.50

PATTERSON. Strong plants of Fancy Pansies, 30c. each, or .85 for the set of twelve.

These Pansies we showed by colored plate in 1877-8.

Besides the Fancy Pansy nihilized above, we offer the following choices, which have been saved from the best and most distinct varieties:

Pansy, English. Very fine mixed …… 1.00

Pansy, Odier, or Five Bichetted. A beautiful strain, perfect in size and form of flower, as well as in beauty and variety of color. 1.00

OXALIS. Per Pkt.

Pansy, Emperor William. A very valuable addition to the large-flowering pansies, distinguished for its clear, pretty color of light shell pink, with well-defined eye of violet-purple. One of the best. 1.00

White Treasure. Fine pure white; one of the best. 1.00

Pansy for King of the Bees. Flowers in masses, intensely black. 1.00

Yellow. Pure golden. 1.00

Good x. ecd. 1.00

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

Palava Flexuosa. Flowers bright pink; base of sepals almost black. 1.00

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

Petunia Hybrida. Finest striped and bichetted varieties, mixed (saved from Peter Henderson's collection) …… 2.50

New Fancy Hybrid (Single). See full page illustration, page 83. …… 1.00

New Fancy Hybrid (Double). See full page illustration, page 83. …… 1.00

Robusta Fiore Pleia. (See Novelties.) …… 1.00

New Dwarf Inimitable. (See Novelties.) …… 1.00

Countess of Flayrn. (See Novelties.) …… 1.00

Pure White. …… 1.00

Fine Mixed. …… 1.00

NEW SINGLE SPECIES.

Petunia Hybrida Grandiflora Alba. Large pure white. …… 1.00

Fimbriata. Beautifully fringed, all shades. …… 1.00

Kermesina. Crimson, with white throat. …… 1.00

Maculata. Spotted purple and violet. …… 1.00

Purpurea. Fine deep purple. …… 1.00

NEW DOUBLE SPECIES.

Petunia Hybrida Grandiflora Pleia. New, large flowering, embracing all colors.

Margilata, Fl. Pl. Green-edged, double, large flowering, all shades. A superb strain.

Floribunda, Fl. Pl. Double fringed, large flowering, comprising all shades of color.

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

PHYSANTHUS. A climbing plant, of rapid growth; flowers pure white, fragrant, and fragrant, often called the "monarch of the orchids," owing to its flowers forming a trap, which closes on insects that may come in contact to it. …… 1.00

PHYSANTHUS. The American. …… 1.00

PIKNT, PIOTCET. Equally suited for out of door culture, flavouring freely, and having a delicious fragrance. Half-hardy 1½-2. …… 1.00

Picotee Pink. Saved from finest varieties. …… 1.00

PINK, CHINA, and other varieties (See Dianthus).
POLYANTHUS. Per Pkt.
Flowering plants, blooming in early spring, adapted for planting in borders. Hardy Perennials.
Polyanthus. Choice mixed, from best laced flowers. 25
Mixed Border Varieties. 10

POTENTILLA.
Handsome flowering herbaceous plants, exceedingly useful and ornamental in mixed flower borders, lasting a long time in bloom. Hardy Perennials.
Potentilla. Finest mixed, 1 1/2 ft. 10
Double Flowering. Finest mixed. 45

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

Phlox Drummondii Alba. Pure white. 10
Atropurpurea Striata. Beautifully striped. 10
Black Warrior. Dark purple. 10
Coccinea. Deep scarlet. 10
Isabellina. Pale yellow. 10
Leopoldii. Bright rose, white eye. 10
Octoflora. White, with purple eye. 10
Princess Royal. Light purple, with white streaks. 10
Queen Victoria. Pure white. 10
Radwitzlzi. Rose purple, white eye. 10
Rosea. Pure rose color. 10
Finest Mixed Varieties. 10
Grandiflora. A very fine strain—mixed all colors. 15

Grandiflora Splendens. A new variety. The flowers are large bright scarlet, with a conspicuous white eye, the centre of which is encircled with a well-defined violet edge. 25

Heynholdi. Bright scarlet dwarf and compact. 10
Cardinalis. (New.) Compact and bushy; brilliant scarlet. 25

Perfection. This is distinguished from all other sorts of Phlox Heynholdi by its very dwarf and compact growth. The plants form small sphere-shaped bushes, never exceeding four or five inches in height, and are literally covered with beautiful coppery-scarlet flowers, continuing in bloom late into the fall. As it comes quite true from seed it will be well adapted for ribbon lines, masses or borders. A striking effect in flower beds is to be produced. 50

New Large Flowering. A new section, whose distinctive feature is the large size of the flower, being almost equal to that of the Perennial Phlox, while the flowers in nearly all of the varieties is a clearly defined white eye. 50

In collections of six varieties (separate) 1.00
Decussata. Perennial mixed, saved from named varieties. 10

New Dwarf Phlox Drummondii. Per Pkt.
A distinct section of the above, and distinguished from it by its dwarf habit and compact growth. Hardy Annuals.

Red. A bright shade. 15
Dwarf. Pure rose shade. 35
Fireball. Bright dazzling scarlet. 35

POPPY.
Plants with large and brilliantly colored flowers, always making a showy display in the garden. Hardy Annuals.
Poppies, Carnation-Flowered. Double, mixed. 25
French, Papaver (Rhoeas). Ranunculus-Flowered. double mixed, 4 ft. 5
English Scarlet. One of the commonest plants in Great Britain, being found growing wild there in field after field, and which produces the most gorgeous effect that can be imagined with its dazzling scarlet blooms. 35

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

Portulaca Redwana. A fine variety. Flowers large, pure white, with a reddish purple eye. 5
Golden Striped. A very distinct and striking new variety. Flowers of a light straw color with golden or orange stripes. 5
Alba. Clear white. 5
Red and White. Striped. 10
Splendens. Rich purple. 5
New Pink. This is a great improvement on the common single Portulaca. The flowers nearly twice the size of the old variety, are of a delicate pink shade. 5
New Salmon. (See Novelties.) 25
Splendid Mixed Single. All colors. 15
Grandiflora Double. Finest mixed. These are unsurpassed for brilliancy of color by any Annual grown. 15

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

Primula Sinensis Primbriata. Very choice mixed, free-flowering. (See Cat.) 50
Alba. Pure white. 50
Rubra. Rose very fine. 50
Striata. Striped with red. 50
Kermesina Splendens. Bright carmine with distinct yellow eye. 50
Primula Sinensis Alba Plena. Double white 1.00
Rubra Plena. Double red 1.00
Double Mixed. Red and white 1.00

The double varieties produce a large percentage of double flowers, and are superb.

**Punctata Elegansissima.** A beautiful new variety, flowers deep velvety crimson, strongly fringed, and regularly marked at the borders with small snow-white spots 1.00

**Filifolia Alba.** White, fern-leaved, very beautiful 70

**Rubra.** White, fern-leaved 50

**Japonica** (New Japanese Primrose) 25

**PYRETHRUM GOLDEN GEM.**

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

**Pyrethrum Hybridum fl. pl.** New varieties of this beautiful, hardy, herbaceous plant, saved from double flowers only 25

**Particuliformum Aureum** (Golden Feather, bright golden foliage. One of the best bedding plants 10

**Golden Gem.** A splendid bedding plant, producing large double white flowers, which are continued throughout the summer. The color of the foliage is a brighter yellow than that of the old "Golden Feather," itself one of the best bedding plants grown. (See Cut) 25

**Rhodanthe.**

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

**Rocket, Sweet Purple.** 1$\frac{1}{2}$ ft 5

**Mixed.** 1$\frac{1}{2}$ ft 5

**SALPIGLOSSIS.**

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

**Salvia Patens.** Splendid deep blue. 3 ft 25

**Splendens.** Vivid scarlet, 3 ft 25

**Alba.** New white, very distinct 25
SAPONARIA. Per Pkt.  
25  
An extremely beautiful class of compact growing plants, producing masses of minute cross-shaped rose and white flowers, which continue blooming all summer. 
Hardy Annuals.  
Saponaria Calabra. Rich deep pink, 1½ ft. 10  
— Alba. Pure white, ½ ft. 10  
SCABIOSA (Mourning Bride, or Sweet Scabious). 
A beautiful border plant, producing in profusion flowers in great variety of colors; excellent for cutting for table bouquets, etc. Hardy Annuals. 
Scabiosa Nana Fl. Pleno. The flowers are quite double and globular, varying in all the shades of white, crimson, aquamarine, blue, etc.; a most valuable flower to use in bouquets or vases of cut flowers. 1 ft. 10  
— Tall German. Mixed. 2 ft. 5  
SCHIZOPETALON. 
Schizopetalon Walkeri. This little plant bears delicately fragrant fringed flowers. Hardy Annual. ½ ft. 10  
SCHIZANTHUS. Finest mixed colors. 5  
SCYPHANTHUS. 
Ceyphanthus Elegans. A dwarf, free-flowering, half-hardy evergreen trailing plant; yellow. 2 ft. 10  
SEDUM (Stonecrop). A very interesting and useful little plant, growing freely on rock or rustic work, ornamental mounds, old walls, etc. Hardy Annual.  
Sedum Cornulum. Blue, ½ ft. 10  
SENSITIVE PLANT (See Mimosa Pudica).  
SILENE, or CATCHFLY. 
A beautiful genus of free-flowering plants, with bright attractive flowers, admirably adapted for spring and summer blooming in beds, rock-work, etc.  
Silene Pendula Compacta. Plant dwarf and compact, forming dense cushions two or three inches in height, and from nine to twelve inches in diameter, which during the season are perfectly solid with bloom. 5  
— Carnea Fl. Pl. (See Novelties). 25  
SMILAX (See Myrsiphyllum Asparagoideus).  
SNAKE CUCUMBER (See Cucumis Flexuosus).  
SOLANUM. Per Pkt.  
A genus of ornamental fruit-bearing plants, some of them among the most interesting of greenhouse shrubs, while others are remarkable for their handsome foliage, and are most useful for groups on lawns, or as single specimens.  
Solanum Capsicastrum, or "Jerusalem Cherry." Miniature orange tree, covered all winter with a profusion of scarlet fruit. A very interesting plant for the decoration of the greenhouse or sitting room. Half-hardy Perennial, 1½ ft. 10  
— Hendersonii. Pearl-shaped scarlet fruit. 10  
— Lobelia. (See Novelties). 25  
— Warscewiczii. A magnificent plant, with immense leaves of a deep green color. It attains an average height of six to eight feet, and when planted in masses produces a grand effect. 10  
SPHENOGYNE. 
A bright yellow, free-flowering border plant, from South America; useful for beds, ribbon borders, or edgings.  
Sphenogyne Speciosa. Hardy Annual, 1 ft. 5  
STATICE. 
Exceedingly interesting plants of easy culture. They are all very free-flowering, and remain a long time in bloom, the flowers being valuable for winter bouquets.  
Statice Rosendall. Deep golden yellow. Half-hardy Perennial, 3½ ft. 10  
— Speeria. Forms a beautiful bouquet of rosy pink flowers. 10  
— Inca Hybrida. Fine mixed. Perennial. 10  
STOCKS (German Ten-Weeks). 
These are especially recommended on account of their long continuance in bloom and vigorous habit. Flowers very double. 1½ ft. Half-hardy Annuals. 
Stock, Dwarf German Ten-Weeks. Fine mixed 5  
— — Large Flowering. Choice mixed 10  
— — Pure White. 15  
— — Purple. 15  
— — Scarlet Victoria. New and fine. 15  
— — New Large-Flowered Dwarf Pyramidal. The most popular stock in cultivation; very finest mixed. (See Cut.) 25  
— — Wallflower-Leaved. Pure white, very fine. 15  
— — Purple. 15  
— — Crimson. Very fine. 15  
— — Finest Mixed. 25  
STOCKS (Intermediate). 
The Intermediate Stocks are valuable on account of their flowering late in autumn, also as pot plants for early spring blooming, for which purpose the seeds should be sown in July or August.  
Stock, Intermediate. Scarlet. 15  
— — White. 15  
— — Purple. 15  
— — Mixed. 15  
STOCKS (Brompton and Emperor). 
"The Emperor, or Perpetual Flower, may be treated in the same manner as the Intermediate; they frequently last several years, if protected from the frost. The Brompton is a Biennial of branching habit, producing a grand display in bloom. 
Stock, Emperor, or Perpetual. Finest mixed. 15  
— — Brompton or Winter. Finest mixed. 10  
SWEET SULTAN. 
Showy Annuals of easy culture, very effective in shrubbery borders. Hardy Annuals.  
Sweet Sultan, Purple. 2 ft. 5  
— — White. 2 ft. 5  
— — Yellow. 2 ft. 5  
— — Mixed. 5  

LARGE-FLOWERED DWARF PYRAMIDAL STOCK.
TACSONIA.  
Tacsonia Von Volxemi. This beautiful climber was found in New Grenada. It is a plant that flowers most abundantly, and for almost the whole year; the flowers individually are about five miles in diameter, and of the richest scarlet.  
Half-hardy Shrub.  

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

TRITOMA (Red Hot Poker Plant).  
Tritoma Varia. A most interesting plant, that ought to be in every garden. The flower-stalk grows to the height of three feet; the flower spike is about one foot in length, of colors varying from yellow to deep scarlet, giving it some what the appearance of a heated bar of iron, hence its vulgarity called "Red Hot Poker Plant." It continues in bloom from July to October. Grown either single or in masses, it produces a striking effect.  

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

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

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VALERIAN.  
Very showy border plants; will grow in almost any soil.  

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

VERBENA HYBRIDA.  
Saved from Peter Henderson's splendid collection of the best named varieties. Great care has been taken that this seed should be saved from such as are really good bedding kinds, and for almost all outdoor situations.
TROPEOLUM Lobbiana.

TROPEOLUM. Per Pkt.
Very elegant and beautiful climbers, flowering most profusely; admirably adapted for greenhouse or conservatory decoration, especially during the winter months; very useful for covering verandas, trellis and rustic work out-of-doors. Half-hardy Annuals.

- Lobbianum Spatâre. Fiery red. 10
- Lobbianum Profusum. Fine scarlet. 15
- Géant des Batailles. Brilliant carmine. 10
- Triumph de Gaud. Orange scarlet, 4 ft. 10
- Peregrinum. (See Canary Bird Vine). 10

TUNICA.

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

VERONICA.


VINCA.

A genus of very beautiful greenhouse shrub; if sown early, forms an extremely pretty edging for small beds. Veronica Alba, White, 2½ ft. Hardy Annual. 10

- Syriaca. Bright blue and white. Half-hardy Annual. 10

WHITLAVIA.

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

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

WIGANDIA.

Splendid ornamental foliage plants, with immense leaves, 2½ ft. long by 1½ ft. wide, sown early in spring, in hot-beds, will produce fine plants by the middle of summer.

Wigandia Caracasana. 6 ft. 10

- Vigierii. Superb foliage. 10

XERANTHEMUM.

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

- Double Purple. 2½ ft. 10
- Double Bright. 2½ ft. 10
- Double Mixed. 1½ ft. 10

ZINNIA ELEGANS.

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

Zinnia Elegans, Alba, White. 1½ ft. 10

- Alba, Extra choice, double. 1½ ft. 10

- Haegeniana, Alba, White. 1½ ft. 10

For General Index, please see page 5.
Novelties and Specialties

FLOWER SEEDS FOR 1881.

PER Pkt.

New Dwarf Peony-Flowered Perfection (Black-Blue). This variety, and the succeeding sort, "Rose and White," are new colors in a comparatively new race of Asters. "Black-Blue" grows only 12 inches high, is of compact growth, and produces mounded peony-like blooms of perfect form, in color deep Indigo blue.  

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

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

ANGELONIA GRANDIFLORA ATRO-PURPUREA. A distinct new variety, bearing long spikes of fragrant brown-violet flowers.

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

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

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

COLEUS, New American Hybrid. We have this season saved seed from the very finest new Hybrid Coleus, which is certain to produce splendid varieties. The seed of Coleus germinates very easily, every seed coming up, if sown in a temperature averaging 70 degrees. To such as have warm rooms suitable, or a greenhouse, the seed may be sown at any time, and if sown by January, finely-colored plants will be got by May. To such as have not, the seeds can be sown in a hot-bed or cold frame in April or May, and when of sufficient size, grown in pots or planted out in the open ground. Seeds sown in April will produce plants 3 ft. high and as wide by September. The Coleus is now the most popular "leaf plant" grown, in consequence of the wonderful diversity of coloring it assumes.

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

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

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

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

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

**GILIA TRICOLOR RUBRA VIOLACEA.**
This novelty is a variety of an old favorite plant, and bears beautiful light lilac flowers........................................ 50

![Image](image)

**GNAPHALIUM LEONTOPODIUM.**

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"Edelweiss."

This is the famous and true "Edelweiss" of the Alps, found growing there in the most inaccessible spots among the rocks and gathered by tourists and mountaineers at great risk of life. The flowers are of downy texture, pure white, and (as the illustration shows) star-shaped. They are greatly sought after as souvenirs, and are sold at a high price in Switzerland. It is said to be easily cultivated, and its scarcity is due to the ravages of deer, who are very fond of the plant, and feed on it in all places open to their reach. This is probably the first time in this country that seed has been offered for sale............................ 25

**GODETIA WHITNEYI "Brilliant."**
The flowers of this novelty are rich carmine, shading off to light rose at the points of the petals. The plant is of fine habit, dwarf and compact, and this, with its free-flowering character, will make it, for poussing, exceedingly showy and effective.......... 25

**HIBISCUS CALIFORNICUS.**
The Hibiscus, as is known, is a very showy genus, and this variety, H. Californicus is one of the most desirable. It is an herbaceous perennial, producing an abundance of pure white flowers.................. 25

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

**LARKSPUR, DWARF RANUNCULUS FLOWERED. (Brown Violet.)**
Of this new variety the plant attains a height of 12 to 15 inches, growing column-shaped, bearing numerous flower stalks, which are thickly studded with brown-violet blossoms.............................................. 25

**LINARIA CYMBALARIA.**
(Kenilworth Ivy.)
A rapid growing climber that is very much used for covering fences or unsightly objects. An old plant, but one that we have often been asked for seed of........ 25

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

**MATRICARIA EXIMIA.**
(Fl. Pl. Var. Crisp.)
A fine double white with yellow center, and very curled like the finest double curled Parsley. The effect is said to be very fine.................. 25

**MIGNONETTE, The Prize.**
A most valuable variety, not altogether new, but which has been but little grown in this country. One or two growers of cut flowers, who supply the New York bouquet makers, and who were fortunate to secure some seed of this sort last season, inform us that it is so much superior in every respect to the many kinds of Mignonette that it brought them double the price usually paid for branches of these. It bears a very close, dense spike, entirely free from struggling blooms; fully twice the ordinary size, and is deliciously fragrant as any.................. 25

**NEW MIGNONETTE.**
(Reseda Odorata Compacta Glauca.)
A new sort which forms a circular bush eighteen inches in diameter, and not more than nine inches in height; its fragrant blooms are of a shade entirely distinct in Mignonette, being what might be called a glorious shade of lilac. One of the best new things we have ever met with........ 25

**NEW SWEET PEA.**
(See Cut.)
It is now several years since any novel form of this old favorite has been introduced, and we are sure that the two very striking varieties named will be universally welcomed.

**Sweet Pea, "Butterfly."** The flowers of this beautiful variety have a pure white ground, delicately laced with lavender-blue. It possesses the same robust habit as the older varieties, is deliciously fragrant, and will prove exceedingly valuable for bouquets.................. 25
TYPES SOME NEW DOUBLE & SINGLE FANCY HYBRID PETUNIAS
OFFERED BY PETER HENDERSON & CO. 35 CORTLANDT ST. N.Y.

For Prices in both Seeds and Plants, see page 33.
Petunia, New Dwarf Inimitable.

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

Petunia, Countess of Elsmere.

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

Portulaca, New Single Salmon.

A new and strikingly odd color in this well-known annual. The flowers are a beautiful salmon shade, and ninety per cent. will come true from seed.

Senecio Speciosus.

A new and very free flowering half-hardy perennial from South Africa. It produces in the open ground height magenta-colored flowers from spring until fall, and can be had in bloom in the greenhouse throughout the winter. The flowers are about an inch and a half in diameter, and borne in branching spikes.

Silene Pendula Carnea Fl. Pl.

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

Solanum Lobelli.

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

Torenia Balloni.

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

Xeranthemum Annuum Superbissimum.

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

Xeranthemum Annuum Superbissimum Flore Albo.

The flowers of this new variety are white, equally as double, and of the same globular form as those of the red variety offered above. It should also be more valuable than the red, for the reason that white flowers are always in more request for dried bouquets.
ANTIRRHINUM MAJUS NANUS PICTURATUM.
A new and distinct race of Snapdragons, of great beauty and variety of color. The raiser says that at a short distance they cannot be distinguished from, and are unsurpassed by the showiest varieties of Primroses. We offer seed in mixed colors.
50 cts. per packet.
ESCHSCHOLTZIA CALIFORNICA ALBA FLORE PLENO.
From the double golden yellow Eschscholtzia, originating in England two years ago, has sprung the double white variety, that we now offer. The seed saved from the plants grown in 1879, has produced plants, 75 per cent. of which have borne beautiful double white flowers.
50 cts. per packet.
HELIANTHUS NANUS FOLIIS VARIATEGATIS.
A variegated-leaved Sunflower. The leaves are spotted and striped with yellow, very much in the same way as the well-known Abutilon Thompsonii. For planting singly or in groups this striking variety will be found most effective.
50 cts. per packet.
NEW WHITE PANSY, "Snow Queen."
It is claimed that this new sort is quite different from the ordinary run of White Pansy. The flowers are of a delicate satiny white, with a slight tinge of yellow towards the centre. As far as it has been tested, it comes perfectly true from seed.
25 cts. per packet.
PRIMULA FIMBRIATA CRISTATA NANA.
A very interesting and distinct race, of French origin. The plant is of dwarf and dense habit, with small foliage. The flowers are snow-white, with a pale yellow eye, are dentated, and show a tendency to become double. This Primula comes nearly always true from seed.
75 cts. per packet.
PYRETHRUM AUREUM SELAGINOIDES.
All of the Pyrethrums are particularly valuable in this country for bedding out purposes, and this new form is said to be quite distinct and novel. The flat golden foliage resembles two frowns of some species of Fenns, overlaying each other, and this peculiarity with its dwarf and compact habit, gives it added interest and beauty.
50 cts. per packet.
RESEDA ODORATA AMELIORATA.
"Golden Queen."
A new Mignonette; it produces golden yellow flower spikes, as freely and as fragrant as any of the older sorts. The foliage bright green, contrasts finely with the flower-stalks.
50 cts. per packet.

A FEW LEADING FLOWER SEEDS.
(By Weight.)
The following list has been prepared for such of our customers who need larger quantities of Flower Seeds than are usually sold in packets. To those requiring large numbers of plants for bedding out, or other purposes, this list will be found specially advantageous.

| Name of Seed | Weight | Price per Thousand
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Acroclinium Album</td>
<td>25 lb.</td>
<td>$2.00</td>
</tr>
<tr>
<td>&quot; Roseum</td>
<td>25 lb.</td>
<td>$3.00</td>
</tr>
<tr>
<td>Ageratum Mexicanum</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>Alyssum, Sweet</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>Amaranthus Tricolor (Joseph's Coat)</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>&quot; Salicifolius (Fountain Plant)</td>
<td>1 lb.</td>
<td>$1.50</td>
</tr>
<tr>
<td>Antirrhinum (Snapdragon), Mixed</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>Aster, China, Mixed</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>&quot; Reid's Quilled, Mixed</td>
<td>1 oz.</td>
<td>1.00</td>
</tr>
<tr>
<td>Balsam, Double, Mixed</td>
<td>1 oz.</td>
<td>60 cts.</td>
</tr>
<tr>
<td>&quot; White</td>
<td>1 oz.</td>
<td>1.25</td>
</tr>
<tr>
<td>Candytuft, Fragrant, Pure white</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>&quot; Crimson</td>
<td>1 oz.</td>
<td>60 cts.</td>
</tr>
<tr>
<td>&quot; Rocket, Pure white</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>&quot; Fine Mixed</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>Cannas, Mixed; all varieties</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>Centaurea Candidissima (Silver foliage, for bedding out)</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>Centaurea Gymnocarpa (Silver foliage for bedding out)</td>
<td>1 oz.</td>
<td>50 cts.</td>
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<tr>
<td>Convolvulus (Morning Glory), Per lb., $2.00</td>
<td>1 oz.</td>
<td>20 cts.</td>
</tr>
<tr>
<td>Cypress Vine, Scarlet</td>
<td>1 oz.</td>
<td>60 cts.</td>
</tr>
<tr>
<td>&quot; White</td>
<td>1 oz.</td>
<td>60 cts.</td>
</tr>
<tr>
<td>&quot; Rose</td>
<td>1 oz.</td>
<td>60 cts.</td>
</tr>
<tr>
<td>Dionthus Chinensis (China Pink), Double Mixed</td>
<td>1 oz.</td>
<td>60 cts.</td>
</tr>
<tr>
<td>Geranium Zonale, Mixed</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>Ipomoea Bona Nox (Evening Glory)</td>
<td>1 oz.</td>
<td>1.25</td>
</tr>
<tr>
<td>Lobelia Gracilis</td>
<td>1 oz.</td>
<td>2.50</td>
</tr>
<tr>
<td>&quot; Alba</td>
<td>1 oz.</td>
<td>2.50</td>
</tr>
<tr>
<td>&quot; Mixed</td>
<td>1 oz.</td>
<td>1.50</td>
</tr>
<tr>
<td>Marvel of Peru (Four O'clocks)</td>
<td>1 oz.</td>
<td>40 cts.</td>
</tr>
<tr>
<td>Mignonette, Large Flowered</td>
<td>1 oz.</td>
<td>25 cts.</td>
</tr>
<tr>
<td>&quot; &quot; Pyramidal</td>
<td>1 oz.</td>
<td>35 cts.</td>
</tr>
<tr>
<td>Myrsiphyllum (Smilax)</td>
<td>1 oz.</td>
<td>3.50</td>
</tr>
<tr>
<td>Nasturtium, Scarlet</td>
<td>1 oz.</td>
<td>30 cts.</td>
</tr>
<tr>
<td>&quot; Yellow</td>
<td>1 oz.</td>
<td>30 cts.</td>
</tr>
<tr>
<td>&quot; Mixed</td>
<td>1 oz.</td>
<td>30 cts.</td>
</tr>
<tr>
<td>Pansy, Good mixed</td>
<td>1 oz.</td>
<td>50 cts.</td>
</tr>
<tr>
<td>Petunia, Single Mixed</td>
<td>1 oz.</td>
<td>1.50</td>
</tr>
<tr>
<td>Phlox Drummondii, In special colors</td>
<td>1 oz.</td>
<td>1.25</td>
</tr>
<tr>
<td>&quot; &quot; Mixed</td>
<td>1 oz.</td>
<td>75 cts.</td>
</tr>
<tr>
<td>Salvia Splendens (Scarlet Sage)</td>
<td>1 oz.</td>
<td>5.00</td>
</tr>
<tr>
<td>Sweet Peas, In separate colors</td>
<td>1 oz.</td>
<td>20 cts.</td>
</tr>
<tr>
<td>&quot; Mixed</td>
<td>1 oz.</td>
<td>15 cts.</td>
</tr>
<tr>
<td>Verbena, Scarlet</td>
<td>1 oz.</td>
<td>4.00</td>
</tr>
<tr>
<td>&quot; White</td>
<td>1 oz.</td>
<td>4.00</td>
</tr>
<tr>
<td>&quot; Mixed (our own saving)</td>
<td>1 oz.</td>
<td>6.00</td>
</tr>
<tr>
<td>Zinnia, White</td>
<td>1 oz.</td>
<td>80 cts.</td>
</tr>
<tr>
<td>&quot; Mixed</td>
<td>1 oz.</td>
<td>60 cts.</td>
</tr>
</tbody>
</table>
BULB LIST.

Any of the following bulbs sent free by Mail at Catalogue prices, except where quoted by the Hundred.

We issue in September a Catalogue of strictly Fall Bulbs, Hyacinths, Crocus, Tulips, etc., which we will send free on application.

GLADIOLUS.

(Supplied from October to June.)

The increasing demand for this popular flower induces us to offer from our very extensive collection of named varieties, the following special selections, to which we invite particular attention.

NAMED GLADIOLUS.

Each.

Antonius. Fine spike of flowers, cherry colored, tinged with orange and blazed with carmine; white stems and foliage. 10c.

Breuchieusis. Rich dark scarlet. 10c.

Bue de Malakoff. Deep orange, on white ground. 25c.

Glaucne Scribee. Large flower; rose blazed crimson. 15c.

Felician David. Cherry rose, striped carmine. 15c.

Fulton. Veryeyy vermilion, with purple stain. 15c.

Horace. Brilliant fire red; large white stain striped red. 25c.

Ida. Ground color light rose, blazed crimson; lower divisions yellow. 25c.

James Watt. Light vermilion, with stains of white rose. 25c.

John Bull. Ivory white, tinted yellow. 10c.

Edith. White with dark spots. 35c.

La Candeur. Pure white, lightly marked with crimson violet. 35c.

Laura. Light orange red, with white blotch. 25c.

Le Poussin. Light red, with white throat. Very fine. 3c.

Lord Byron. Brilliant scarlet, ribbed with pure white. 25c.

Madame de Vatr. Sulphur white, stained with magenta. 15c.

Madame Domage. Rosy pink; white spots. 25c.

Margarita. A splendid sort; ground color rose white; flushed with crimson. 35c.

Meteor. Brilliant red, with large white stains. 15c.

Napoleon III. Bright scarlet and white. 15c.

Optik. Dark yellow; stained purple. 35c.

Princess of Wales. White, flaked with rose crimson. 15c.

Pyper. Rosy white, very richly marked with deep rose. 25c.

Robert Fortune. Deep crimson red, violet tinted ground with white line. 35c.

Sappito. Cherry, tinted with orange; in lower petals a white rose. 25c.

Thalia. White, blazed and streaked with carmine. 25c.

Van Dyck. Crimson amaranth, striped white. 25c.

AMERICAN SEEDLING GLADIOLUS.

We pay special attention to the growing of Gladiolus from seed, and from our immense stock have selected the best which we offer under numbers. We cannot speak too highly of these seedlings; they far surpass the best imported named varieties without regard to cost.

No. 1. White, and white grounds, but little spotted.

2. Yellow, in variety.

3. Various shades of red.

4. Pink and variegated.

5. Scarlet and white throat.

6. Violet grounds, shaded.

7. Rose and carmine shaded.

8. Very dark crimson and purple.

9. Pure white grounds, carmine and rose spotted.

10. Rose and pink, with white throats.

11. White, with yellow and rose tints.

12. Yellow grounds, shaded carmine or rose.

13. Pure white, carmine stains.

14. Rose lilac, with white stripes.

15. Brilliant scarlet vermilion, with amaranth shades.

16. Yellow grounds, shaded long keeper yellow and red.

17. Light blush, variously shaded.

18. Dark lilac, with bright carmine.

19. Rose lilac, indescribable colors and shades.

20. Dark lilac, very distinctly marked with rose and purple.

Prices, 25 cts. each; $3.50 per doz.

GLADIOLUS IN COLLECTIONS.

We make up the following collections from our large stock of named sorts, such as we have a surplus of, which enables us to give our customers a very choice assortment, at much less than Catalogue rates. All the bulbs in these collections are correctly named.

A. "A"—50 good named varieties; the collection for 3. 25.

B. "B"—choice named varieties; 15. 00.

C. "C"—extra choice; 10. 00.

D. "D"—new and rare varieties; 10. 30.

E. "E"—10 to 20 sorts, without names; the collection for 10. 00.

F. "F"—10 choice seedlings; 10. 00.

G. "G"—5 choice seedlings; 5. 00.

H. "H"—10 choice seedlings from one numbered selection; the collection for 5. 00.

GLADIOLUS MIXTURE.

Various shades. Red; by Mail. Per doz. 50c.; $3.00 per 100.

Pink and variegated; by Mail. Per doz. 75c.; $4.50 per 100.

Various shades, White and light striped; by Mail. Per doz. 1.00; $6.00 per 100.

All colors, mixed; by Mail. Per doz. 50c.; $3.00 per 100.

LILIES.

Most of the sorts can be supplied from October until April.

Besides being perfectly hardy, when planted outside this class of plants is admirably adapted for pot culture, when grown either in a greenhouse or house. They are among the easiest culture, and most of the varieties very fragrant.

We have enriched our collection this season, by the addition of several new and distinct varieties.

Each.

Lilium Atoasanginum. Orange, red blushed; 25c.

L. Atoasanginum Grandiflorum. Known also as Thumbergianum Grandiflorum; brilliant, with dark brown red flowers. 25c.

Lilium Auratum. (The Golden-rayed Lily of Japan,) strong flowering roots. (Stock of this is exceeding scarce.) 60c.

L. Canadense Plavum, (true,) Flower bell-shaped, petals not reticled, yellow, spotted. 25c.

Lilium Catnote. Rubrum. A large growth, much larger than the preceding; flowers more richly colored with red, with orange yellow. 25c.

Lilium Candidum. Large, snow-white, fragrant blossoms, 3 to 4 feet high. This variety should be planted by us in August. 50c.

Lilium Lancifolium Album. Pure white. 75c.

Lilium Lancifolium Roseum Roseum. 25c.

Lilium Lancifolium Rubrum. White, with crimson spots. 25c.

Lilium Lancifolium Punctatum. White, spotted with delicate salmon. 60c.

Lilium Longiflorum. Large snow-white, trumpet shaped flowers, very fragrant, 1 to 1 1/2 feet. 15c.

Lilium Monstrosum Rubrum. Red spotted. 50c.

Lilium Tigrinum. (Tiger Lily.) Orange red, spotted black. 30c.

Lilium Tigrinum Rose Plicato. A very splendid variety of the Tiger Lily, rising from 4 to 5 feet in height, of vigorous growth, with bright orange red double flowers, richly marked with black spots. 50c.

L. T. Citrinum. Very scarce. Large, light yellow flowers, with red spots. 60c.

Lilium Umbellatum. Orange scarlet, very showy and free-flowering. 60c.

L. Excelsum, (Testaceum Isabellinum.) Tall; narrow yellow. 50c.

L. Martagon, (Can Can Lily.) 50c.

L. Philadelphiau. Bright red, with black spots. 35c.

Parry. A new lily found by Dr. Parry in Lower California; a very beautiful species allied to Washingtonianum; flowers clear golden yellow, borne on a stalk from 4 to 6 feet high,—when well established each stalk will furnish 10 flowers. Excellent. 2.50

Superbum. One of our best native species, although rarely met with in our gardens. When well established, it will produce upward of fifty beautiful flowers in a pyramidal cluster. 25c.
Novelties and Specialties

IN

VEGETABLE SEEDS for 1881.

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

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

**BEAN. Crystal White Wax.**
A beautiful and distinct variety of Bush Bean, offered for the first time in 1878. It produces pods of fair size, of exceedingly rich and tender flavor; in color waxy white, and almost as transparent as glass. It is a stringless variety, very productive, and the pods, though quick to develop, are slow to harden, and thus retain their tenderness on the bush for a long time.

50 cts. per quart.
*(If by Mail, add 30 cts. per quart for postage.)*

**BEAN. Gallega (or Large Refugee).**
For many years the well-known Refugee Bush Bean has been a standard sort, whether grown for market or for private use. This variety, Gallega (or as we should prefer to call it, Large Refugee), is an improved form of the parent variety, being not only much more prolific, but both pods and beans are much larger in size than in the old sort.

30 cts. per quart; $1.75 per pk.; $6.00 per bush.
*(If by Mail, add 30 cts. per quart for postage.)*

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

40 cts. per quart; $2.50 per pk.; $9.00 per bush.
*(If by Mail, add 30 cts. per quart for postage.)*

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

15 cts. per pkt.; $1.00 per oz.

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

10 cts. per pkt.; 50 cts. per oz.; $1.75 per lb; $6.50 per lb.

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

5 cts. per pkt.; 20 cts. per oz.; 60 cts. per lb; $2.00 per lb.

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

5 cts. per pkt.; 20 cts. per oz.; 60 cts. per lb; $2.00 per lb.
HENDERSON'S EARLY SUMMER CABBAGE.

Although it is only six years since we first disseminated this variety, its value has been so quickly discerned that it is now to be found in every seedsmen's catalogue in the country. It is about ten days later than the Wakefield, but, being of fully double the size, it may be classed as the best *Large Early Cabbage*; in weight it is equal to most of the late varieties, and its short outer leaves enable it to be sown as early as possible and to be ready for market about 12,000 to the acre—while "Flat Dutch," "Winningstad," etc., producing no larger heads, can only properly be grown at the rate of 5,000 to the acre. Last season's excellent quality of the Early Summer is that it keeps longer without burning open after heading than any variety we know of.

We would caution, however, our customers who intend to grow it in cold frames (to winter over), to sow it at least ten days later than the *Wakefield*, or other early varieties, as it has some tendency to run to seed if sown at the dates suitable for these. In this latitude we sowed Early Summer on the 20th of September.

To those who do not intend to keep it in cold frames, we would advise to sow it in the soil, as early as possible, about February 1st, in the usual manner, and when of suitable size, prick off, or replant, at about two feet apart, to give plenty of room for the plants when set out in a greenhouse. Treated in this manner, quite as good plants can be made of this, or any other Cabbage, as it will wintered over in cold frames, and in this way they will not run to seed.

The following letters are specimen of those we are continually receiving in regard to this variety.

HENDRICKSON'S EARLY SUMMER CABBAGE.

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

HOWELL, MICH., March 10, 1880.

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

T. H. HORN.

WILSON, Mo., Jan. 21, 1880.

Henderson's Early Summer Cabbage has proved most satisfactory in my neighborhood, some heads weighing 19, and one actually 20 lb.

GREENSBURG, PA., March 22, 1880.

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

IRWIN W. STAUB.

HANOVER CO., Va., Oct. 6, 1879.

I have been engaged in growing your Early Summer Cabbage, and have grown all of the early varieties of Cabbage adapted to this climate, and I find your Early Summer far excels all I have ever grown, both in quality and number of heads.

W. N. CATTIN.

MORROW, O., March 5, 1880.

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

W. H. McKINNEY.

EAST BRIGHTON, N. Y., Feb. 12, 1879.

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

GEORGE HILL.

TEXARKANA, Tex., June 22, 1879.

I want to speak a word for your Early Summer Cabbage. I sowed last fall, Jersey Wakerat, Wyman, Winningstad, and Henderson's Early Summer Cabbage. All the others, all appeared to do well; but yours outgrew them all; and when our unprecedented cold winter came, with the merest run and low temperature of ten to twenty-five degrees below zero, the "Henderson" came out finely, the others not so well.

B. P. SMITH.

Price of Henderson's Early Summer Cabbage Seed, 15c. per pkt., 60c. per oz., $2.00 per lb.

HENDERSON'S EARLY SNOW-BALL CAULIFLOWER.

With the exception, perhaps, of our Early Summer Cabbage, no new thing in either seeds or plants that we have ever offered has given such general satisfaction as this Early Snowball Cauliflower. The testimony we offer confirming our opinion of it, is all the more gratifying when it is considered that these letters are from men nearly all of whom are largely engaged in growing vegetables for market. In our grounds it is the earliest of all Cauliflowers.

Sown at some time and under some conditions with ten other kinds, on the first of March last year, we had heads of the Early Snowball, measuring nine inches in diameter, ready by 18th June—about one week earlier than any other sort. Besides, of this variety, every plant formed a fine head in addition to its earliness and certainty to head than any other sort, its dwarf habit and short outer leaves allow it to be planted as close as 18 or 20 inches apart each way, so that from 12,000 to 14,000 can be set out on an acre.

DAYTON, O., Feb. 1, 1880.

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

WALTHAM, MASS., Oct. 10, 1880.

I think your Early Snowball Cauliflower is rightly named; for several seasons I have been far ahead of any other variety that I ever raised.

T. L. BARNES.

NEW MARKET, A. B., June 5, 1880.

I wish to say that, after years of trial in raising Cauliflower I find that Henderson's Early Snowball succeeds perfectly in this climate, in fact, as soon as I plant it it bursting out when planted; seed was sown in hot-bed Ist of February, plants set out March 22d, and we eat the first heads the 20th of May.

THOMAS N. SMITH.

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

Henderson's Early Snowball Cauliflower I have no hesitation in pronouncing a decidedly successful, after growing it for two seasons with great satisfaction.

GEO. L. MILLER.

TORONTO, CANADA, Oct. 28, 1880.

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

JAMES PAPE.

MCGREGOR, Ia., Oct. 5, 1879.

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

H. B. HINES.

HUNTINGTON, O., March 26, 1880.

The Snowball Cauliflower I bought from you last year was the only sort I have had any success with for the last ten years. Every plant made a large head—a kind of creamy white.

W. H. HINER.

LEAVENWORTH, Kan., Feb. 25, 1880.

I sowed Henderson's Early Snowball Cauliflower last year on Feb. 15, transplanted March 10, set out 1st April, and began to sell 25th May. Every plant made a head—such splendid ones! Who can beat KADEE?

JOHN DAVIS.

DEER LODGE, MONTANA.

The Early Snowball Cauliflower I had from you, I found to be the best I ever grew. I shall plant them again this year.

C. VAUGHEN.

WEST NEWBURY, MASS., June 24, 1879.

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

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

NEW CASTLE, Pa., July 13, 1879.

I had from you this season some of your Snowball Cauliflower, and must say it is ahead of anything in our county; the heads are very compact and clean, and its flavor is general appeal to the market. I have never had anything to equal it.

R. M. ALLEN.

Price of Henderson's Early Snowball Cauliflower Seed, 50c. per pkt., $8.00 per oz. (4 oz. at oz. rates).
CELEY. Golden Dwarf.
A very distinct variety, which originated near Newark, N. J., and which is undoubtedly of great value, as shown by the facts that, although of very recent origin, it is already largely grown around that locality, for both the markets of Newark and New York. In size and habit of growth it is much the same as the Half Dwarf White kind, except that when blanched the heart, which is large and full, is of a waxy, golden yellow, rendering it a most striking and showy variety, for either market or private use. It is entirely solid, and of most excellent flavor, and one of the best keepers during winter we have ever known. (Shown in our Colored plate of 1879.)
20 cts. per pkt.; 75 cts. per oz.; $2.25 per ¼ lb.; $8.00 per lb.

CELEY. Henderson’s Half Dwarf.
This variety is now grown more extensively than any other by the Market Gardeners who supply the New York City Markets, and is the kind now found on the tables of all first-class hotels. When blanched it is of a yellowish white, making it very ornamental for the table, is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large-growing sorts in weight of bunch when grown under the same conditions.
15 cts. per pkt.; 60 cts. per oz.; $2.25 per ¼ lb.; $8.00 per lb.

CELEY. London Red.
We have tried to impress upon our customers, for years, the superiority of the Red Celery over the White. Not only that, as a rule, they are better flavored and more crisp, but that they are harder and keep better during winter. The variety London Red, figured in our colored plate of 1873, is one of the best we have ever seen, having every requisite good quality.
15 cts. per pkt.; 60 cts. per oz.; $2.25 per ¼ lb.

CELEY. White Walnut.
We secured twenty different kinds of celery last season, and tested them in our Trial Gardens. Out of the entire lot we selected this one as the best. It is of dwarf habit, seldom attaining a height of more than 20 inches. It is solid and heavy, and has a peculiar rich walnut-like flavor. A novel and valuable quality of this variety is its graceful and feather-like foliage, which, when blanched, makes it the most beautiful of all celery for the table.
20 cts. per pkt.; 75 cts. per oz.; $2.50 per ¼ lb.

CORN, Egyptian Sweet.
A comparatively new variety that has been grown near Baltimore, Md., for some time. The ears are of large size, and the flavor peculiarly rich and sweet, and so superior to other sorts of Sweet Corn, that hotels and families using it will have no other kind as long as this variety is to be had. The introducer, who is a large grower and canner of corn, states that the superiority of this variety is so well understood in his neighborhood, that the prices he receives for it both in the canned and green state, will average nearly one-half more than what he can obtain for any other sort he grows. Like all other large sorts it matures late.
200c. per qt., $1.50 per peck, $5.00 per bush.

LETTUCE, Green Fringed.
This very ornamental sort was shown in our colored plate for 1879. It certainly surpasses all other sorts in its handsome appearance; for, out of some forty varieties of Lettuce grown in our Trial Gardens last year, we found the Green Fringed to be the most distinct and beautiful of all. It is of a very delicate and peculiar shade of green, the inner parts of the leaves white, with the edges beautifully cut and fringed. It not only furnishes an abundance of tender leaves fit for use nearly all the summer, but its ornamental character makes it very desirable for table decoration.
15c. per pkt., $1.00 per oz.

LETTUCE, Black-Seeded Simpson.
We consider this Black-Seeded Simpson to be one of the most desirable acquisitions that has been made to our list of Lettuces within ten years. It has now been thoroughly tested, and from every side we hear the most satisfactory reports in regard to it. Like the ordinary Curled Simpson, it does not properly form a head, but a compact mass of leaves; but differs in being very much lighter colored, the leaves being almost white; stands the summer heat excellently, and attains a size nearly double that of Curled Simpson. It is equally suited for forcing; but, on account of its large size, it might not prove to be as profitable under some circumstances as the strictly forcing varieties, such as Boston Market or Tennis Ball.
15c. per pkt., $1.00 per oz., ½ lb. $3.50.

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

MUSK MELON, Bay View.
A large, prolific and fine flavored green fleshy Melon of recent introduction, and from all reports of great value, and likely to become a standard sort. It is stated that with ordinary cultivation this variety has produced Melons weighing from 10 to 15 lbs. in weight.
10c. per pkt., 25c. per oz., $1.25 per ¼ lb., $4.00 per lb.

MUSK MELON, The Hackensack.
The most popular variety of Musk Melon grown for market by gardeners in this vicinity. It attains a large size, is round in shape, flattened at the ends, is of most delicious flavor, and wonderfully productive. It somewhat resembles the Green Citron, on which, however, it is a decided improvement.
5c. per pkt., 15c. per oz., 25c. per ¼ lb., $1.50 per lb.

MUSK MELON, Surprise.
This new sort is described as having a thin cream-colored skin, and thick, salmon-colored flesh; is an early variety, exceedingly productive, and of delicious flavor.
10c. per pkt., 25c. per oz., 25c. per ¼ lb., $2.00 per lb.

PEA, Culverwell’s Telegraph.
A very valuable new variety, so distinct in appearance as to appear as a new type. It is a second early variety, a cross between Volunteer’s Perfection and Laxton’s Prolific, a strong grower, producing large pods, containing 10 to 11 very large peas in each pod, the peas are often so close together as to look like forming a double row in the pod; height 6 feet; the peas cooked are a deep green color, and of very fine flavor.
Price 75 cts. per qt.
(If by mail add 60c. per qt. for postage.)
SPINACH, New Thick-Leaved.

One of the very best Market varieties. It produces a large, thick dark green leaf, somewhat crumpled, and possesses the valuable quality of standing a long time before running to seed.

10c. per oz., 15c. per ½ lb., 50c. per lb.

RADISH, Early Round Dark Red.

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

5c. per pkt., 10c. per oz., 25c. per ½ lb., 80 cts. per lb.

SQUASH—Coconaut.

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

10c. per packet, 30c. per oz.

NEW TOMATO, Perfection.

Mr. Livingstone, the originator of those well-known Tomatoes, the Acme and Paragon, has this season sent us a new variety to offer, which he calls Perfection, and which he claims is far ahead in every respect, of the two famous sorts which have done him so much credit. Mr. Livingstone in describing it says, "that in color it is blood red, that it is as early as the Canada Victor (which is one of the very first to ripen) almost round in shape, perfectly smooth, and very solid. It is larger in size than the Acme, and a little smaller than the Paragon; its quality is of the very best, and it is enormously productive, bearing all through the season until frost. As it is very solid it will be found very valuable for shipping purposes, and it has the peculiarity of ripening all over and through at the same time."

25c. per pkt.

TURNIP, New White Egg.

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

10c. per pkt., 20c. per oz., 40c. per ½ lb., $2.00 per lb.
NEW POTATO. St. Patrick.

This variety, first introduced by us in 1879, and which is already a popular sort in this country, was also thoroughly tested in England last season, where it carried off the first premium at several Agricultural Shows where it was exhibited. The St. Patrick Potato is a direct descendant of the Garnet Chili and Early Rose, and is the best result of the rare iris (Mr. Goodale) careful experiments for the past twelve years in the production of new varieties. In appearance the St. Patrick is undoubtedly one of the handsomest Potatoes ever grown; it has a smooth white skin, and white flesh, few and shallow eyes; in shape it is rather obovate than round, and has no core, neither is it hollow; it is a strong and hardy grower, and from all accounts, has withstanded the rot so prevalent last season, better than any other sort. It produces but few small tubers, tips very medium early, and is enormous productive and of fine quality. In regard to its productivity, with ordinary soil and culture it should yield from 200 to 300 bushels per acre, and with extraordinary soil and culture, 400 bushels. The originator has frequently raised from 8 to 12 bushels per hill, and the future of single eyes was a fair average, attained by the use of fertilizers.

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

The 4 lbs. St. Patrick potatoes you sent me last spring were cut to single eye, and planted late in May in drills and without moisture. We had no rain for nearly a month, and not over half the pieces sprouted. We dug middle of September 2 bushels of Potatoes, nearly all of them large and with all smooth skins. The quality I consider first-rate, cooking, both baked and boiled, dryer than the Snowflake, and without a heart. They showed no signs of decay, which in this season is somewhat remarkable.

H. G. WESTLAKE.

NEW ORLEANS, La., June 6, 1879.

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

REINHARDT MAIER.

WILKESBARRE, Pa., Oct. 16, 1879.

I purchased of you 1 lb. of St. Patrick potatoes, and planted them in rather heavy soil, and gave no extra attention. They were dug three weeks since, and the result was promising. Of early growth, good-sized potatoes. Their cooking qualities were entirely satisfactory, and I shall plant them another season.

E. J. ALEXANDER.

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

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

H. M. HOWE.

BELFAST, L. I., Sept. 28, 1879.

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

Geo. T. Lyman.

DEFIANCE, O., Sept. 30, 1879.

Last spring I planted 2½ bushels of St. Patrick Potatoes on rather poor sandy ground, from which we have raised 220 bushels. They produced nearly double that of the Early Rose, and are much superior to the St.

JOHN HEILSHORN.

Price of St. Patrick potatoes, 50 cts. per lb. by Mail, or by Express or Freight, $1.25 per peck; $4.00 per bushel; $8.00 bbl.
VEGETABLE SEEDS.

VEGETABLE CULTURE.

Our space will not permit us to give extended cultural instructions under each class of Vegetable Seeds, but for full details of culture we would refer our customers, if raising for Market, to our book, "Gardening for Profit," as being best adapted to their wants; if for Amateurs, raising only for private use, the instructions laid down in "Gardening for Pleasure" will be found sufficiently comprehensive. Either of these books we send, postpaid, by mail, for $1.50 each, or we send them as premiums on orders amounting to $10, for conditions of which offer please see page 4 of this Catalogue.

General List

OF

VEGETABLE SEEDS.

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

ARTICHOKE.

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

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

Large Globe, best for general culture. Pkt. 10c; oz. 40c.
Jerusalem Artichokes. Strong tubers, qt. 25c.; pk., $1.50; bush, $8.00. A 5-lb. package by mail for $4.00.

ASPARAGUS.

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

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

For further information regarding culture of Asparagus, see "Gardening for Profit." If by mail in quantities of ½ lb. and upwards, postage must be added at the rate of 10c. per lb.

Colossal. The best variety, unrivalled in size, productiveness and quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

ASPARAGUS ROOTS.

Colossal. Two-year-old roots, by express, per 100, $1.25; per 1,000, $10.00; per 5,000, $40.00.
Colossal. One-year-old roots, by express, per 100, $1.00; per 1,000, $7.50; per 5,000, $30.00.

BEANS, English or Broad.

German, Gartenbohne.—French, Fève de Marais.—Spanish, Había.

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

Add 30c. per quart extra if to be sent by mail.


BROAD WINDSOR. Best for general use. Pkt., 25c.; qt., 30c.

Sword Long Pod. An excellent variety. Pkt., 20c.; qt., 40c.

BEANS, Dwarf or Bush.

German, Bobis.—French, Haricots.—Spanish, Pajarenos.

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

Add 30c. per qt. extra if to be sent by mail. Plants furnished at quart rates.

Early Ficee. The earliest variety; very prolific. Qt., 30c.; peck, $1.75; bush, $6.50.

EARLY RED VALENTINE. Early, productive, tender, succulent, and of excellent flavor; continues longer in the green state than most of the varieties. Qt., 30c.; peck, $1.75; bush, $6.50.
Large Globe Artichoke.
Page 41.

Colossal Asparagus.
Page 41.

Blood Turnip Beet.
Page 43.

Egyptian Beet.
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Bassano Beet.
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Swiss Chard.
Page 43.

White Sugar Beet.
Page 43.

Brussels Sprouts.
Page 45.
BEANS—Dwarf or Bush.—Continued.

WHITE VALENTINE. The habit of growth of this variety is very similar to the well-known Red Valentine, except for the fact that the bean itself being white, gives it additional value, as it enables it to be used as a shell bean. Qt., 40c.; peck, $1.50; bush, $5.00.

Early China. Rather earlier than the Valentine, but not quite as productive of good quality. Qt., 40c.; peck, $1.50; bush, $5.00.

GALILEA, OR LARGE REFUGEE. (See Special Description, page 36.) Qt., 30c.; peck, $1.75; bush, $5.50.

EARLY MOHAWK. An excellent early variety; very productive, and of good quality. Qt., 40c.; peck, $1.75; bush, $6.50.

LONG YELLOW SIX WEEKS. Early and prolific; an excellent variety for general crop. Qt., 30c.; peck, $1.75; bush, $6.50.

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

White Seeded Wax. A variety with wax-like pods similar to the Black Seeded Wax, except in color of seeds. Qt., 40c.; peck, $2.50; bush, $9.00.

CRYSTAL WHITE WAX. (See Special Description, page 36.) Qt., 40c.; peck, $2.50; bush, $9.00.

GOLDEN WAX. (See Special Description, page 36.) Qt., 40c.; peck, $2.50; bush, $9.00.

New York Red. A rather productive sort, pods very crisp and tender; a valuable variety for the market. Qt., 30c.; peck, $1.75; bush, $6.50.

REFUGEE, OR THOUSAND TO ONE. Very productive, though not early; young pods extremely tender, and of fine quality; exceedingly grown as a main crop. Qt., 30c.; peck, $1.75; bush, $6.50.

TURTLE SHELL. A fine variety, the young pods of which are very tender and of good flavor. The ripe seeds are used in the preparation of Turtle Soup. Qt., 30c.; peck, $1.75; bush, $6.50.

Dwarf Horticultural. A bush variety of the well-known Horticultural Pole Bean. Qt., 30c.; peck, $1.75; bush, $6.50.

Large White Kidney. Excellent as a shell bean, and also for dry use. Qt., 30c.; peck, $3.50; bush, $10.00.

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

Red Kidney or Chiliann. Largely used for field culture. Qt., 25c.; peck, $1.50; bush, $5.00.

BEANS, Polo or Running. German, Stangen-Bohn.—French, Haricots à Rameau.—Spanish, Judias.

These are more tender and require rather more care in culture than Bush beans, and are said to sow two weeks later than these; they succeed best in sandy loam, which should be liberally enriched with short manure in the form of cow manure, or bone meal and superphosphate, and thinned down to three to four inches apart; from five to six seeds are planted in each hill, about two inches deep. Add 30c. per quart for seed to be sent by mail. Plants furnishd at quart rates.

LARGE WHITE LIMA. This is esteemed the best of all the Pole Beans, and is almost universally grown both for market and private use. Qt., 50c.; peck, $3.50; bush, $12.00.

Small Lima or Sieva. In earlier and more hardy than the preceding; seed small, white and flat-shaped. Qt., 50c.; peck, $3.50; bush, $10.00.

DREER’S IMPROVED LIMA. The distinctive features of this variety are early maturity, large yield, and extra large size of seed. It is also claimed that it produces more shelled Beans to the pole than the large Lima. Qt., 50c.; peck, $3.50; bush, $10.00.

Speckled Lima. This variety is said to be an immense bearer. The Bean itself is much larger than the Large White Lima, and the shelled or speckled in the same manner as the Early China. Qt., 75c.

Dutch Case-Knife. A very productive variety, and one of the best known of the bean group, is a very valuable and popular. Qt., 40c.; peck, $2.50; bush, $8.00.

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

Scarlet Runner. A great favorite in European gardens, both as an ornamental plant and useful vegetable; the scarlet color of the pods and producing dazzling scarlet flowers. Qt., 50c.; peck, $3.50; bush, $12.00.

White Dutch Runner. Similar to the preceding excepting that its seeds are rounder, and color, while. Qt., 40c.; peck, $2.50; bush, $8.00.

GIANT WAX. Pods long, clear waxy-yellow; thick and deep flavored; a productive variety; when cooked, tender, firm and delicious. Qt., 60c.; peck, $4.50; bush, $16.00.

German Wax. One of the largest and finest, either for summer or winter use. Qt., 50c.; peck, $2.00; bush, $10.00.

BEET. German, Rüssel Rübe.—French, Bette.—Spanish, Zanahoria.

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

If by mail in quantities of 1/2 lb. and upwards, postage must be added at the rate of 10c. per lb.

EGYPTIAN TURNIP. The earliest Beet in cultivation; coll no. 5, oz. 15c.; 1 lb., $1.75.

BANTAM RED TURNIP. After the Egyptian Turnip probably the earliest variety of Beet is of blood-red color when boiled. Qt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., $2.00.

DEWING’S IMPROVED BLOOD TURNIP. Roots deep blood-red, of fine form and flavor. Very early. Qt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., $2.50.

LIMA BLOOD TURNIP. The standard early sort; an excellent variety. Qt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., $2.50.

Early Swiss Chard, Silver or Sea-Kale Beet. This variety is chiefly grown for its leaves. Qt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., $2.50.

Long Smooth Blood-Red. An excellent late variety, a great improvement on the Swedish Long Blood. Qt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., $2.50.

Early Yellow Turnip. Similar to the Blood Turnip, but differing in color; flesh yellow, tender and sweet. Qt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., $2.50.

PINEAPPLE. A highly esteemed English variety, of rich, deep crimson color. Qt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., $2.50.

Papillote. Attractive. Beautiful for garnishing and flower garden decoration, the stems and veins being richly colored with crimson, yellow and white. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., $2.50.

Swiss Chard, Silver or Sea-Kale Beet. This variety is chiefly grown for its leaves. Qt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., $2.50.

The following varieties are grown for Feeding Stock. See in April Catalogue.

PETER HENDERSON & CO.—VEGETABLE SEEDS.

NORBITON GIANT LONG RED MANGEL WURZEL. This is the finest stock of Long Red Mangel in cultivation. Oz., 10c.; 1 lb., 20c.; 10 lb., 60c.

MAMMOTH LONG RED MANGEL WURZEL. A particularly handsome stock of Mangel. The roots attain an enormous size, smooth and regular in shape. Oz., 10c.; 1 lb., 20c.; 10 lb., 60c.

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

YELLOW VIOLET. (See Orch.) In shape this sort is intermediate between the Long Red Mangel and very nutritious and valuable variety. Oz., 10c.; 1 lb., 20c.; 10 lb., 60c.

RED VIOLET. The same in all respects as the preceding, except as to color. Oz., 10c.; 1 lb., 20c.; 10 lb., 60c.

KINVER YELLOW GLOBE. The Kinver Globe is undoubtedly the best stock of Yellow Globe Mangel in cultivation. See further reference to it on the various circulars under *Roots* or *Cv.* Oz., 10c.; 1 lb., 20c.; 10 lb., 60c.

CHAMPION YELLOW GLOBE. Smooth globe-shaped and producing roots of large size. See further reference to the distinctive features of this variety. Oz., 10c.; 1 lb., 20c.; 10 lb., 60c.
Kluner Yellow Globe Mangel.  
Page 43.

Lane's Imperial Sugar Beet.  
Page 45.

Norbitor Giant Mangel Wurzel.  
Page 43.

Yellow Ovoid Mangel.  
Page 43.

Long Smooth Blood Beet.  
Page 43.

Yellow Globe Mangel.  
Page 43.
BEEF.—Continued.

Yellow Globe Mangels. Roots of large size and shape, very crisp, and better than the Long Red, and is better adapted for growing in shallow soil. Oz., 1 c.; 1 lb., 18c.; 10 lb., 1.60c.

Red Mangels. This variety, like the Yellow Globe, is identical with the Mangel Varzel, except in color. Oz., 1 c.; 1 lb., 18c.; 10 lb., 1.60c.

White Sugar Beet. Attains a large size, and is extensively grown for feeding; largely cultivated in Pennsylvania. Oz., 1 c.; 1 lb., 18c.; 10 lb., 1.60c.

VEGETABLES.

White Sugar Beet. A greatly improved variety of the preceding. Oz., 1 c.; 1 lb., 20c.; 10 lb., 1.75c.

LANCE'S IMPERIAL SUGAR BEET. An improved variety of the French Sugar Beet, obtained by careful selection in this country, and recommended as being harder, more productive, and containing a greater percentage of sugar than the ordinary variety. Oz., 1 c.; 1 lb., 20c.; 10 lb., 1.75c.

BROCCOLI.

German, Broccoli, Spargel-Kohl.—French, Chou Brocoli.—Broccoli.

Nearly allied to the Cauliflower, but more hardy; the seed should be sown in this district in the early part of May, and transplanted into the garden in the first week of July, as soon as the seedlings are large enough to handle. Oz., 1 c.; 1 lb., 20c.; 10 lb., 1.75c.

PUTNIUM.

White Cape. Heads medium size, close, compact, and of creamy white color; one of the most certain to head. Pkt., oz., 5c.; 1 lb., 25c.

WHITE CAPE BROMES. Offering only in color. Pkt., oz., 5c.; 1 lb., 25c.

VALCHEREU. A valuable variety, with very large, firm heads. Pkt., oz., 6c.; 1 lb., 35c.

BRUSSELS SPROUTS.

German, Kopf Kohl Grüner.—French, Chou de Bruxelles. This is one of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts, resembling small cabbages, of excellent quality. It has never come into general use in this country, probably owing to its being too tender to stand the winters of the Northern States; still, by sowing in April or May, and planting out in July, it may be had in fine condition until December; and in the Southern States may be had in use from September to November.

If by mail in quantities of 1/2 lb. and upwards, postage must be added at the rate of 16c. per lb.

TALL FRENCH. (See cut.) Very fine. Pkt., oz., 6c.; 1 lb., 35c.

DWARF IMPROVED. A variety producing compact sprouts of excellent quality. Pkt., oz., 15c.; 1/2 lb., 5c.; 1 lb., 25c.

CABBAGE.

German, Kopf Kohl.—French, Chou Pomme.—Spanish, Rolito.

The early varieties of Cabbage are cultivated more extensively than any other vegetable. In latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October and planted out on the first opening of spring; but in our Northern States they must either be sown in hot beds in February or, if grown better adapted over in cold frames; for this purpose the seed is sown in the 10th or 20th of September. Attention to date is important; if too soon the plants will be tall and leafy, and if too late they would be too small. In four or five weeks from the time of sowing they will be fit to transplanted into the cold frames. In planting the young plants of large or average size, the flower that the plant is set down to the first leaf, so that the stem is all under ground, for, if exposed, it will wither by the action of the cold, and will probably perish in consequence. The plants are usually set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. The late varieties are usually sown in the early part of May, and the plants are set out about the distance of three feet between the rows, and two feet between the plants.

If by mail in quantities of 1/2 lb. and upwards, postage must be added at the rate of 16c. per lb.

EARLY JERSEY WAKEFIELD. (See cut.) Extensively grown in all parts of the country, as the best and most profitable early variety in cultivation. An excellent variety for market. Pkt., oz., 5c.; 1 lb., 45c.; 10 lb., 1.75lb.

HENDERSON'S EARLY SOUTHER. (See special description page 30.) Pkt., oz., 6c.; 1 lb., 20c.; 1 lb., 75c.

EARLY WINNINGSTADT. An excellent sort; heads of large size and fine quality. Pkt., oz., 5c.; 1 lb., 40c.; 1 lb., 75c.

EARLY YORK. A well-known favorite variety. Pkt., oz., 5c.; 1 lb., 40c.; 1 lb., 75c.

EARLY SPRING CHELSTON. A large market variety. Pkt., oz., 20c.; 1 lb., 75c.; 1 lb., 50c.

Large Early Swede. Larger and later than the preceding. Pkt., oz., 25c.; 1 lb., 1.15c.; 1 lb., 50c.

Large Early Swede Otaf. A large early variety; fine for summer and in Lath. Pkt., oz., 6c.; 1 lb., 35c.; 1 lb., 1.25lb.

ST. JOHN'S DAY DRUMHEAD. A very distinct early variety, with almost dwarf, with very small, round, hard heads, about as early as the Winningstad. Pkt., oz., 5c.; 1 lb., 40c.; 1 lb., 75c.

LARGE LATE DRUMHEAD. Grows to a large size, with round, compact heads. Pkt., oz., 25c.; 1 lb., 1.15c.; 1 lb., 50c.

LARGE BERGEN DRUMHEAD. One of the latest; heads of large size and fine quality. Pkt., oz., 10c.; 1 lb., 40c.; 1 lb., 75c.

PREMIUM FLAT DUTCH. (Extra selected stock.) This is a very fine strain of this standard variety, so grown for fall and winter use. Pkt., oz., 10c.; 1 lb., 40c.; 1 lb., 75c.

STONE CROSBY. An improved variety of the Mason Drumhead, of sweet and tender quality. Pkt., oz., 5c.; 1 lb., 25c.; 1 lb., 50c.

JAMES BURGER DRUMHEAD. This is a late variety, and the largest of all cabbages; heads large and of very good quality, weighing upwards of fifty pounds. Pkt., oz., 10c.; 1 lb., 40c.; 1 lb., 75c.

FOTTLER'S IMPROVED BRUNSWICK. An excellent second early and late variety. Pkt., oz., 35c.; 1 lb., 1.15c.; 1 lb., 50c.

GREEN GLAZED. A late variety that has been grown for many years in the Southern States, and considered very valuable because of the immunity it enjoys from all insect attacks. It forms heads of good size and quality, and of glossy peacock-green color. Pkt., oz., 35c.; 1 lb., 1.15c.; 1 lb., 60c.

SILVER LEAF DRUMHEAD. It is a late cropper, and considered one of the best-shipping and market kinds. It forms a solid head, and is an excellent keeper. Pkt., oz., 10c.; 1 lb., 50c.; 1 lb., 1.25lbs.

RED DUTCH. Used almost exclusively for pickling. Pkt., oz., 10c.; 1 lb., 50c.; 1 lb., 1.25lbs.

EARLY BLOOD-RED ERFURT. Earlier than the preceding; valuable for pickling. Pkt., oz., 10c.; 1 lb., 50c.; 1 lb., 1.25lbs.

DRUMHEAD SAUVY. (American.) The largest heading sort; of excellent flavor. Pkt., oz., 35c.; 1 lb., 1.15c.; 1 lb., 50c.

Green Globe Cabbage. Smaller than the above, of good quality. Pkt., oz., 10c.; 1 lb., 50c.; 1 lb., 1.25lbs.

Early Dwarf Ultim Cabbage. A very early and superior dwarf variety, of fine flavor. Pkt., oz., 25c.; 1 lb., 1.15c.; 1 lb., 50c.

NETT DET SAUVY. (See special description, page 30.) Pkt., oz., 20c.

CARDOON.

German, Karden.—French, Cardon.—Spanish, Cardo Hortense.

Cardoon is grown for the leaves of the chief, which requires to be blanched in the same manner as Celery. Sow early in spring, where the plants are to remain, in drills three feet apart. Thin them in the same order; for later crops they may be sown any time until the middle of June. Sow in rows six, and fifteen inches apart, thinning out to three or four inches between the plants.
Jersey Wakefield Cabbage.  
Page 36.

Early Winningstadt Cabbage.  
Page 45.

Large Early York Cabbage.  
Page 45.

Early Flat Dutch Cabbage.  
Page 45.

Henderson's Early Summer Cabbage.  
Page 37.

Early Ulm Savoy Cabbage.  
Page 45.
CARROT—Continued.

If by mail in quantities of 1/4 lb. and upwards, postage must be added at the rate of 10c. per lb.

Early French Forcing. The earliest variety; valuable for forcing, and parboiled when fresh, for its fine flavor. Pkt., 5c.; oz., 10c.; 1 lb., 60c.; 10 lb., $2.00.

Early Scarlet Horn. An old and favorite sort, much esteemed for early summer use. Pkt., 5c.; oz., 10c.; 1 lb., 40c.; 10 lb., $1.75.

HOLY LONG. (STUMP ROOTED). (See note.) A variety intermediate in size and period of maturity between the preceding and Long Orange, described above.

Early Half Long Scarlet, (Pointed Rooted). Very similar to the preceding in all respects, except that it is pointed instead of stump rooted. Pkt., 5c.; oz., 15c.; 1 lb., 50c.; 10 lb., $5.00.

LONG ORANGE IMPROVED. Roots of large size, equally adapted for garden or farm culture. Pkt., 5c.; oz., 15c.; 1 lb., 50c.; 10 lb., $1.00.

Early Half Long Scarlet CARENTAN. (See Special Description, page 38.) Pkt., 5c.; oz., 10c.; 1 lb., 50c.; 10 lb., $2.00.

DANVERS. (See Special Description, page 36.) Pkt., 5c.; oz., 10c.; 1 lb., 50c.; 10 lb., $2.00.

Altringham. Large and long-flavored; an excellent sort. Pkt., 5c.; oz., 10c.; 1 lb., 50c.; 10 lb., 80c.

Large White Belgian. A very productive kind; grown as a perennial for stock-growing, as it sends up nearly three-fourths of its roots out of the ground; lower part of the root white, that above ground green. Pkt., 5c.; oz., 10c.; 1 lb., 50c.; 10 lb., $2.00.

Yellow Belgian. When young, the roots are mild, delicate and of good flavor; when full grown valuable for stock. Pkt., 5c.; oz., 10c.; 1 lb., 50c.; 10 lb., $1.00.

CAULIFLOWER.

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

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

The seeds should be sown in September and wintered over in the same manner as described for early Cabbage. When quite large they are transplanted to the open ground where they are firmly planted by sowing the seeds in the hot-bed in January or February, and transplanting the plants at two or three inches apart in boxes or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which, in this latitude, is usually from the 13th of March to the 10th of April. If properly hardened off they are seldom injured by planting out too early.

If by mail in quantities of 1/4 lb. and upwards, postage must be added at the rate of 10c. per lb.

HENDERSON'S EARLY SNOWBALL. (See Special Description, page 35.) Pkt., 5c.; oz., 80c.

EXTRA EARLY DURHAM ERUFORT. One of the earliest varieties in cultivation. Very large, dwarf, white, compact heads of finest quality. Pkt., 5c.; oz., 10c.; 1 lb., 50c.; 10 lb., $2.00.

EXTRA EARLY DURHAM ERUFORT. A favor- ite early market variety; large compact heads of fine quality. Pkt., 25c.; oz., 50c.; 1 lb., $1.00; 10 lb., $2.00.

EXTRA EARLY PARIS. A well-known excellent variety. Pkt., 35c.; oz., 75c.; 1 lb., 50c.; 10 lb., $2.00.

HALF-EARLY PARIS, OR NON-PARIEL. One of the best. Pkt., 25c.; oz., 50c.; 1 lb., 50c.; 10 lb., $2.00.

Early London. An excellent and very early variety. Pkt., 35c.; oz., 75c.; 1 lb., 50c.; 10 lb., $2.00.

LENORMAND'S SHORT STEMMED. A large, late variety, with well-formed heads of superior quality. Pkt., 5c.; oz., 10c.; 1 lb., 50c.; 10 lb., $1.00.

Walachener. An old and favorite variety. Pkt., 10c.; oz., 25c.; 1 lb., 50c.; 10 lb., $2.00.

ALPINE. An excellent late sort, now getting into general favor. Pkt., 25c.; oz., 50c.; 1 lb., 50c.; 10 lb., $2.00.

Veitch's Autumn Giant. A valuable late variety. Pkt., 25c.; oz., 50c.; 1 lb., 50c.; 10 lb., $1.00. 120 lb.

CELERIAC. (See Special Description, page 38.) Pkt., 5c.; oz., 10c.; 1 lb., 50c.; 10 lb., $2.00.

CELERIAC, TURNIP-ROOTED CELERY.

French, Chleri-rave—German, Knop-Seler.

If by mail in quantities of 1/4 lb. and upwards, postage must be added at the rate of 10c. per lb.

A variety of Celery having turnip-shaped roots, which may be cooked and sliced, and used with vinegar, making a most excellent salad; prepared in the same manner as Celery. Pkt., 10c.; oz., 25c.; 1 lb., 75c.; 10 lb., $6.50.

New Apple Shaped. A great improvement over the old variety, having small foliage, large tubers almost round in shape, and smooth. Pkt., 10c.; oz., 25c.; 1 lb., $1.00; 10 lb., $3.00.

CELERY PLANTS.

Full detailed Price List will be found under the head of Vegetable Plants.
48  PETER HENDERSON & CO.—VEGETABLE SEEDS.

Half Long Red Stump Rooted Carrot,
Page 47.

French Forcing Carrot,
Page 47.

Early Scarlet Horn Carrot,
Page 47.

Henderson's Early Snowball Cauliflower,
Page 47.

Improved Long Orange Carrot,
Page 47.

Tuberous Rooted Chervil,
Page 49.

White Belgian Carrot,
Page 47.
CHICORY. If by mail in quantities of ½ lb. and upwards, postage must be added at the rate of 5c per lb.

Large Rooted. Used to mix with, or as a substitute for Coffee. Cultivate the same as the Carrot. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; ½ lb., $1.50.

CHERVIL. German, Gartenkerbel.—French, Cerfeuil. If by mail in quantities of ½ lb. and upwards, postage must be added at the rate of 6c per lb.

Chervil, Curled. An aromatic sweet herb. The young leaves are very popular as a salad and asparagus. Sow thinly in March or April in drills half an inch deep, one foot apart. Pkt., 5c.; oz., 15c.; ½ lb., 30c.; 1lb., $1.00.

Waves and Pots Sowed in March or April; after treatment same as the Carrot. Pkt., 10c.; oz., 30c.; ¼ lb., $1.00; ½ lb., $5.00.

CORN, Sweet. German, Welschkorn.—French, Maïs.—Spanish, Maiz. All varieties of Sweet Corn may be either sown in rows four and a half feet apart, and the seeds planted about eight inches in the rows, or planted in hills at distances of three or four feet apart. The hills should be 1½ feet apart, or the rows grown, or the richness of the soil in which it is planted. The taller the variety, or the richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May, and continue sowing as late as the 30th of July; very sweet until the last week in July. In more southerly latitudes planting is begun a month earlier and continued a month later. Add 20c per quart extra to be sent for small. Plants furnished at quart rates.

EARLY NARRAGANSETT. One of the earliest of the sweet varieties; ears small, tender and of excellent quality. Qt., 2c.; peck, $1.25; bushel, $7.50.

EARLY MINNESOTA. Very early; a decidedly excellent variety, and one of the best qualities of the early kind. Qt., 2c.; peck, $1.25; bushel, $7.50.

CROSBY'S EARLY SUGAR. An excellent early variety; ears small; a great favorite in the markets of all the large cities. Qt., 2c.; peck, $1.25; bushel, $7.50.

LARGE EARLY EIGHT-ROVED. One of the best of the sweet varieties; ears long, with white cob. Qt., 3c.; peck, $2.50; bushel, $14.00.

HICKOX IMPROVED. A new and very valuable variety for market; the ears are two-rowed, straight, of the finest quality of the very best. Qt., 2c.; peck, $1.25; bushel, $7.50.

EARLY ADAMS, or Burlington. Strictly speaking, this is an early field variety, although largely sold for table use; we therefore class it among the Sweet Corn. It is grown extensively on this coast, chiefly in the New York markets. Qt., 2c.; peck, $1.25; bushel, $7.50.

Early Dwarf Sugar. Grows to an average height of two and a half feet tall; ears small; very sweet; one of the earliest. Qt., 2c.; peck, $1.25; bushel, $7.50.

EXTRA EARLY TOM THUMB. A very early and useful variety. Kernels of fair size, white, and sweet; stalks about 3 feet high; it is already a popular market variety, and as it is said to be a cross of this variety with the Blatler-Kohl, of German origin, we have named it. Qt., 4c.; peck, $2.50; bushel, $7.50.

Darling's Early Sugar. The earliest of all the tall varieties; ears small, well-formed and sweet. Qt., 2c.; peck, $1.25; bushel, $7.50.

Tools' Early Concord. Cars large and well-filled; early, and unsurpassed for richness and delicacy of flavor. Qt., 4c.; peck, $2.50; bushel, $14.00.

EGYPTIAN, NEW. (See Special Description page 43.) Qt., 2c.; peck, $1.50; bushel, $7.50.

ST. MARGARET. A late variety, of excellent quality, remaining longer in the green state than any other kind. Qt., 2c.; peck, $1.25; bushel, $7.50.

TRIUMPH. Said to be the earliest of the large varieties. Flavor rich and sweet; largely grown as a market sort. Qt., 2c.; peck, $1.25; bushel, $7.50.

MAMMOTH SUGAR. A late variety, and one of the largest; practically pudding and fine flavored. Qt., 2c.; peck, $1.25; bushel, $7.50.

Black Sugar. A black glazed variety, one of the sweetest of all. Qt., 3c.; peck, $2.25; bushel, $14.00.

CORN, Field. VARIETIES for INDOR CULTURE. Early Yellow Canada. A well-known early variety. Doz. ears, 40c.; 100 ears, $5.50.

Early Dutton. A handsome variety, of excellent quality. Doz. ears, 40c.; 100 ears, $5.50.

Large Yellow Flint. Productive and of good quality. Doz. ears, 40c.; 100 ears, $7.50.

Large White Flint. Similar to the preceding, except in color. Doz. ears, 40c.; 100 ears, $7.50.

Compton's Early Yellow. Doz. ears, 30c.; 100 ears, $5.00.

Chester Co., Mammoth. The largest variety of Field Corn in cultivation. Shelled, $1.00 per peck; $8.00 per bushel. Doz. ears, 75c.; 100 ears, $5.00.

Blunt's Proliif. Shelled, $1.00 per peck; $8.00 per bushel. Pkt., 10c.; 100 ears, $2.50.

SWEET FODDER CORN. For sowing. Sow three bushels to the acre, broadcast, or half that quantity in drills. For tuba, $2.25.

WHITE POP CORN. For parching (in ears). Lb., 30c.; 100 lbs., $8.00.

CORN SALAD or FETTICUS. German, Lammerknoll—French, Mâche.—Spanish, Canónogos. A vegetable used as a salad, and sold to a large extent in our New York markets. It is sown on the first opening of spring, in rows, one foot apart, and is fit for use in six or eight weeks from time of sowing. If wanted to come in early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is gathered over exactly as Spinach. If by mail in quantities of ½ lb. and upwards, postage must be added at the rate of 1c per lb.

Large Leaved. Pkt., 5c.; oz., 15c.; 1 lb., 30c.; ½ lb., $1.00.

Small Seded. Pkt., 5c.; oz., 15c.; 1 lb., 30c.; ½ lb., $1.00.

COLLARDS, True Georgia. German, Blüte-Kohl.—French, Chou.—German, Blätter-Kohl. Sow for succession from June to August, and treat as Cabbage. It is the favorite variety of all collard heads. If by mail in quantities of ½ lb. and upwards, postage must be added at the rate of 1c per lb.

CRESS, or PEPPERGRASS. German, Kreisse—French, Crésion—Spanish, Mastrozo. A well-known pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.

If by mail in quantities of ½ lb. and upwards, postage must be added at the rate of 1c per lb.

Extra Coarse. Very fine; may be cut two or three times. Pkt., 5c.; oz., 15c.; 1 lb., 30c.; ½ lb., $1.00. Australian Cress. Fine, piquant flavor. Pkt., 5c.; oz., 15c.; 1 lb., 30c.; ½ lb., $1.00.

CRESS, Water. German, Brunnenwasser.—French, Crésion de Fontaines.—Spanish, Berro. This is a well-known hardy perennial aquatice plant, growing abundantly along the margins of running streams, ditches and ponds, and sold in immense quantities in our markets in spring. Where it does not grow naturally, it is easily introduced by planting along the margins of ponds and streams, where it increases, both by spreading of the roots and by seeding. It has a particularly pleasant, pungent taste, agreeable to most people.

If by mail in quantities of ½ lb. and upwards, postage must be added at the rate of 1c per lb.

CUCUMBER. German, Gurke.—French, Concombre.—Spanish, Cucumbro. Cucumbers succeed best in warm, moist, rich loamy ground. They should not be planted in the open air until there is a prospect of settled, warm weather. Plant in hills about four to five feet apart, and hills should be previously prepared, by mixing thoroughly with the soil of each a shovelful of well-rotten manure. When all danger from insects is passed, put out the plants, leaving three or four of the strongest to each hill. The fruit should be plucked when large, and removed in baskets. Whether ripened on the vine or left on the vines, it destroys their productiveness.

If by mail in quantities of ½ lb. and upwards, postage must be added at the rate of 1c per lb.

IMPROVED FLORIDA WHITE CUCUMBER. (See cut.) A favorite market variety of medium size, deep green, flesh crisp, and of fine flavor. Pkt., 1c.; oz., 10c.; 1 lb., 25c.; ½ lb., 50c.
Henderson's Half Dwarf Celery.  
Page 47.

Henderson's Half Dwarf Celery.
Page 47.

Minnesota Corn.  
Page 49.

West India Gherkin, or Burr Cucumber.  
Page 51.

Celeriac, or Turnip Rooted Celery.  
Page 47.

English Frame Cucumber.  
Page 51.
CUCUMBER.—Continued.

IMPROVED EXTRA LONG WHITE SPINE. An improved variety of the preceding and much superior to the old-fashioned Early Variety, much recommended by market gardeners. Pkt., 5c; oz., 15c; $1.00. Boston Pickling. Largely used about Boston by market men for canning, and also shipped to many parts of the United States. Pkt., 5c; oz., 15c; $1.00. Early Russian. An old and popular variety of medium size, straight and handsome, excellent for pickles when young. Pkt., 5c; oz., 15c; $1.00. Early Russian Giant. The seeds set out, growing in clusters and extremely productive. Pkt., 5c; oz., 15c; $1.00. GREEN BEANS. One of the best pickling sorts. Its characteristics are its very uniform growth, hardly ever yielding cucumbers too large for pickling, and in its immense productiveness. Pkt., 5c; oz., 15c; $1.00. 

LONG GREEN. A fine long fruit of excellent quality, dark green, firm and crisp. Pkt., 5c; oz., 15c; $1.00. West India Gherkin, or Burr. Used for pickles. Pkt., 10c; oz. 25c; $1.00. 

CUCUMBER, Frame or Forcing. Sow in small pots from middle of January, in a hot-bed or greenhouse. When three leaves are out, transplant into a previously prepared hill of loose, rich soil, in the centre of the bush. Keep a temperature of 60 degrees at night, 75 to 85 degrees by day, with sun. The following selection includes some of the leading English varieties:


Price, per packet, 25 cents.

DANDELION. German, Parodolben.—French, Pisse-en-lit.—Spanish, Amargonz. The Dandelion resembles Endive, and is sometimes cultivated for spring greens, or for blanching for salad. The roots when dried and roasted are often employed as a substitute for coffee. The seed should be sown in May or June, in drills half an inch deep, and twelve inches apart. The plants will be ready for use the following spring.

If by mail in quantities of 1 lb., and upwards, postage must be added at the rate of 10c. per lb.

Dandelion Common. Pkt., 10c; oz., 40c.

NEW LARGE-LEAVED. Its name partly descriptive, although we would point out that its leaves are fully double the size of the common Dandelion. It is such a great advance over the old variety, so largely used for salads, etc., that it will soon entirely supersede it. Pkt., 15c; oz., 50c.

Egg Plant. German, Eierpflanze.—French, Aubergine.—Spanish, Melocotonero. The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seeds should be sown in hot-beds the first week in April, care being taken to protect the young plants from cold at night. Plant out about June 1st, about two and a half feet apart. If no hot-bed is at hand, sufficient plants may be raised in a small garden by sowing a few seeds in common flower-pots, or boxes in the house.

If by mail in quantities of 1/2 lb. or upwards, postage must be added at the rate of 15c. per lb.

NEW YORK IMPROVED. (See cut.) The leading market variety, most excellent and very productive. Pkt., 10c; oz., 50c; 3/4 lb., $1.50; 1 lb., $2.50. Early Long Purple. (See cut.) Differing in shape from the Black Early; early, hardy and productive. Pkt., 10c; oz., 30c; 1/2 lb., $1.00; 1 lb., $2.00. BLACK PEKIN. The fruit of this handsome variety is jet black, round in form and very solid; it is quite early and a very superior variety. Pkt., 10c; oz., 40c.

Scarlet Fruited. An exceedingly ornamental variety. Pkt., 10c; oz., 75c.

ENDIVE. German, Endivien. French, Chicorée.—Spanish, Endivia. Endive is one of the best salads for fall and winter use. Sow for an early crop about the beginning of the month of July. It requires no special soil or manure, and after planting is kept clear of weeds until the end of the season. It is particularly useful in the process of blanching begins. This is effected by gathering up the leaves and tying them by their tips in a conical form, which, with some brown bark, excludes the light and air from the inner leaves, which, in the course of from three to six weeks, according to the temperature at the time, become blanched. Another and simpler method consists in covering up the plants, as they grow, with slats or boards, which serve the same purpose, by excluding the light, as the tying up.

If by mail in quantities of 1 lb., and upwards, postage must be added at the rate of 15c. per lb.

GREEN CURLED. Very hardy; leaves dark green, tender and crisp. Pkt., 5c; oz., 30c; 1/2 lb., 40c; 1 lb., $2.00. White Curled. Leaves pale green; should be used when young. Pkt., 10c; oz., 50c; 1/2 lb., $1.00; 1 lb., $2.00. French Moss Curled. A beautiful variety of fine quality. Pkt., 10c; oz., 50c; 1/2 lb., $1.00; 1 lb., $3.00. Broad Leaved Batavian, (Escarole). Chieflly used in soups and stews; requires to be tied up for blanching. Pkt., 10c; oz., 30c; 1/2 lb., $1.00; 1 lb., $5.00.

GARLIC. German, Knoblauch.—French, Alli.—Spanish, Ajo. Used for flavoring soups, stews and other dishes. Garlic varieties not best in our climate. They are generally not productive. Stalks should be planted in early spring, in rows one foot apart, and from one to five inches between the plants in the rows. The crop matures in August, when it is harvested like the Onion. The following selection includes some of the leading varieties:

German, Blätter Kohl.—French, Chou Vert.—Spanish, Breton. Kale or Borecole may be grown in almost any soil, but the richer the soil the more abundant the crop. From the middle ofApril to the beginning of May in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for cabbages. Of all the cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

If by mail in quantities of 1 lb., and upwards, postage must be added at the rate of 15c. per lb.

Garlic Sets. Per lb., 30c.

KALE, or BORECOLE. German, Blätter Kohl.—French, Chou Vert.—Spanish, Breton. Kale or Borecole may be grown in almost any soil, but the richer the soil the more abundant the crop. From the middle of April to the beginning of May in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for cabbages. Of all the cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

DWARF CURLED KALE, GERMAN GREENS or *SPINACH.* This variety is extensively grown as Winter Greens, sown in hill during the month of September, in rows one foot apart, and treated in every way as Spinach; it is ready to use in early spring. This variety will not be able to supply this season, before August. Pkt., 5c; oz., 30c; 1/2 lb., 50c; 1 lb., 75c.

GREEN CURLED. Dwarf variety, growing about eighteen inches in height; but spreading under good cultivation to three feet in diameter; leaves of a bright green, beautifully curled. Pkt., 5c; oz., 15c; 1 lb., 40c; 1 lb., $1.25.

BROWN GERMAN CURLED. A very hardy and useful variety. Pkt., 5c; oz., 15c; 1/2 lb., 30c; 1 lb., $1.25. Cottager's Kale. A valuable variety, of excellent flavor, and an immense cropper; grown about a foot in height; leaves rich green, curled and feathered to the ground. Pkt., 5c; oz., 30c; 1/2 lb., 40c; 1 lb., $1.50. Variegated Triple Curled. Leaves beautifully curled and variegated; an excellent vegetable, and exceedingly ornamental. Pkt., 10c; oz., 30c; 1/2 lb., 40c; 1 lb., $2.00.

KOHL RABI. German, Kohlrabi.—French, Chou-rave.—Spanish, Col de Nabo. A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seed in rows in May, June and July, according to the latitude in this district, we sow the seed as early as possible, for sowing drill, thinning out to eight inches between the plants. It is rather difficult to transplant, and it is generally preferable to sow them rather late, in drills two or three inches apart, although, when the weather is favorable, the thinning may be performed direct, or by transplanting. If by mail in quantities of 1/2 lb. and upwards, postage must be added at the rate of 15c. per lb.
Improved Early White Spine Cucumber.
Page 49.

Large Purple Egg Plant.
Page 51.

N. Y. Improved Egg Plant.
Page 51.

Corn Salad, or Petticus.
Page 49.

Green Curled Endive.
Page 51.

American Flag Leek.
Page 53.

Early Vienna Kohlrabi.
Page 53.

Dwarf Curled Kale.
Page 51.
KOHLS®—Continued.

EARLY WHITE VIENNA.  (See Cut.)  Flesh white and tender; the best market sort; excellent for table use.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.50.

Early Purple Vienna.  Different from the above in color, which is of a dark lilac purple.  Pkt., 10c.; oz., 30c.; ¼ lb., $1.00; lb., $3.50.

LEEK.

German, Lauch.—French, Poirole;—Spanish, Puero.
The Leek is very hardy, and easily cultivated; it succeeds best in a light but well-enriched soil.  Sow as early in spring as possible, in one inch deep and one foot apart.  When six or eight inches high they may be transplanted in rows ten inches apart, or in hill one foot apart, and as deep as possible; that the neck being covered, may be blanched.  If young Leeks are desired, the ground can hardly be made too rich.

If by mail in quantities of ½ lb. and upwards postage must be added at the rate of 10c. per lb.

LARGE AMERICAN FLAG.  (See Cut.)  A favorite market variety.  Pkt., 10c.; oz., 30c.; ¼ lb., $1.00; lb., $3.50.

MUSSELBURGH.  Grows to a large size.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.50; lb., $3.00.

Large Roun.  A large and excellent variety.  Pkt., 10c.; oz., 40c.; ¼ lb., $1.25; lb., $5.00.

LETTUCE.

German, Lattich.—French, Laitue; —Spanish, Lechuga.

Lettuce is not confined to the home gardens, and from its tractable nature and freedom from nearly all insects and disease, it is manage able in the hands of any amateur.  The best times for sowing are: in the open ground middle of September, and transplanted to cold frames as soon as large enough to handle, being set out in frames until the 1st of January, in an open manner as Cabbage.  In dry, well-sheltered spots by covering up with leaves Questioned in spring and summer season. Lettuce plants may be saved over winter without glass covering, in southern parts of the country without difficulty.  The plants for sale in market are grown in frames in February, and in hot-beds in March, and by careful covering up at night, make plants to set out in April; but these are not good and productive.  For succession crops, sowings may be made in the open ground as early as spring opens until July.

If by mail in quantities of ½ lb. and upwards postage must be added at the rate of 10c. per lb.

EARLY CURLER SIMPSON.  (True.)  (See Cut.)  This variety properly speaking, does not head, but forms a compact, close mass of leaves; the earliest and leading market sort.  Pkt., 10c.; oz., 30c.; ¼ lb., $1.00; lb., $3.50.

BLACK SEEDED SIMPSON.  (See Special Description.)  Pkt., 10c.; oz., 30c.; ¼ lb., $1.00; lb., $3.50.

GREEN FRINGED.  (See Special Description, page 38)  Pkt., 10c.; oz., 30c.; ¼ lb., $1.50; lb., $3.50.

Tennis Ball.  (Black Seeded.)  Forms a close, hard head, with a few outer leaves; a favorite forcing variety.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.75; lb., $5.50.

BLACK SEEDED BUTTER.  Similar to Tennis Ball, but larger; used extensively as an out-door variety.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.75; lb., $5.50.

BOSTON MARKET.  A superb variety; grows very compact, and is beautifully white and crisp.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.50.

Large India.  Withstands summer heat better than most kinds; forms an immense solid head.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $5.00.

LARGE WITH SUCH CABBAGE.  Excellent for summer; heads of good size, close and well formed.  A fine market variety.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.50.

WHEELER'S TOM THUMB.  Very dwarf and compact; crisp and excellent flavor; remains a long time before running to seed.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.75; lb., $5.50.

DUMAS WINTER EALPHA.  (See Cut.)  Heads very large, crisp, tender, and of good flavor; one of the best summer varieties.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.75; lb., $5.50.


ALL THE YEAR ROUND.  A hardy, crisp eating, and compact growing variety, with small close heads of a good quality; excellent for summer lettuces, and valuable for forcing.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.50.

Hardy Green Winter.  One of the best winter varieties; very hardy; and forms a solid head.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.50.

Brown Dutch.  Very hardy. One of the best for winter "cabbage". Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.50.

PARIS WHITE COS.  One of the best of the upright varieties; tender and crisp; should be tied up to insure blanching.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.00.

MARTYNIA.
The seeds are used to a considerable extent for pickling, when gathered green and tender.  Sow in the open ground in May, and transplant two feet apart.

If by mail in quantities of ½ lb. and upwards postage must be added at the rate of 10c. per lb.

MARTYNA PROBUSCIDEA.  Pkt., 10c.; oz., 30c.; ¼ lb., $1.00; lb., $5.00.

MELON, Musk.

German, Melone.—French, Melon.—Spanish, Melon.

Melons thrive best in a moderately enriched light soil; the hills should be six feet apart each way.  Previous to planting, incorporate well with the soil in every hill a couple of handfuls of thoroughly rotted manure.  Sow about fifteen seeds in each; in early May, and when well up thin out to three or four of the most promising.  Prick off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerous, thin out when young, which will increase the size of those remaining and cause them to ripen quicker.

If by mail in quantities of ½ lb. and upwards postage must be added at the rate of 10c. per lb.

GREEN ORANGE.  Medium size, deep yellow, fleshed; nearly round, from six to eight inches in diameter; flesh green and very delicious.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.00.

MUSSELBURGH.  A medium size, deep yellow, fleshed melon, very good, and of superb quality.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.00.

ZOEY.  A medium size, smooth, and nearly round, excellent melon, of excellent quality.  Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.00.
G. C. Scotch Kale.
Page 51.

Drumhead, or Malta Lettuce.
Page 53.

Paris White Cos Lettuce.
Page 53.

Curled Simpson Lettuce.
Page 53.

Mushroom Spawn.
Page 56.

Sea Kale.
Page 51.

Martynia.
Page 53.

Green Citron Melon.
Page 53.

Phinney's Early Water Melon.
Page 53.
MELON, Water.—Continued.

MUSHROOM SPAWN
For simple and yet full directions for the cultivation of the Mushroom Spawns, or Mushrooms, refer to Mr. Henderson's recent work, "Gardening for Pleasure." The Spawn we offer is specially made for us each season.

French Spawn, (in boxes of 2 lbs., 75c.; if by mail, $1.00.)

NASTURTIUM, or INDIAN CRESS.
The seeds, while young and sweet, are pickled and used as capers. The plants are also highly ornamental; the tall variety makes an excellent screen or covering for ornamental, musk and oradage, planting in the garden.

If by mail in quantities of 1/4 lb. and upwards, postage must be added at the rate of 1¢ per lb.

Tall Nasturtium, Pkt., 5¢; oz., 15c.; 1/4 lb., 35c.; 1 lb., $1.00.

Dwarf Nasturtium, Pkt., 5¢; oz., 30c.; 1/4 lb., $1.00; 1 lb., $3.00.

OKRA, or GUMBO.

German, Essbare.—French, Gombo. Spanish, Guisbonbo.

This vegetable is extensively grown in the Southern States; its long pods are very tasty when sautéed in soups, stews, etc.; and are believed to be very nutritious. It is of the easiest culture, and grows freely, bearing abundantly in any garden soil. It is sown at the usual time of all tender vegetables, in drills two inches deep setting the plants from two to three feet apart.

If by mail in quantities of 1/4 lb. and upwards, postage must be added at the rate of 1¢ per lb.

IMPROVED DWARF GREEN.

Early and productive. Pkt., 5¢; oz., 25c.; 1/4 lb., 25c.; 1 lb., 75c.


ONION.

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

The Onion thrives best in a rather dry soil, rich and loamy, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The ground should be deeply dug and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working order, commence operations by drilling the ground with a rake and treat it firmly; sow thinly in drills about a quarter of an inch deep, distance six inches apart, and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that the four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

If by mail in quantities of 1/4 lb. and upwards, postage must be added at the rate of 1¢ per lb.

EXTRA EARLY FLAT RED. This variety ripens about ten days earlier than the large Wethersfield, and is rather more compact in size, but equally hardy. (See Cut.) Pkt., 5¢; oz., 30c.; 1/4 lb., $1.25; 1 lb., $4.75.

WETHERSFIELD LARGE RED. The staple variety of the eastern Onion-growers; of large size, and an excellent keeper. (See Cut.) Pkt., 5¢; oz., 30c.; 1/4 lb., $1.25; 1 lb., $4.75.

YELLOW DAVIES. An early variety, mild-flavored and very productive; ripens early, and a good keeper. (See Cut.) Pkt., 10¢; oz., 40c.; 1/4 lb., $1.25; 1 lb., $4.25.

Yellow Dutch, or Strasburg. One of the oldest varieties, the best of the brown skin, the earliest and a good keeper, and well flavored. Pkt., 10¢; oz., 40c.; 1/4 lb., $1.25; 1 lb., $4.00.

WHITE PORTUGAL, or SILVER SKIN. A handsomely globular Onion of mild flavor, but not a good keeper; extensively grown for pickling. (See Cut.) Pkt., 10¢, oz., 40c.; 1/4 lb., $1.25; 1 lb., $4.50.

WHITE GLOBE. A handsome globular Onion of mild flavor and an excellent keeper. One of the very best, (See Cut.) Pkt., 10¢; oz., 50c.; 1/4 lb., $1.50; 1 lb., $5.00.

The following are Italian varieties, and specially suited for cultivation in the Southern States:

GIANT RED. A strong-growing white, similar in color to the White Spanish, but with a distinctly large form. (See Cut.) Pkt., 10¢; oz., 50c.; 1/4 lb., $1.00; 1 lb., $3.00.

NEW NERO. A deep colored, round Onion, or of the ordinary white Mustard, stumps more succulent, of a deeper green, flavor pleasantly sweet and pleasant. Oz., 10¢; 1/4 lb., 35c.; 1 lb., $1.25.

NEW QUEEN. An excellent variety; as remarkable for its keeping qualities as the Mustard Green. (See Cut.) Pkt., 10¢; oz., 50c.; 1/4 lb., $1.00; 1 lb., $3.50.

LARGE WHITE ITALIAN TRIPOLI. A new and excellent variety, or of equal growth and mild flavor. Oz., 10¢; oz., 50c.; 1/4 lb., $1.00; 1 lb., $3.50.

LARGE RED ITALIAN TRIPOLI. This has the same characteristics as the White, except a deep red color however. Pkt., 10¢; oz., 50c.; 1/4 lb., $1.00; 1 lb., $5.00.

ONION SETS.
The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows one foot apart, with sets three or four inches apart. When raised from sets, the onions can be used in the green state in June, or they will be ripened off by July. Sets are produced by sowing the seed as early as the ground can be worked in the spring, very thinly in beds or drills; and about the middle of July, or whenever the tops die down, the small bulbs, or sets, are gathered and kept spread in a cool, dry, airy, or close cell, until the following spring. The Potato and Top Onions are grown only from bulbs.

Add 20¢ per quart extra if to be sent by mail.

White Onion Sets, Qt., 35¢; peck, $2.50.

Yellow Onion Sets, Qt., 30¢; peck, $2.25.

Potato Onions, Qt., 35¢; peck, $2.50.

Top, or Dwarf Onions, Qt., 35¢; peck, $2.50. Shallots, Qt., 40c.

Above prices subject to variation.

ORACHE, or MOUNTAIN SPINACH.

The leaves of the Orache are cooked and eaten in the same manner as Spinach, to which it is preferred by many persons. The seed may be sown about the end of September, and again in the spring for succession, in drills six inches apart. When the seedlings are about an inch high, thin them to six inches apart, and those removed may be planted in the same situation. In a similar situation, and watered occasionally, if needed, until established. The leaves may be gathered before the plants are really young, otherwise they will be worthless and stringy.

Parsnip.

German, Postmaat.—French, Pomme.-Spanish, Postumoza.

Sow as early in spring as the weather will admit in drills fifteen inches apart, covering half an inch deep. When well up, thin to six inches distance. In a similar situation, and watered occasionally, if needed, until established. The leaves may be gathered before the plants are really young, otherwise they will be worthless and stringy.

If by mail in quantities of 1/4 lb. and upwards, postage must be added at the rate of 1¢ per lb.
White Portugal Onion.
Page 55.

Yellow Dutch Onion.
Page 55.

White Globe Onion.
Page 55.

Wethersfield Red Onion.
Page 55.

Extra Early Flat Red Onion.
Page 55.

Yellow Danvers Onion.
Page 55.
PARSNIP.—Continued.

LONG SMOOTH OR HOLLOW CROWN. (See Cut.) Best for general use. Pkt. 5c.; oz., 10c.; ½ lb., $1.25; lb., $5.00.

The Student. A fine flavored variety. Pkt., 5c.; oz., 10c.; ½ lb., $1.00; lb., $4.25.

EARLY ROUND. An early variety, but of small size. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

PARSLEY.

German, Petrosela.—French, Persil.—Spanish, Pererid. Parsley succeeds best in a rich, mellow soil. As the seeds germinate very slowly, they should be sown in the spring. Best when grown near the sea, or where the water is tepid. Water thickly in rows a foot apart, and half an inch deep. For winter use protect in a frame or in boxes.

If by mail in quantities of 1/4 lb. and upwards, postage must be added at the rate of 10c. per lb.

DOUBLE CURLLED. A fine dwarf variety, beautifully curled; excellent for garnishing. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

CHRISTMAS GROWN CURLLED. (See Cut.) A very select stock, beautifully curled and frilled. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

FERN LEAF. Very beautiful variety, being more like a crested fern or moss than Parsley; very valuable for table decoration. Pkt., 15c.; oz., 25c.; lb., $1.00.

Plain Parsley. The leaves of this sort are plain; it is harder than the curled variety; good for flavoring. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

Hamburg, or Turnup-Rooted. A fleshy rooted kind; the roots are eaten with the cooking soups. Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., $1.00.

PEAS.

German, Erbs.—French, Pois.—Spanish, Guisnata. Peas come earliest to maturity in light rich soil. For general crop, a deep loam, or a soil strongly inclined to clay; for pickling, a stony soil; for dessert peas, deep, rich mold should be used, or if the soil is very poor, stronger manure may be used. For general crops a good dressing of manure is required, and for the dwarf-growing kinds, the soil can hardly be too rich. When grown as a market crop, Peas are never staked, and are sown in single rows, two to three inches deep, and from two to three feet apart, according to the variety, or the strength of the soil. When grown in small quantities for private use they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush. For an early crop, sow in February, March, as soon as the ground can be worked; and make repeated sowings every two weeks until the first of June, sowing should be discontinued until the peck, if desired. A good crop may sometimes be secured by sowing an early sort.

Add 30c. per quart extra if to be sent by mail. Pints for nished at quart rates.

Extra Early.

CARRUTHER'S FIRST CROP. One of the earliest varieties; recommended for the table. Pkt., 25c.; peck, $1.25; bushel, $5.00.

IMPROVED DANIEL GOURKE. A favorite extra early variety. Pkt., 30c.; peck, $2.25; bushel, $9.00.

Philadelphia Extra Early. A very desirable early variety; largely grown South. Pkt., 30c.; peck, $2.25; bushel, $9.00.

CARACRACTA. An early productive Pea, of good flavor; one of the best early round kinds. Pkt., 30c.; peck, $2.25; bushel, $9.00.

LAXTON'S ALPHA. The earliest of all the wrinkled Peas; of fine quality and very prolific; pods large and full. Pkt., 30c.; peck, $2.25; bushel, $9.00.

WILLIAM I. One of the newer varieties, of very fine quality. It is about one-third larger than the Philadelphia Extra Early, and yields 25 days later. Pkt., 40c.; peck, $3.00; bushel, $16.00.

AMERICAN PEARL. (See Special Description, page 39.) Quart, 75c.

MCELAN'S LITTLE GEM. A dwarf, green wrinkled Pea; early, and hardy; one of the best early kinds. Pkt., 5c.; peck, $2.25; bushel, $10.00.

EXTRA EARLY PREMIUM GEM. A very fine dwarf Pea of the same type, on which it is a great improvement. Pkt., 50c.; peck, $3.00; bushel, $16.00.

KENTISH INVICTA. About five days later than the Improved Daniel Gourke; ripens altogether; pods of a very beautiful color. A very good market variety; 2½ ft. Pkt., 45c.; peck, $2.25; bushel, $8.00.

MCELAN'S BLUE PETER. This may be called a larger and earlier form of Tom Thumb, having light blue seed. It is remarkably dwarf, very early, a capital bearer, and of excellent quality. Qt., 40c.; peck, $2.50; bushel, $9.50.

Tom Thumb. Remarkably dwarf and early, of excellent quality; pods and seed abundantly; 1 foot. Qt., 40c.; peck, $2.50; bushel, $9.50.

SECOND EARLY VARIETIES.

FILLBASKET. This new variety is one of the best second early Peas in cultivation; dwarf-growing, blue, of excellent quality. Qt., 40c.; peck, $2.00; bushel, $6.00.

LAXTON'S PROLIFIC LONG POD. A very productive variety, which 80 pods containing from 10 to 12 peas each; 4 feet. Qt., 40c.; peck, $2.00; bushel, $6.00.

BISHOP'S DWARF LONG POD. An excellent second early variety; first-class pods; pods well filled; 1½ feet. Qt., 30c.; peck, $2.00; bushel, $6.00.

PRIZE TAKER GREEN MARMOR. A very abundant bearer; pods long, handsome, well filled, of a deep green color. A good market variety. Qt., 30c.; peck, $2.00; bushel, $6.00.

EUGENIE. White wrinkled, an excellent cropper; 3 feet. Qt., 30c.; peck, $2.25; bushel, $8.00.

For General Crop.

CHAMPION OF ENGLAND. One of the best and most productive of the large and round kinds. Pkt., 25c.; peck, $1.50; bushel, $6.75.

LAXTON'S MARVEL. (See Special Description, page 39.) Qt., 50c.; peck, $3.00; bushel, $14.00.

Blue Imperial. A good bearer of and fine flavor; 3 feet. Qt., 5c.; peck, $1.25; bushel, $7.50.

HAIR'S DWARF MAMMOTH. One of the richest-flavored and best late varieties; 2¾ feet. Qt., 40c.; peck, $2.25; bushel, $9.00.

CULVERWELL'S TELEGRAPH. (See Special Description, page 39.) Qt., 75c.

ERICA'S PRODUCTION. A large and delicious-narrow Pea, and an abundant cropper; 4 feet. Qt., 30c.; peck, $2.00; bushel, $6.00.

YORKSHIRE HERO. A splendid wrinkled marrow. Of branching habit, and an abundant bearer; 2½ feet. Pkt., 25c.; peck, $1.50; bushel, $6.75.

LAXTON'S OMEGA. This dwarf late Pea is remarkably prolific; the pods are very fine and closely filled, and the flavor and color of the Peas, when cooked unequalled; 2½ feet. Qt., 40c.; peck, $2.00; bushel, $9.00.

BRITISH QUEEN. One of the best and most productive of the large and round kinds. Pkt., 25c.; peck, $1.50; bushel, $6.75.

WHITE MARMORFAT. A favorite marrow sort; 6 feet. Qt., 25c.; peck, $1.25; bushel, $4.00.

BLACK-EYED MARMORFAT. This, as well as the preceding is extensively grown as a field Pea—hardy and productive; 4 feet. Qt., 30c.; peck, $1.00; bushel, $3.50.

Edible Podded Peas.

EARLY DWARF WRINKLED SUGAR. A French variety, early and of good quality; ¾ feet. Qt., 40c.; peck, $1.50.

TALL SUGAR. Edible Pods; 5 feet. Qt., 40c.; peck, $1.00.

PEPPER.

Germ., Pfeffer.—French, Piment.—Spanish, Pimento. Grown largely for pickles. Sow in hot-beds early in April, and transplant to the open ground when the weather is favorable, they should be planted in warm, mellow soil, in rows eighteen inches apart. They may also be sown in the open ground when danger of frost is past, and the soil is warm and settled.

If by mail in quantities of ½ lb. and upwards, postage must be added at the rate of 10c. per lb.

SWEET SPANISH. One of the largest and earliest varieties of the dwarf yellow variety, sweet and mild. Pkt., 10c.; oz., 40c.; ½ lb., $1.25; lb., $4.00.

LARGE BELL, OR BULL NOSE. (See Cut.) An early variety, the split flanks being filled. Pkt., 10c.; oz., 40c.; ½ lb., $1.00; lb., $3.50.

SWEET SPANISH IN, OR MAMMOTH. Similar to the preceding in shape and color, but larger and milder in flavor. Pkt., 10c.; oz., 40c.; ½ lb., $1.00; lb., $3.50.

SQUASH, OR TOMATO SHAPED. The most generally grown for pickling; very productive. (See Cut.) Pkt., 10c.; oz., 40c.; ½ lb., $1.00; lb., $3.50.

LONG RED CAYENNE. Fruit brilliant coral red, conical from three to four inches in length; very productive. (See Cut.) Pkt., 10c.; oz., 40c.; ½ lb., $1.00; lb., $3.00.
Okra, or Gumbo.
Page 55.

Early Round Parsnip.
Page 57.

Long Smooth Parsnip.
Page 57.

Squash or Tomato Shaped Pepper.
Page 57.

Leng Red Cayenne Pepper.
Page 57.

Small Chili Pepper.
Page 59.

Large Bell Pepper.
Page 57.

White Tipped Scarlet Turnip Radish.
Page 59.
PEPPER.—Continued.

Long Yellow Cayenne. Similar in shape to the Long Yellow Pepper, which it resembles in flavor; both varieties are very ornamental. Pkt., 10c.; oz., 30c.; £1 lb., $1.00; bbl., $3.50.

NEW HALE CRANBERRY. An interesting variety; fruit resembles in appearance the Cranberry. One of the largest varieties of pepper. Pkt., 10c.; oz., 30c.; £1 lb., $1.00; bbl., $3.50.

GIANT EMPEROR. This sort bears scarlet fruit six inches long, and a quarter of an inch thick. Pkt., 10c.; oz., 30c.; £1 lb., $1.00; bbl., $3.50.

Chill. (True.) (See Cut.) Very piquant and prolific. Pkt., 10c.; oz., 50c.; 1 lb., $2.50; bbl., $4.00.

Cayenne Pepper. A large, white, hot, ornamental variety; fruit round, of a rich, glossy scarlet color. Pkt., 10c.; oz., 30c.; £1 lb., $1.00; bbl., $3.50.

MONSTROUS, OR GIANTUM. A new sort from France; fruit very large, and of irregular shape; good brush cult. Pkt., 10c.; oz., 30c.; £1 lb., $1.00; bbl., $3.50.

OXHEART. Medium size, heart-shaped, very productive, live and piquant; excellent for pickling. Pkt., 10c.; oz., 30c.; £1 lb., $1.00; bbl., $3.50.

POTATO. German, Kartoffel.—French, Pomme de Terre.

The Potato, like all robust-growing vegetables, can be grown successfully on soils of all kinds, and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to disease, and to injury from weather. A well-cultivated and up good pasturage, the decaying sod answers sufficiently well for the purpose. One of the most ornamental varieties is grown in rows or hills, or broadcast over the hills and plowed in—the latter in most cases being preferable. If the soil is good, but sandy, and very free from stones, the rich, deep, loamy soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those rich in potash, as fish, blood, manure, &c. In light and thin soils, about four inches deep, but in cold, wet situations, two or a half or three inches will be sufficient.

POTATOES—of recent introduction.

ALPACO. A very early dwarf variety; fit for me the ten days before the Early Rose. Of very good quality. Pkt., 75c.; bush, $1.25; bbl., $6.00.

BONEFORD. A remarkably heavy variety, said to be a week earlier than the Early Rose, of excellent quality. It is very highly spoken of as a profitable market variety. Pkt., $1.25; bush, $1.00; bbl., $6.00.

NORTH RIVER BEAUTY. (See Special Description, page 39.) Pkt., 75c.; bush, $3.00; bbl., $6.00.

PRIDE OF AMERICA. A very handsome new variety, resembling the well-known Snowflake, and sometimes mistaken for it. It, however, ripens a few weeks earlier, and has the advantage of that variety of being adapted to a greater variety of soils; it is also much more productive, and grows to a larger size. It is found so far a success. A small sample has been planted as early as spring as the ground can be had in fair working order, in hills or ridges, about three feet apart; covering the hill when large warm soils, about four inches deep, but in cold, wet situations, two or a half or three inches will be sufficient.

ST. PATRICK. (See Special Description, page 48.) Pkt., by mail, 30c. By freight or express, Pkt., $1.25; bush, $1.25; bbl., $6.00.

POTATOES.—General Collection.

PRICES SUBJECT TO VARIATION.

HEART OF HERBON. One of the earliest sorts with white skin and flesh. Pkt., 75c.; bush, $2.00; bbl., $8.00.

HUNTER'S SEEDLING. A white skinned variety and a large yielder. Pkt., 75c.; bush, $2.00; bbl., $8.00.

REDDY'S Beauty. Of medium size, reddish skin and white flesh, and fine grated; excellent quality. Pkt., 75c.; bush, $2.50; bbl., $8.00.

DUMNURR'S. A white skinned and white fleshed sort, of excellent flavor. Pkt., 75c.; bush, $2.00; bbl., $8.00.

EARLY OHIO. A very fine Potato of vigorous growth, and superior quality. Pkt., 75c.; bush, $2.25; bbl., $4.50.

EARLY ROSE. The leading variety for earliness, quality and productivity. Pkt., 75c.; bush, $2.00; bbl., $4.00.

EXTRA EARLY VERMONT. Similar in general appearance to the Early Rose, but said to be harder and more productive. Pkt., 75c.; bush, $2.00; bbl., $4.00.

LATE ROSE. The best of the late sorts. Pkt., 75c.; bush, $2.25; bbl., $4.50.

MAHOMOY PEARL. A large growing white skinned and white fleshed sort; very prolific; grown for general purposes. Pkt., 75c.; bush, $2.25; bbl., $4.00.

PEERLESS. A favorite variety for general culture. Pkt., 75c.; bush, $2.00; bbl., $4.00.

WHITE PEACHBLOW. A s-ording from the original (Desery) Peachbrow, and one of the leading varieties grown for New York market. Pkt., 75c.; bush, $2.00; bbl., $4.00.

SNOWFLAKE. A variety of medium earliness; and for middle and delicate flavor is unsurpassed. Pkt., 75c.; bush, $2.00; bbl., $8.00.

PUMPKIN. German, Zurbia.—French, Courge.—Spanish, Calabaza.

Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. In the latter case, the Pumpkin seeds may be planted in rows of hills, about three feet apart; covering the hill when large warm soils, about four inches deep, but in cold, wet situations, two or a half or three inches will be sufficient.

If by mail in quantities of 1/4 lb. and upwards, postage must be added at the rate of 10c. per lb.

VARIETIES OF PUMPKINS. The best varieties for cooking purposes, are: Nip, 5c.; 1 lb., 25c.; 10 lb., 1.00.

Large Tours or Mammoth. Grows to an immense size, often weighing upwards of 100 pounds. Pkt., 75c.; oz., 30c.; 1 lb., $1.00; 10 lb., $10.00.

RUBARB. German, Rubarber.—French, Rhubarbe.—Spanish, Rubarbo Bastardo.

Sow in April, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil, about three feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting it at the same distance apart, as given above.

If by mail in quantities of 1/4 lb. and upwards, postage must be added at the rate of 10c. per lb.

Linneas, Early, large and tender. Pkt., 75c.; oz., 25c.; 1 lb., 75c.; 10 lb., 3.50.

Victoria, an earliness, produced later than Linneas. Pkt., 75c.; oz., 25c.; 1 lb., 75c.; 10 lb., 3.50.

For price of Rubarb Roots, see Vegetable Plants.

RADIUS. German, Euttig, Radielschen.—French, Radis, Race, Petite Légumière; Spanish, Radaba.

Radiishes thrive best in a light, sandy soil; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply, they may be sown in a hot-bed in February.

If by mail in quantities of 1/4 lb. and upwards, postage must be added at the rate of 10c. per lb.

LONG SCARLET SHORT-TOP. The standard variety for market purposes. See Cut. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., 90c.

SCARLET ORANGE TOP. Rather delicate in flavor than the above; excellent for summer use. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., 90c.

EARLY RANSPERGER. (See Special Description, page 39.) Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., 90c.

WHITE TIPPED SCARLET TURNIP. This is an early variety, of medium size, of excellent flavor, and of very handsome appearance. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., 90c.

White Summer Turnip. Excellent for summer use; of mild flavor. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., 90c.

YELLOW SUMMER TURNIP. Grows to a large size; excellent to stand the heat and drought of summer. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., 90c.

Gray Summer Turnip. An excellent variety for summer use. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 10 lb., 90c.


Hubbard Squash.  Page 61.

Vegetable Marrow.  Page 61.
RADISH.—Continued.

Long White Nantes.  Flesh white, crisp and mild.  Pkt., 5 c, oz., 15 c; lb., $1.50; 2 lb., $5.00.

Gray Long Winter.  (From 1 1/2 a.m.)  A new and exceedingly fine winter variety, grows somewhat larger than the Dutch and blanching alike; flesh, an orange yellow color.  Pkt., 5 c; oz., 10 c; 14 lb., 50 c; lb., $1.00.

French Breakfast.  A variety of quick growth, very mild and tender.  Pkt., 5 c; oz., 10 c; 14 lb., 30 c; lb., $1.00.

Olive-Shaped Scarlet.  Oblong-shaped, flesh rose-colored; a good summer variety.  Pkt., 5 c; oz., 10 c; 1 lb., 30 c; lb., $1.00.

What is Quickest?  A very valuable forcing variety.  Pkt., 5 c; oz., 10 c; 1/2 lb., 30 c; lb., $1.00.

Glave-Shaped Golden Yellow Summer.  A new variety, of oval form and deep yellow color.  It is of particularly fine flavor, and will not doubt prove a valuable addition to existing sorts.  It is very early, and well adapted for either forcing or open ground culture.  Pkt., 5 c; oz., 15 c; 1 lb, 50 c; lb., $1.25.

Rose China Winter.  (See Cut.)  Bright rose-color; flesh firm and piquant; excellent for winter use.  Pkt., 5 c; oz., 10 c; 1/2 lb., 30 c; lb., $1.00.

White Spanish.  Rather milder in flavor than the preceding.  Pkt., 5 c; oz., 15 c; 1/2 lb., 30 c; lb., $1.00.

California Mammoth White.  A giant white-colored, produced of excellent quality.  (See Cut.)  Pkt., 5 c; oz., 10 c; 1/2 lb., 30 c; lb., $1.50.

Raphanus Daundus, or Rat-Tail Radish.  This remarkable radish produces short time pods from two to three feet long which may be used either boiled, or as the Raphanus.  Good keepers, either cooked or uncooked, should be used when about half-grown, when they have a most agreeable flavor.  Pkt., 10 c; oz., 50 c.

SALSIFY, or Oyster Plant.  German, Borsbart.—French, Salsifis.  —Spanish, Ostra Vegetal.

The Oyster Plant succeeds best in light, well enriched, mellow soil, which, previous to sowing the seeds, should be stirred to a depth of eight inches; in the early spring, drill fifteen inches apart; cover the seeds with fine soil, an inch and a half in depth, and when the plants are strong enough, thin out to six inches apart.  (See Cut.)

If by mail in quantities of 1/2 lb. and upwards, postage must be added at the rate of 10c. per lb.

Pkt., 5 c; oz., 30 c; 1/4 lb., 50 c; lb., $1.50.

Schorzoner, or Black Oyster Plant.

This vegetable requires the same treatment as Saucy, which it nearly resembles; it is not, however, so generally cultivated, being sold in drills two feet apart, and thin out to nine inches from plant to plant.

If by mail in quantities of 1/2 lb. and upwards, postage must be added at the rate of 10c. per lb.

Pkt., 5 c; oz., 30 c; 1/4 lb., 50 c; lb., $2.50.

SEA KALE.  German, Scheckej Meerkohl.—French, Orme Marine.—Spanish, Breton de Mar.

Cultivated for its blanched shoots, which are cooked as Asparagus.  A supply may be had all winter by planting the roots closely in a warm cellar before frost.  Sow one inch deep, in drills two feet apart, and thin out to six inches, and the next spring plant in hills three feet apart.  (See Cut.)

Pkt., 10 c; oz., 30 c; 1/4 lb., 50 c; lb., $3.00.

SORREL.

BROAD LEAVED.  Much used for salads.  Pkt., 5 c; oz., 15 c; 1/4 lb., 40 c; lb., $1.50.

SPINACH.

German, Spinat—French, Epinard.—Spanish, Espinaca.

This is a very important crop in our market gardens, and is one of the best qualities of all vegetables, requiring but little culture, and may be had fit for use the entire season.  The main crop is sown in September; it is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with the frost; but in sheltered fields here is no necessarily for covering.  For summer use it may be sown at intervals, and for three weeks in August.  Spinach is best developed and most tender and succulent when grown in rich soil.

If by mail in quantities of 1/2 lb. and upwards, postage must be added at the rate of 10c. per lb.

Savoy-Leafed.  (See Special Description, page 39.)  Pkt., 5 c; oz., 15 c; 1/2 lb., 30 c; lb., $1.50.

Round Leaf.  The main market sort; equally good as for fall or spring sowing.  Pkt., 5 c; oz., 10 c; 1/2 lb., 15 c; lb., $1.00.

Prickly.  Stands well in winter, but gives less bulk per acre than the Round Leaf.  Pkt., 5 c; oz., 10 c; 1/2 lb., 15 c; lb., $1.00.

Large Round Leaf Vihooflay.  A new variety, with very large thick leaves.  Pkt., 5 c; oz., 10 c; 1/2 lb., 20 c; lb., $2.50.

New Zealand.  Produces leaves in great abundance throughout the summer; should be raised in heat, and transplanted three feet apart each way into light, rich soil.  Pkt., 5 c; oz., 15 c; 1/4 lb., 40 c; lb., $1.50.

New Thick Leaved.  (See Special Description, page 39.)  Pkt., 5 c; oz., 15 c; 1/2 lb., 15 c; lb., 50 c.

SQUASH.  German, Kürbis.—French, Courge.—Spanish, Calabaza.  Tontanera.  Squashes are of inustant and vigorous growth, and although they will grow readily on almost any soil, they will well repay the trouble of continually improving it.  By proper culture, or this class, it is useless to sow until the weather has become settled and warm.  Light soils are best suited for the crops of these squashes; it is most recommended to clear the hills for the seeds in ordinary manner by incorporating two or three shovelfuls of well-rotted manure with the soil for each hill.  For the bush varieties sow to four feet each way, and for the running sorts, from six to eight feet.  In fall or winter seed should be sown in each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

If by mail in quantities of 1/2 lb. and upwards, postage must be added at the rate of 10c. per lb.

White Bush Scallopied.  (See Cut.)  An early market variety, excellent for shipping.  Pkt., 5 c; oz., 10 c; 1/2 lb., 20 c; lb., 50 c.

Yellow Bush Scallopied.  A sub-variety of the above, principally differing in color.  Pkt., 5 c; oz., 10 c; 1/2 lb., 25 c; lb., $1.00.

Bush Summer Crook Neck.  Early, productive, and of good quality; fruit orange-yellow, covered with warty excrences.  Pkt., 5 c; oz., 10 c; 1/2 lb., 25 c; lb., $1.00.

BUSHY BUSH MRROW.  A much esteemed variety, coming in about ten days later than the bush sorts; a good keeper and of unsurpassed flavor.  Pkt., 5 c; oz., 10 c; 1/2 lb., 25 c; lb., $1.00.

COCOANUT.  (See Special Description, page 39.)  Pkt., 10 c; oz., 15 c; 1/2 lb., 30 c; lb., $1.50.

HUBBARD.  A general favorite, and more largely grown as a late sort than any other; of large size, flesh close, dry, and of excellent flavor.  Pkt., 5 c; oz., 10 c; 1/2 lb., 40 c; lb., $1.25.

MARBLEHEAD.  An excellent variety, resembling the Hubbard.  The flesh is of rather lighter color than that variety, while its combination of sweetness, dryness, and delicious flavor is remarkable.  It yields equal to the Hubbard, and its keeping qualities are said to be better.  Pkt., 5 c; oz., 15 c; 1/2 lb., 50 c; lb., $1.50.

Mammoth Chill.  Grows to large size, often weighing over two hundred pounds; excellent for all uses.  Pkt., 10 c; oz., 10 c; 1/2 lb., $0.60; 1 lb., $2.50.

Winter Crook Neck.  A variety largely grown in some of the Southern States; flesh close, dry, and of excellent flavor.  Pkt., 5 c; oz., 10 c; 1/2 lb., 40 c; lb., $1.25.

Turban.  (See Cut.)  Flesh large, yellowish; thick, fine-grained and well-flavored; an excellent variety for use in the fall and early winter.  Pkt., 5 c; oz., 15 c; 1/2 lb., 50 c; lb., $1.50.

Yokohama.  Flesh of a deep orange color, very finely flavored, sweet and dry, not large, fine-grained, and without any fibre.  It is excellent steamed, and when baked it much resembles a Sweet Potato in flesh and flavor; its extraordinary large size is particularly adapted for pies.  Pkt., 5 c; oz., 25 c; 1/2 lb., 75 c; lb., $2.50.

Vegetable marrow.  (See Cut.)  A favorite English sort, and as large as any in America, with a fine, rich flavor; quite distinct from all the preceding.  Pkt., 5 c; oz., 15 c; 1/2 lb., 50 c; lb., $2.50.
Gray Long Winter Radish.
Page 61.

New Egg Turnip.
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Salsify.
Page 61.

Salsify.
Page 61.

Large White French Turnip.
Page 64.

Improved Am. Ruta Baga.
Page 64.

Scorzonera.
Page 61.
Tarragon (Estragon.)

Tarragon is cultivated for its leaves and young shoots, both of which are used as an ingredient in soups, salads, etc. Tarragon vinegar is made from the shoots of this herb, which is made up of the leaves of the common vinegar plant.

Tarragon Plants. 30c. each. $1.00 per doz.

TOMATO.

German, Liebesapfel—French, Tomate—Spanish, Tomate.

This vegetable is one of the most important of all garden products. The seed should be sown in a hot-box about the first week in March, in Davis five inches apart, and half an inch deep. When the plants are about two inches high they should be set out four or five inches apart in another hot-box. Tomatoes are set out in small pots, allowing a single plant to a pot, they are sometimes transplanted a second time into larger pots, by which process the plants are developed rapidly, and the fruit is of larger size. The flowers for a small garden may be started by sowing a few seeds in a shallow box or flower pot, and placing it in a sunny window until the roots are four inches long.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 10c. per lb.

THE TROPHY. This, when well-grown, is without doubt, one of the best Tomatoes in cultivation. It is unsurpassed in size, in flavor, in productivity, and in every other desirable quality. Our Headquarter's Seed is carefully grown for us, and is saved only from perfect specimens, the best fruits being selected each year for seed. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00; ½ lb. $2.50.

TROPHY, EXTRA SELECTED. Sired only from specimens of perfect form, weighing from 16 to 24 ounces. Pkt. 25c.; oz. 75c.

ACME. Early Scarlet, a new Tomato is one of the earliest and handsomest varieties yet introduced. The fruit of this is of medium size, perfectly smooth and regular in shape, very solid, and of great bearer. Color quite distinct, being a dark red, with purplish tinge. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00; ½ lb. $2.50.

PARAGON. A new sort, for which the description of the Acme will answer in all respects, with this important difference, that in the Paragon the color is of a bright crimson, entirely free from any tinge characteristic of the Acme, and for this reason it will, in some sections, be considered more desirable as a market sort. Pkt. 10c.; oz. 40c.; ¼ lb. $1.25; ½ lb. $4.00.

PERFECTION. (See Special Description, page 33.) Pkt. 25c.

BLOUNT'S CHAMPION CLUSTER. A distinct and valuable new variety, growing in clusters of from ten to twenty large-sized, smooth, well-shaped fruits in one bunch. It is as early as the Trophy, and, for the size of fruit, remarkably smooth and free from inequalities. Color rich dark crimson, flesh very solid. Pkt. 10c.; oz. 40c.; ¼ lb. $1.25; ½ lb. $4.00.

The Conqueror. One of the earliest varieties; fruit of good size, very early in shape. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00; ½ lb. $8.00.

NEW YORK MARKET. One of the earliest; large, smooth, solid and productive. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00; ½ lb. $9.00.

LITTLE GEM. Very early and prolific; fruit small, round and of uniform shape. Pkt. 10c.; oz. 40c.; ¼ lb. $1.25; ½ lb. $4.00.

Early Smooth Red. Very smooth and round; an excellent market variety. Pkt. 10c.; oz. 30c.; ¼ lb. $1.25; ½ lb. $3.50.

Arlington. Fruit uniformly large, perfect in form; very prolific, and of fine flavor. Pkt. 10c.; oz. 30c.; ¼ lb. $1.25; ½ lb. $3.50.

GENERAL GRANT. A very superior variety; fruit large, of good quality, and ripens rapidly and thoroughly. Pkt. 10c.; oz. 30c.; ¼ lb. $1.25; ½ lb. $3.50.

HATHAWAYS EXCELSIOR. Early, of medium size, smooth, very solid, and of excellent quality. Pkt. 10c.; oz. 30c.; ¼ lb. $1.25; ½ lb. $3.50.

CANADA VICTOR. One of the earliest, of medium size, very symmetrical in shape. Pkt. 10c.; oz. 30c.; ¼ lb. $1.25; ½ lb. $4.00.

QUEEN. A new variety that has been specially recommended to us for canning, and which is grown around Boston, as an excellent variety for some sort resembling the Trophy in appearance. Pkt. 10c.; oz. 30c.; ¼ lb. $1.25; ½ lb. $4.00.

VICK'S CRITERION. Fruit medium size, plum shape, and in color somewhat resembling the Acme. This variety is very highly spoken of in England. Pkt. 10c.; oz. 30c.; ¼ lb. $1.25; ½ lb. $4.00.

GOLDEN TROPHY. Identical in form and size with the well-known Trophy, but in coloring a beautiful canary yellow, and with blossoms streaked with bright yellow. Well suited for preserving, as well as for table. Pkt. 10c.; oz. 30c.; ¼ lb. $1.25; ½ lb. $5.00.

ISLAND BEAUTY. The fruit of this new variety is very large, of medium carliness, resembling the Trophy in appearance; and is produced in clusters of from four to six fruits. A variety of the finest and most valued fruits in one bunch. Color a deep crimson, is a very prolific bearer, and the quality of the very best. Pkt. 10c.; oz. 30c.; ¼ lb. $1.25; ½ lb. $5.00.

Peejay Island, (Lester's Perfected). Fruit very large, light red or pinkish color, very solid, and well suited for preserving in the large size, to be used as fruits in soups, and for table or conserving. Pkt. 10c.; oz. 30c.; ¼ lb. $1.25; ½ lb. $5.00.

Yellow Plum. A beautiful variety; used principally for pickling. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00.

Red Cherry. A small early variety, size and shape of a cherry; for pickling. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00.

Greengage. Resembling a yellow plum in shape and color; excellent for preserving. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00.

Strawberry, or Winter Cherry. The fruit has a pleasant, strawberry-like flavor, and is esteemed by many. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00.

TOBACCO SEED.

Connecticut Seed Leaf. Pkt. 10c.; oz. 30c.; ¼ lb. $1.00; ½ lb. $5.00.

Imported Havana. Pkt. 15c.; oz. 60c.; ¼ lb. $3.00; ½ lb. $6.00.

Virginia. Pkt. 10c.; oz. 40c.; ¼ lb. $1.50; ½ lb. $5.00.

Kentucky. Pkt. 10c.; oz. 40c.; ¼ lb. $1.50; ½ lb. $5.00.

TURNIP.

German, Sellerbuch.—French, Navet.—Spanish, Yabo, Cozum.

Turnips do best in highly-enriched, light, sandy or gravelly soil. The earliest varieties are sown in April, in drills, from twelve to fifteen inches apart, and thin out early to six or nine inches in the rows. For a succession, sow at intervals of a fortnight, until the last week in July, from which time until the end of August, sowings may be made for the fall and main crops. Turnips may be preserved until spring by cutting off the tops about one inch from the bulb, and storing in a cellar or cool shed during winter, covering the roots with dry sand; they should be harvested before severe frosts set in, for though comparatively hardy, few of the varieties will survive the winters of the Northern States in the open ground.

If by mail in quantities of ½ lb. and upwards, postage must be added at the rate of 10c. per lb.
TRINIP.—Continued.

PURPLE TOP WHITE GLOBE. An early variety, globe-shaped; in other respects similar to the Red Top Strap Leaf. A handsome looking bulb, and is rapidly raising the value of all other varieties of early Turnip, for market garden purposes. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., $1.25.

Large White Norfolk. A very large growing, globe-shaped, flesh coarse-grained and sweet; one of the best early varieties for stock, but not so desirable for table use. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

LONG WHITE, OR COW HORN. Matures very quickly; roots shaped like a carrot, about half of which is formed above ground; flesh white, fine grained and sweet, and of excellent quality for table use. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

YELLOW STONE. Bulbs of medium size, very firm, excellent flavor, and good keeper; one of the best and most popular yellow-disked varieties for table use; if kept in good for feeding stock. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 75c.

Yellow Finland. A small early variety, flesh bright yellow, bulbs flat and not singularly compressed at bottom; a distinct variety, and excellent for table use. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., $1.25.

Yellow Aberdeen. Very hardy and productive, good keeper, globe-shaped, color pale yellow, with purple top, very firm in texture, and closely resembling the Ruta Bagas in good keeping qualities, good either for table or stock. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 80c.

Teltow, or small Berlin. The smallest of all Turnip strains; a globe-shaped, thick, formed entirely under ground; the rind has a peculiar flavor, and should not be taken off when used; much cultivated in Germany, where it is highly esteemed for flavoring soups. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 80c.

Svensk Top (for Turnip Greens). Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 80c.

RUTA BAGA, RUSSIAN, or SWEDISH TURNIP.

The Ruta Baga, Swedish, or Russian Turnip is extensively grown for a farm crop; the roots are close-grained, very hard and consistent in quality, of a large size, flesh firm, solid and white, and makes a good stock for feeding purposes. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 75c.

Green Top. An excellent kind, different from the preceding only in the color of the top of the bulb which is of a greenish tinge. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 75c.

Skirving's Purple Top. A first-rate variety for table stock and for feeding, having a large size, flesh firm, solid, and sweet, and a good keeper. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

SHAMROCK. One of the finest purple top varieties in cultivation; forms a stoutly bulb, with small top and very few leaves; an excellent keeper, and good for stock or table use. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

Laing's Improved. One of the earliest of the Ruta Bagas; forms a stoutly bulb of good quality, keeps well, good for table use. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

LANCE'S WHITE FRENCH. A superior variety for table or stock; flesh firm, white and solid; attains a large size, and has a very rich and sweet flavor; a very popular variety. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c.

English Rape. Not a Ruta Bagas, although closely allied; suitable for its type of purpose; for feeding stock; it forms no bulb. 1/4 lb., 10c; lb., 30c.

WITLOOF. A most distinct and comparatively new vegetable, somewhat resembling Chicory in habit. It produces a moderately priced plant with white heart, in a shape similar to a Cos Lettuce, and either eaten boiled, or as a salad it will be found a valuable acquisition to our short list of winter vegetables. Pkt., 5c; oz., 15c; 1/4 lb., 50c; lb., $1.50.

SWEET, POT, AND MEDICINAL HERBS.

No garden is complete without a few herbs for culinary or medicinal purposes; and care should be taken to harvest them properly. This should be done on a dry day, just before they come in full bloom, then dried quickly and packed closely, entirely excluded from the air. In spring, in shallow drifts, one foot apart, and when well up, thin out or transplant to a proper distance apart.

Anise (Pimpinella Anisum). Cultivated principally for garnishing and for seasoning, like Fennel. Pkt., 5c; oz., 15c.

Balm (Origanum Officinalis), principally used for making balm tea or balm wine. Pkt., 10c; oz., 50c.

Basil, Sweet (Ocimum Basilicum). The leaves and tops of the shoots are the parts gathered, and are used for making pesto, for making pesto or sauce, and for sauces; a leaf or two is sometimes introduced in salads. Pkt., 10c; oz., 50c.

Basil (Ocimum Sanctum). Pkt., 5c; oz., 20c.

Borage (Borago Officinalis). Excellent for bees. Pkt., 5c; oz., 25c.

Caraway (Carum Carvi). Chiefly cultivated for the seed, which is used in confectionery and medicine; in spring the under leaves are sometimes put in soups. Pkt., 5c; oz., 50c.

Castor Oil Plant (Ricinus Communis). Pkt., 5c; oz., 15c.

Catnip (Nepeta Cataria). Pkt., 15c; oz., 60c.

Coriander (Coriandrum Sativum). Cultivated for garnishing purposes, the seed of which is much used for confectioners. Pkt., 5c; oz., 15c.

Dill (Anethum Graveolens). The leaves are used in soups and sauces, and to put along with pickles. Pkt., 5c; oz., 15c.

Fennel (Foeniculum Vulgare). The leaves, boiled, enter into many fish sauces, and raw, form a beautiful ornament. Pkt., 5c; oz., 15c.

Hop Seed (Humulus Lupulus). Pkt., 25c; oz., 50c.

Horehound (Marribium Vulgare). Principally used for medicinal purposes. Pkt., 5c; oz., 20c.

Hyssop (Hyssopus Officinalis). The leafy tops and flowers are gathered and dried for making Hyssop Tea and for medicinal purposes. Pkt., 5c; oz., 20c.

Lavender (Lavandula Spp). A popular aromatic herb. Pkt., 10c; oz., 40c.

Marjoram, Sweet (Origanum Majorana). For seasoning. Pkt., 10c; oz., 40c.

Pot (Origanum Onites). Pkt., 10c; oz., 50c.

Opium Poppy (Papaver Somniferum). Pkt., 5c; oz., 15c.

Rosemary (Rosmarinus Officinalis). An aromatic herb. Pkt., 10c; oz., 50c.

Rue (Ruta Gracilis). Used for medical purposes, also given to toil for the crop. Pkt., 10c; oz., 40c.

Saffron (Carmilla Tinctoria). Pkt., 5c; oz., 15c.

Sage (Salvia Officinalis). The leaves and tender tops are used in stuffing and sauces. Pkt., 5c; oz., 30c; lb., 1.00.

Savory, Summer (Salvia Hortsensis). Used for seasoning. Pkt., 5c; oz., 50c.

Sorrel, Broad Leaved. Used for salads. Pkt., 5c; oz., 15c.

Thyme, Broad-Leaved (Thymus Vulgaris). For seasoning, etc. Pkt., 10c; oz., 40c; lb., $1.00.

Tansy (Tanacetum Vulgaris). Pkt., 10c; oz., 50c.

Tarragon (Artemisia dracunculus). Used in salads, soups, etc. Pkt., 25c.

Winter Savory. Pkt., 10c.

Wormwood (Artemisia Absinthium). Used for medicinal purposes; it is also beneficial to poultry, and should be planted in poultry grounds. Pkt., 10c; oz., 50c. 
Complete Collections of Vegetable Seeds.

The following collections adapted for large or small gardens, we will supply at the following very low rates—rates that are at least one-fourth less than the same kinds and quantities of Seeds are usually sold at. Buyer to pay charges in all cases.

<table>
<thead>
<tr>
<th>No. 1</th>
<th>Price $5</th>
<th>Contains</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beets, best sorts for succession</td>
<td>6 qts</td>
<td>4 qts</td>
</tr>
<tr>
<td>Lima, and other Pole</td>
<td>2 &quot;</td>
<td>1 &quot;</td>
</tr>
<tr>
<td>Beet, best sorts for succession</td>
<td>16 oz</td>
<td>12 oz</td>
</tr>
<tr>
<td>Brussels Sprouts</td>
<td>6 &quot;</td>
<td>5 &quot;</td>
</tr>
<tr>
<td>Cabbage, best early and late</td>
<td>14 oz</td>
<td>12 oz</td>
</tr>
<tr>
<td>Cauliflower, best varieties</td>
<td>12 &quot;</td>
<td>3 pts.</td>
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<tr>
<td>Celery, Headhers's Half Dwarf</td>
<td>2 oz</td>
<td>1 oz.</td>
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<tr>
<td>Cucumber, leading kinds</td>
<td>2 oz</td>
<td>1 oz.</td>
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<tr>
<td>Corn, Sweet, best varieties for succession</td>
<td>7 qts</td>
<td>6 qts</td>
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<tr>
<td>Cress, or Peppergrass Curled</td>
<td>4 oz</td>
<td>2 oz.</td>
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<tr>
<td>Egg Plant, New York Improved</td>
<td>2 oz</td>
<td>1 oz</td>
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<tr>
<td>Endive, best curled</td>
<td>2 oz</td>
<td>1 oz</td>
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<tr>
<td>Kale, Dwarf German and Curled Scotch</td>
<td>1 oz</td>
<td>1 oz</td>
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<tr>
<td>Kohl Rabi, Early White Vienna</td>
<td>1 oz</td>
<td>1 oz</td>
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<tr>
<td>Beet, the best kinds</td>
<td>2 lbs.</td>
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<tr>
<td>Orna, or Gumbo</td>
<td>2 lbs.</td>
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<tr>
<td>Beans and Peas</td>
<td>2 lbs.</td>
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<tr>
<td>Lettuce, best varieties</td>
<td>2 lbs.</td>
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<tr>
<td>Melon, Musk, the best kinds</td>
<td>1 oz</td>
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<tr>
<td>&quot;Olive, the best kinds</td>
<td>1 oz</td>
<td></td>
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<tr>
<td>Orna, or Gumbo</td>
<td>1 oz</td>
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<tr>
<td>Onion, the best varieties</td>
<td>1 oz</td>
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<tr>
<td>Parsley, Extra Curled</td>
<td>1 oz</td>
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<tr>
<td>Parsnip, Long Smooth</td>
<td>1 oz</td>
<td></td>
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<tr>
<td>Peas, best kinds for succession</td>
<td>1 oz</td>
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<tr>
<td>Pepper, Large Bell and Long Red</td>
<td>1 oz</td>
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<tr>
<td>Radish, best varieties for succession</td>
<td>1 oz</td>
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<tr>
<td>Spinach, Dwarf</td>
<td>1 oz</td>
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<tr>
<td>Spinach, Round</td>
<td>1 oz</td>
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<tr>
<td>Squash, Summer and Winter</td>
<td>1 oz</td>
<td></td>
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<tr>
<td>Tomato, Dwarf, and other kinds</td>
<td>1 oz</td>
<td></td>
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<tr>
<td>Turnip, best kinds, early and late</td>
<td>1 oz</td>
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</tr>
<tr>
<td>Herbs, the most useful kinds</td>
<td>1 oz</td>
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</tbody>
</table>

| TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE. |
|-----------------------|------------------|------------------|------------------|------------------|
| Barley, broadcast | 2 to 3 bush. |
| Beans, Dwarf, in drills | 1/4 bush. |
| Beans, Pole, in hills | 10 to 12 qts. |
| Beets, in drills | 5 to 6 lbs. |
| Broom Corn, in hills | 5 to 10 qts. |
| Buckwheat | 1 bush. |
| Cabbage, in beds to transplant | 1/2 lb. |
| Cabbage, drills | 1 to 4 lbs. |
| Chinese Sugar Cane | 12 qts. |
| Clover, White | 15 to 30 lbs. |
| Clover, White, alone | 12 to 15 lbs. |
| Clover, Alsike, alone | 8 to 10 lbs. |
| Clover, in drills | 10 to 15 qts. |
| Corn, in hills | 5 to 10 qts. |
| Corn, for Sowing | 3 bush. |
| Cucumber | 3 bush. |
| Flax, broadcast | 1/4 bush. |
| Grass, Timothy | 1 bush. |
| Grass, Hungarian | 1 bush. |
| Grass, mixed yarn | 3 bush. |
| Hemp | 1/3 bush. |
| Mustard, broadcast | 1/2 bush. |
| Melon, Musk, in hills | 8 to 12 lbs. |
| Melon, Water, in hills | 4 to 5 lbs. |
| Millet, Common, broadcast | 1 bush. |
| Oats, broadcast | 2 to 3 bush. |
| Onion, in drills | 5 to 6 lbs. |
| Onion for Sets, in drills | 10 lbs. |
| Onion, Sets, in drills | 6 to 12 bush. |
| Parsnip, in drills | 16 to 20 lbs. |
| Peas, in drills | 1/4 bush. |
| Peas, broadcast | 1 bush. |
| Potato (cut tubers) | 1 bush. |
| Pumpkin (in hills) | 4 to 6 lbs. |
| Radish, in drills | 2 to 4 lbs. |
| Rye, broadcast | 1/2 to 3/4 bush. |
| Salsify, in drills | 8 to 10 lbs. |
| Spinach, in drills | 10 to 12 lbs. |
| Squash (bush varieties), in hills | 4 to 6 lbs. |
| Squash (running varieties), in hills | 3 to 4 lbs. |
| Tomato, to transplant | 1/4 lb. |
| Turnip, in drills | 1/4 to 1 lbs. |
| Turnip, broadcast | 8 to 10 lbs. |
| Timothy, alone | 2 to 3 bush. |
| Vetches, broadcast | 1/4 bush. |
| Wheat, broadcast | 1/2 to 2 bu.

Quantity of Seeds required for a given number of Plants, number of Hills or Length of Drills.

Asparagus | 1 oz. to 67 ft. of drill.
Beet | 1 oz. to 50 ft. of drill.
Beech | 1 oz. to 150 hills.
Carrot | 1 oz. to 120 ft. of drill.
Cucumber | 1 oz. to 50 hills.
Corn | 1 oz. to 200 hills.
Endive | 1 oz. to 150 ft. of drill.
Lettuce | 1 oz. to 100 ft. of drill.
Melon, Water | 1 oz. to 30 hills.
Melon, Musk | 1 oz. to 60 hills.
Okra | 1 oz. to 40 ft. of drill.
Onion, Sets, small | 1 oz. to 100 ft. of drill.
Peas | 1 oz. to 500 ft. of drill.
Parsnip | 1 oz. to 2400 plants.
Radish | 1 oz. to 100 ft. of drill.
Rutabaga | 1 oz. to 70 ft. of drill.
Salsify | 1 oz. to 100 ft. of drill.
Spinach | 1 oz. to 100 ft. of drill.
Squash, Early | 1 oz. to 50 hills.
Squash, Marrow | 1 oz. to 5000 plants.
Turnip | 1 oz. to 150 ft. of drill.
Cabbage | 1 oz. to 8000 plants.
Cauliflower | 1 oz. to 3000 plants.
Celery | 1 oz. to 3000 plants.
Egg Plant | 1 oz. to 1000 plants.
Horseradish | 1 oz. to 5000 plants.
Pepper | 1 oz. to 1000 plants.
Tomato | 1 oz. to 1500 plants.
**FARM SEEDS.**

**WHITE RUSSIAN SPRING WHEAT.**

This new variety is not exactly a white, but is a light-colored variety of red wheat, and is an enormous cropper. It has already received the very strongest commendation from those who have grown it, as will be seen by the following letter received by the original introducers of it. It has long, strong, stiff, yellow straw, and bearing large white chalkheads, well filled with plump kernels, often weighing from 40 to 60 lbs. to the measured bushel. It stands well after being ripe, and it has shown itself to be a wheat not liable to lodging or rust when green; and it is further claimed, that it has produced a full average of bushels, where other varieties grown alongside of it have failed.

**25 Bushels from One Bushel of Seed.**—From Geo. W. Abbott, Harvard, Clay Co., Neb.: I sowed one bushel of White Russian Wheat, from which I threshed 40% bushels of very good seed, from the other varieties in this vicinity yielded from 10 to 20 bushels per acre.

**From the Western Rural:—** We have heard the White Russian Wheat so highly spoken of that we think it must be a valuable recommendation for farmers who cultivate this important cereal staple. We have also seen a very large number of highly complimentary letters from farmers who have tested it, and have yet to learn that it has failed to give satisfaction where it has had a fair trial. We advise farmers to try it on their farms.

**The Russian Furin Advance.**—From Danville, Ill.: I sowed two bushels of the White Russian Wheat by the side of two bushels of "Lost Nation" Wheat, which I sent to Minnesota for, and find in comparing them, that the White Russian is far in advance, nearly double in quality and quantity, besides it is about a week earlier, and does not lodge down.

**22 Bushels from 1/2 Bushel of Seed.**—From Ed. Mayon, Stewarts ville, Minn.: The half-bushel of White Russian Wheat I sowed on half an acre, from which I harvested 22 bushels of fine, plump wheat. I wish I had sent for 10 bushels instead of 2.

**Wished he had sent for 10 Bushels instead of 2.**—From J. E. Johnson, Des Moines, Iowa: The two bushels of White Russian Wheat I sowed on a little more than one and a fourth acres, and harvested 41 bushels of fine, plump wheat. I wish I had sent for 10 bushels instead of 2.

**35 Bushels from One Seed.**—From Hugh M. Williams, Des Moines, Iowa: I purchased last spring one bushel of the White Russian Wheat, and sowed it on one acre of corn-stalk ground, lightly plowed, on the 22d of April, and it yielded 35 bushels. My Odessa No 1, put in the same day and on the same ground per acre, the Odessa matured hale, while the Russian was not affected at all with rust.

**Heads Eight Inches Long.**—From Henry Cameron, Pilot Grove, Co., Ill.: I purchased and sowed 4 lbs. of the White Russian Wheat last March, from which I threshed two bushels. There were heads in my patch from ten to 15 inches in length. They are made up of very fine heads, but they are very large. My neighbors would like to buy.

**10 Bushels from 1/2 Acre.**—From G. Q. Humphrey, Platt Co., Neb.: Of the White Russian Wheat I sowed 1/2 of an acre, and harvested 10 1/2 bushels, at the rate of 46 bushels per acre.

3 lbs. sent post paid by mail for $1.00.
By Express or Freight, Peck, 80c.; bushel, $3.00.

**MEDITERRANEAN SPRING WHEAT.**

A large-yielding bearded variety, with large kernels; a superior sort. Bush, $3.00.

**WINTER WHEAT.**

**Keystone Amber Wheat.** Rather a new sort; very hardy, bearded, and yields well. Bush, $3.00.

**Fall heir.**—From J. T. Bush, $3.00.

**Seneca, or Clawson.** This is a smooth, white wheat, with red chaff, and the best variety experimented with, either American or foreign, being fully equal to the best brands of California Wheat. It proves early and handy, has a stiff straw, and yields large crops on every variety of wheat soil. Bush, $2.50.

**Hallet's Pedigree Wheat.** An English variety; seed saved under the process of careful selection from only the best grains, adopted for many years by the English growers. It is a red variety, smooth chaffed and bearded, and produces from 40 to 60 bushels per acre. Price $1.00 per quart, postpaid by mail, or by peck by express or freight, for $3.00.

**EARLY AMBER SUGAR CANE.**

A new variety of Sugar Cane, which, however, has been largely tested in many parts of the country, with very general success. Its distinctive feature is the excellence and great yield of both sugar and sirup. Cultivate the same as for corn. Qt., 30c.; bushel, $3.00.

**OATS.**

**Probstecir.** The leading variety. It is very productive and hearty, and straw very strong. Bush, 32 lbs., $1.15.

**CHINESE HULESS OATS.**

The berry comes from the heads as clean as wheat, without the least particle of hull or chaff adhering. The grain is as white as Winter Wheat, and the heads as large and white. These oats should be sown at the rate of 50 lbs. to the acre, and will yield from 50 to 60 bushels per acre in good soil. By mail, 40c. per peck, or 3 lbs., for $1.00; or, by express, $1.00 per peck.

**BUCKWHEAT.**

**Silver Hull.** This variety, after being carefully tested, proves to be much superior to the common kind. Sown at the same time as the common Buckwheat, it continues in bloom longer, matures a few days sooner, and yields nearly double, under the same conditions. The grain is of a beautiful light gray color, varying slightly in shade, and the corners are much less prominent than in the ordinary variety, while the husk is thinner. The flour is whiter and more nutritious. Price per bushel, $3.00; 4 lbs., $1.00.

**Buckwheat, Common Variety.** Best. Bush, $1.25.

**SPRING BARLEY.**

**Two Rowed.** Bush, $1.75.

**Four Rowed.** Bush, $2.50.

**CORN.**

**Blunt's Prolix.** Claimed to be the most prolific variety in cultivation. It is said to bear from 4 to 7 ears to the stalk. Qt., 20c.; bushel, $3.00.

**RYE.**

**Spring.** Bush, $1.75.

**Winter.** Bush, $1.25.

**FOREIGN OATS.**

We offer the following varieties of English and Scotch oats, and would recommend to our customers who have hitherto grown only the home American Oats, to give them a trial, as we feel confident their great superiority will be made apparent.

**Black Tartarian.** Early, productive, and long-strawed; a much valued variety.

**White Tartarian.** A late and very prolific variety; and is said to be the best in Illinois. Seed for 50 cts.

**Waterloo.** White in color; large yields, both of grain and straw. Seed for 25 cts.

**Pedigree Poland.** A good yielding, early Oat, of fine quality. Price for any of the above sorts, $2.50 per bushel, or a quart will be sent by mail for 40c.

The above varieties will average from 40 to 48 lbs., to the bushel.
Fertilizers and Insect Destroyers.

PURE BONE FLOUR.
This Bone Flour that we offer is absolutely pure, and if used to fertilize House Plants, when mixed with the soil in potting, should be used at the rate of one part Bone Flour to fifty parts soil; or when used for Fruit, Flower, or Vegetable crops, in the open ground, it should be sown about as thickly as sand or sawdust is sown on a floor—it must then be thoroughly mixed in through the soil to a depth of 8 or 10 inches. When used in hills for Tomatoes, Melons, Cucumber, Corn, etc., it should first be mixed with leaf mold from the woods, the woods sweepings, or common garden soil, at the rate of about one bushel of Bone Flour to three bushels of either of the others; and about one pint of this mixture, well mixed through the “hill,” will be amply sufficient to give an excellent crop of any fruit or vegetable in general use. When wanted for Lawns, it should be compounded in the same way, and sown about as thickly as sowing a floor, and a rapid growth and rich verdure will quickly be seen.

Price, for 5 lb. package, 50 cents. Price, for 10 lb. package, 80 cents. Price, for 25 lb. package, $1.50.
Quantities of 50 and 100 lbs. and over, at 5 cents per lb.

PURE BONE MEAL.
A particularly good quality, coarser in appearance than the Bone Flour offered above, but, like it, it is also perfectly pure.

Price, $2.50 per 100 lbs., or $12.00 per ton of 2000 lbs.

GROUND BONE.
We offer a very fine article for $2.50 per ton, or a sample barrel of about 250 lbs. for $5.00.

THE BLOOD AND BONE FERTILIZER.
This is manufactured entirely from the blood and bones of the animals slaughtered at the immense Abattoirs near Jersey City, N. J. This district is close to the largest market gardens in the vicinity of New York. These gardens are owned by men whose knowledge and experience in the matter of fertilizers are equal to any in the country, and all, without exception, testify to its great superiority over every other fertilizer tried. This unanimous approval is undoubtedly from the fact that the article manufactured is pure blood and bone—nothing more. That it will be to the interest of the Company to make it continuously so, there is no doubt. They are located in the midst of hundreds of men who, if the article is purely made, will be profitable buyers, while if adulteration was attempted, in the hands of such “experts” it would be at once detected.

We offer it in quantities to suit large or small buyers, at the following reduced rates:
Price, 100 lbs. to 500 lbs., $4.69 per 100 lbs. Delivered in New York.
Price, 500 lbs. to 1000 lbs., $3.99 per 100 lbs. Delivered in New York.
Price, 2000 lbs., or 1 ton, $2.75 per 100 lbs. Delivered in New York.

PERUVIAN GUANO.
Guano is one of the best and most powerful stimulants for plants and growing crops. One pound of Guano to twenty gallons of water will be sufficiently strong for a single watering, each week, and more efficient than repeated waterings with weaker solutions. Price, for 2 lb. box, 25 cents; for 5 lb. box, 50 cents; per bag of about 100 lbs., 5 lbs. per lb.

SULPHUR (Flowers of.)
Sulphur is now considered indispensable in all greenhouse and grapevines work. It is perhaps best applied by the Sulphur Bellows, which now come very reasonable in price.

15c. per lb., or 10 lbs. for $1.00.

SULPHUR BELLows.
This is a simple bellows used to blow the “flowers of sulphur,” just alluded to, on Roses and other plants subject to mildew. In our own greenhouses we have had one in use for the past two seasons, and by blowing the sulphur on the leaves once a week, as a preventer, we have not had a speck of mildew either on our Roses or Grape Vines, both of which we grow in large numbers under glass. Price, $2.50 each.

WHITE HELLEBORE POWDER.
Largely used for destroying rose bugs, caterpillars and worms that infest flowering and fruit plants out of doors. 50c. per lb.

WHALE-OIL SOAP.
Excellent for destroying and preventing insects on plants, vines, etc.;
2 lb. packages, 35c.; 5 lb. box, 80c.; 10 lb. box, $1.20.

GISHURST COMPOUND.
An English Preparation, highly recommended for preventing and destroying Red Spiders, Moth Bug, Thrip, Green and Brown Fly, etc.; also for winter dressing, and washing walls, frames and sashes of greenhouses.
Price, per box, $1.00.

JACQUES‘ SAPO TABACUM, OR TOBACCO SOAP.
A universal remedy for the pests of gardens and nurseries, etc. The most convenient and cheap specific for the destruction of insects, parasites, and their eggs, infesting plants. Price, 50c. per lb.; 5 lbs. for $2.00.

TOBACCO DUST.
Per lb. 10c.

HORACE'S TOBACCO AND HELLEBORE INSECTICIDE.
IN PATENT BELLows BOX.
For Rose Bugs and other Plant Infesting Insects.
The best article of the kind we have seen.
The box forms a durable bellows, which enables the insecticide to be very efficiently applied.

Price, 25 cents each; $2.50 per dozen.
Grass and Clover Seeds.

HOW TO MAKE A LAWN.

The preparation for laying down lawns is too often hastily and imperfectly made. The first point is to get the ground shaped to the desired grade, taking care in grading that when hills are removed, sufficient sub-soil is also removed to be replaced with top-soil, so that at least six inches of good soil will overlay the whole in all places. When the grading is finished, drains should be laid wherever necessary; then the whole should be thoroughly plowed, a sub-soil following in the wake of the common plow, until it is completely pulverized. A heavy harrow should then be applied until the surface is thoroughly fined down; all stones, roots, etc., should be removed, so that a smooth surface may be obtained. The lawn is now ready to be sown. When the seed is sown, a light harrow should again be applied, and after that a thorough rolling given, so that the surface is made as smooth as possible. In the latitude of New York the seed may be sown at any time during the months of April and May, and will form a good lawn by August, if the preparation has been good. If sown in the hot months of June or July, a sprinkling of oats should be sown at the same time, so that the shade given by the oats will protect the young grass from the sun. For small plots, of course, digging, trenching, and raking must be done, instead of plowing, sub-soiling, or harrowing.

If by Mail, add 10c. per quart.

Lawn Grass. "Central Park Mixture." This is composed of choice selected grasses, of neat, compact growth, and will produce a fine sward. Qt., 25c.; bush., $1.75.

Lawn Grass. Second quality, fine mixed. Qt., 20c.; bush., $4.00.

For forming new lawns, about four bushels per acre are required.

VARIOUS GRASSES.

If by Mail, postage must be added at the rate of 10c. per lb. or 10c. per qt. (Prices subject to variation.)

Red Top Grass (Agrostis Twigraria). Valuable as a mixture in either pasture or lawn grasses; succeeds well in almost any soil; (14 pounds to the bushel.) About 1/2 bu. to the acre. Qt. 15c.; bu., $1.75.

Kentucky Blue Grass (Poas Pratensis). Also known as June Grass; a valuable variety for lawns when mixed with other grasses, thrives best in dry soils, and retains its verdure during the hottest weather. About 3/4 bu. to the acre. Extra clean seed. (4 lbs. to bushel.) Qt. 10c.; bu., $2.50. — Double Extra Clean. Qt., 15c.; bu., $2.75.

Creeping Bent Grass (Agrostis Stolonifera). An excellent variety for lawns, succeeding well in most situations. About 1/2 bu. to the acre. (Bushel of 15 lbs.) Qt., 30c.; bu., $1.00.

Rhode Island Bent Grass (Agrostis Canina). One of the finest of grasses for lawns when sown alone. About 1/2 bu. to the acre. (Bushel of 10 lbs.) Qt., 20c.; bu., $4.00.

Orchard Grass (Dactylis Glomerata). One of the most desirable of all pasture grasses; especially valuable for grazing stock. 3 bu. to the acre. (Bushel of 14 lbs.) Qt., 15c.; bu., $3.00.

Timothy, or Herd Grass (Phleum Pretense). This well-known variety is extensively grown throughout the country. It will produce a larger crop, and is said to contain more nutriment than any other kind. From 1/2 to 1 bushel per acre. (45 lbs to bushel.) Market price.

Sweet Vernal Grass (Anthoxanthum Odorum). Useful as a mixture with other grasses, on account of its early growth. It emits an agreeable odor when cut for hay. 3/4 bushels to the acre. (About 10 lbs. to bushel.) Lb., 60c.

Meadow Foxtail ( Alopecurus Pratensis). One of the most desirable of all grasses for permanent pastures, being early and rapid in growth. It thrives best on rich, moist soils. 3 to 4 bushels per acre. (About 7 lbs. to bushel.) Lb., 60c.

Tall Meadow oat Grass (Avena Elatior). Is highly recommended for sowing, being rapid and luxuriant in its growth. 5 to 6 bushels per acre. (Bushel of 13 lbs.) Bu., $3.25.

Yellow Oat Grass (Avena Flavescens). Good for dry pastures and meadows. (About 7 lbs. to the bushel.) Bu., $5.00.

Wood Meadow Grass ( Poa Neurostalis). Well adapted for either pasture or pleasure grounds, having succulent and nutritive herbage, of early growth, and thriving well under trees. About 2 bushels to the acre. (About 14 lbs. to the bushel.) Lb., 60c.

Rough Stalked Meadow Grass ( Poa Trivialis). Valuable for pastures and meadows, particularly on damp soils and sheltered situations, producing a constant supply of nutritive herbage, greatly liked by cattle. 1/2 bushels to the acre. (About 14 lbs. to bushel.) Lb., 50c.
Hard Fescue (Festuca Duriscula). One of the finest of dwarf-growing grasses, thriving well in dry situations. 3/4 bushels to the acre. (About 15 lbs. to bushel.) Lt., 50c.

Meadow Fescue (Festuca pratensis). A valuable variety for permanent pastures. 3/4 bushels to the acre. (About 15 lbs. to bushel.) Lt., 50c.

Sheep’s Fescue (Festuca Ovina). Excellent for sheep pastures; is short and dense in growth, making it valuable for grass plots. 3/4 bushels to the acre. (About 15 lbs. to bushel.) Lt., 50c.

English Rye Grass (Lolium Perenne). A very nutritious and valuable grass for meadows and permanent pastures. 3/4 to 3 bushels to the acre. (Bushel of 125 lbs.) Bu., $4.00.

Italian Rye Grass (Lolium Italicum). A valuable European variety, thriving in any soil, and yielding early and abundant crops. 3 bushels to the acre. (About 20 lbs to bushel.) Bu., $8.75.

Browns Schedrari, or Rescue Grass. Is valuable for pasture, being hardy, productive, and of rapid growth. Lt., 50c.

Hungarian Grass (Panicum Germanicum). Is a valuable annual forage plant. 3/4 bushes to the acre. (45 lbs. to the bushel.) Bu., $2.25.

CLOVERS.

(Subject to variation in price.)

If by Mail, postage must be added at the rate of 10c. per lb.

Red Clover, Medium (Trifolium Pratense). Market Price.

Red Clover, Large, or Pea Vine. Market Price.

White Clover (Trifolium Repens). Lt., 50c.

Alfalfa, or Lucerne (Medicago Sativa). Lt., 40c.

Alsike, or Hybrid Cl ver (Trifolium Hybrida). Lt., 40c.

Scarlet Clover (Trifolium Inermum). Sown in July for sowing or mowing before winter. Lt., 50c.

Bokhara Clover (Medicago Lusencha). Affords excellent food for bees throughout the season. Lt., 60c.

Trefoil, Yellow (Medicago Lupulina). Hop clover, Lt., 60c.

BIRD SEEDS.

(Prices variable.)

If by Mail, postage must be added at the rate of 10c. per lb.

Canary, Best Sicily (Phalaris Canariensis). Qt., 20c.; bush., $4.00.

Hemp (Cannabis Sativa). Qt., 20c.; bush., $3.00.

Maw (Papaver Rhoeas). Lt., 50c.

Millet (Panicum Miliaceum). Qt., 15c.

Rape (Brassica Napus). Lt., 30c.

Mixed Bird Seed. Qt., 20c.; bush., $1.25.

Mocking Bird Food. 40c. per bottle.

MILLETS.

(Subject to variation in price.)

Pearl Millet. It requires from 3 to 3 1/2 lbs. of clean seed of this most valuable fodder plant to sow an acre. A detail of our experiments with it, with instructions for sowing, cutting, and drying, sent free on application. Price, clean seed, 30c. per lb. (If by mail, 50c. per lb.)

Common Millet (Panicum Miliaceum). Very early; height, two to three feet; foliage, broad and very abundant; heads, very open, branching pendants; seeds glossy, oval, somewhat flattened. Per bushel, $2.25.

German, or Golden Millet. Medium early; height, 3 to 5 feet; heads closely condensed, spikes very numerous; seeds round, golden yellow, in rough, bristly sheaths. New and in great favor. Per bushel, $2.25.

Hungarian (Grass) Millet (Panicum Germanicum). Early; height, two to three feet; abundant foliage, and slender head; withstands drought; and yields well on light soils. Per bushel, $2.25.

FRUIT SEEDS.

(If by Mail, postage must be added at the rate of 10c. per lb. or 10c. per qt.)

Apple Seed. 40c. per qt.; $10.00 per bush.

Cherry Pits, Prunus. 50c. per lb.

Currant, Red. 15c. per pkt.; 50c. per oz.

" White. 15c. per pkt.; 50c. per oz.

" Black. 15c. per pkt.; 50c. per oz.

Gooseberry, Red. 25c. per pkt.; $1.00 per oz.

" Yellow. 25c. per pkt.; $1.50 per oz.

Green. 25c. per pkt.; $1.25 per oz.

Pear Seed. 25c. per oz.; $2.50 per lb.

Quince Seed. 25c. per oz.; $2.50 per lb.

Raspberry Seed. 15c. per pkt.; 75c. per oz.

Strawberry Seed. 25c. per pkt.; $1.00 per oz.

Red Alpine. 15c. per pkt.

MISCELLANEOUS.

If by Mail, postage must be added at the rate of 10c. per lb. or 10c. per qt.

Broom Corn, medium ........................................... Helos Saccharus ........................................... per qt., 50c. $4.50

Cotton, Sea Island ................................................ Linnum Titanisimum ........................................... per lb., 50c. $3.00

Flax Seed .......................................................... Papaver Somniferum .......................................... per oz., 25c. $3.00

Opium Poppy ..................................................... Vicia Sativa ................................................... per qt., 25c. 4.00

Spring Vetches ................................................... Helianthus Annuus ........................................... per q. 50c. 8.50

Sudflower .......................................................... Machaerium Auraniae ................................... per lb., 50c. 40c.

Osage Orange ..................................................... Aegopis Siliquosa ........................................... per lb., 50c. 6.50

Celery Seed, For flavoring ...................................... Achyranthes Bidentata ....................................... per lb., 50c. 6.50

Chinese Sugar Cane ............................................. Robiniu Fodiocaei ........................................... per qt., 50c. 6.00

Honey Locust ..................................................... Halothro Siliquosa ........................................... per q., 50c. 5.00

Yeast Locust .......................................................... per lb., 50c. 6.50

Early Amber Sugar Cane, (See Special Description).
VEGETABLE PLANTS AND ROOTS.

Nearly all the Vegetable Plants here described we raise in enormous quantities, on our grounds at Jersey City Heights, N. J., and we always have them in their proper seasons in splendid condition. By our light system of packing, we can safely guarantee their safe arrival when sent by express, if the time in transit does not exceed three days. As will be seen, we also offer to send by mail; and although we forward many Vegetable Plants by this mode, and have them arrive in good condition, yet their safe arrival is not so certain as when sent by express. Whenever possible, then, customers should always order them sent by express, as we not only insure their safe arrival, but we are able to send larger and finer plants.

Owing to their perishable nature, Vegetable Plants cannot be sent C. O. D., unless one-half the amount accompanies the order. Remittances should be sent us in the form of a Draft or P. O. Order.

We make no charge for either packing or boxes.

Prices on all Vegetable Plants, for larger quantities than here given, made known on application.

ASPARAGUS ROOTS.
The preparation of the Asparagus bed should be made with more care than for most vegetables, from the fact that it is a permanent crop, which ought to yield as well at the end of twenty-five as of five years, if the soil has been well prepared. To start with, it should be on ground thoroughly drained, either naturally or artificially, and if choice can be had, on a rather light sandy loam. This should be trenched and mixed with sufficient manure to form a coating of at least six inches thick over the bed; this manure should be worked into the soil by trenching to the depth of two feet, as the roots of the plants will reach quite that depth in a few years. In setting, the crowns of the plants should be placed at least three inches below the surface. It makes but little difference whether it is planted in spring or fall; if in spring, it should be done as early as the ground is dry enough to work; and if in fall, just as soon as the plants can be had, which is usually in the early part of October. For an ordinary family, a bed of six rows, fifty or sixty feet in length and three feet apart, will be sufficient, the plants in the rows being set nine inches apart.

Colossal. Two-year old roots. By mail, $2.25 per 100. By express, per 100, $1.25; per 1,000, $10.00; per 5,000, $40.00.

One-year old roots. By mail, $2.00 per 100. By express, per 100, $1.00; per 1,000, $7.50; per 5,000, $30.00.

CABBAGE AND CAULIFLOWER PLANTS

that have been wintered over in cold frames, and are ready to plant out at any time from February to end of April, of the following varieties:

If by mail, add 5c. to 100 price.

**Cabbage.**
- Henderson's Early Summer. (Cold Frame.) Per 100, $1.00; per 1,000, $7.50.
- Early Jersey Wakefield. (Cold Frame.) Per 100, $1.00; per 1,000, $7.50.
- Early York. (Cold Frame.) Per 100, $1.00; per 1,000, $7.50.
- Early Flat Dutch. (Cold Frame.) Per 100, $1.00; per 1,000, $7.50.

**Cauliflower.**
- Early Dwarf Erfurt. (Cold Frame.) Per 100, $2.00; per 1,000, $15.00.
- Early Snowball. (Cold Frame.) Per 100, $2.00; per 1,000, $15.00.
- (Grown in pots in Cold Frame.) 75c. per dozen; $3.00 per 100.

**Hot Bed Plants of all the above sorts ready about May 1st, at half the above rates.**

CABBAGE AND CAULIFLOWER PLANTS.

For Fall and Winter Crops.—Ready July 1st.

**Cabbage.**
- Large Drumhead. Per 100, 40c.; per 1,000, $3.50.
- Premium Flat Dutch. Per 100, 40c.; per 1,000, $3.50.
- Drumhead Savoy. Per 100, 40c.; per 1,000, $3.50.
- Red (for pickling.) Per 100, 50c.; per 1,000, $4.00.

**Cauliflower.**
- Early Dwarf Erfurt. Per 100, $1.00; per 1,000, $7.50.
- Algiers. Per 100, $1.00; per 1,000, $7.50.
CELERY PLANTS.
Ready June 15th.
LEADING VARIETIES.
Golden Dwarf. This valuable variety, so well portrayed on the colored plate of our catalogue for 1878, is in size and habit of growth much the same as the Half-Dwarf White sort, except that, when blanched, the heart, which is large and full, is of a waxy golden yellow, rendering it a most showy and striking variety for either market or private use. It is entirely solid, of most excellent flavor and one of the best keepers during winter we have ever known. By mail, per 100, $1.00; by express, per 100, 60c.; per 1000, $5.00.

London Red. We have tried to impress upon customers for years the superiority of Red Celery over the White. Not only that as a rule they are better flavored and more crisp, but that they are harder and keep better during winter. This variety is perhaps the best of its class. By mail, per 100, $1.00; by express, per 100, 60c.; per 1000, $5.00.

White Walnut (New). This fine variety will be found fully described on page 88. By mail, per 100, $1.00. By express, per 100, 75c.; per 1000, $6.50.

Henderson’s Half-Dwarf. This variety is now grown more extensively than any other by the Market Gardeners who supply the New York City markets, and is the kind now found on the lists of all first-class hotels. When blanched, it is of a yellowish white, making it very ornamental for the table, is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large growing sorts in weight of bunch when grown under the same conditions. By mail, per 100, 50c.; by express, per 100, 75c.; per 1000, $1.00.

Henderson’s Dwarf White. A favorite New York Market variety, of close dwarf habit—solid, crisp and tender. By mail, per 100, 75c.; by express, per 100, 50c.; per 1000, $4.00.

Giant White Solid. The largest growing variety, solid and crisp, fine quality. By mail, per 100, 75c.; by express, per 100, 50c.; per 1000, $1.00.

Sandringham Dwarf White. An excellent sort, remarkable for fine flavor and solidity. By mail, per 100, 75c.; by express, per 100, 50c.; per 1000, $1.00.

Hook’s Dwarf Red. A fine red variety, of compact growth and delicious flavor. By mail, per 100, 75c.; by express, per 100, 50c.; per 1000, $1.00.

Celaruce, or Turnip-rooted Celery. A variety of celery having turnip-shaped roots, which may be cooked and sliced, and used with vinegar, making a fine salad. It should have the same treatment as celery. By mail, per 100, $1.00; by express, per 100, 75c.; per 1000, $6.50.

CRANBERRY PLANTS.
We offer below the two leading varieties. Circular of instructions for culture will be inclosed with each order.

Eaton’s Early Black Bell. Ripens very early, being fully colored by Sept. 5th in the Eastern States; color very dark red, almost black, medium size, and very uniform, great bearer, good keeper, and vines perfectly hardy.

Mansfield Creeper. This is entirely different in its growth and habit from all other varieties; it creeps on the ground and takes root at every joint, and bears shoots every two or three inches on the vine, and throws out fruit buds for a fresh start another year. It is a few days later than the Eaton Bell; both are adapted to upland culture. It is of large size and great bearer, the flesh is tender, fine keeper, color dark scarlet on one side, the other side nearly white, with a slight mottled shape roundish oval.

Either of the above, by mail, per 100, 60c. By express, per 100, 45c.; per 1000, $3.50; per 5000, $15.00; per 10,000, $25.00. (10" roaming is sufficient to plant an acre.)

EGG PLANTS.
Ready May 15th.
N. Y. Improved. Each, 10c.; per doz., $1.00; per 100, $6.00.
Black Pekin. Each, 10c.; per doz., $1.00; per 100, $6.00.

HORSE RADISH ROOTS.
Now Ready.
By mail, per dozen, 25 cents. By express, per 100, 75 cents; per 1000, $6.00.

JERUSALEM ARTICHOKEs.
Strong tubers, 25 cents per quart; $1.50 per peck; $5.00 per bushel. A 3-lb. package, by mail, for $1.00.

KALE OR BORECOLE PLANTS.
Ready in July.
Green Curled Scotch. By mail, $1.00 per 100. By express, 75c. per 100.
Brown German Curled. By mail, $1.00 per 100; by express, 75c. per 100.

KOHLRABI PLANTS.
Ready in July.
White Vienna. By mail, $1.00 per 100. By express, 75c. per 100.

LETTUCE PLANTS.
Now Ready.
Early Curled Simpson (cold frame). Per 100, $1.00.
Black Seeded Butter (cold frame). Per 100, $1.00.
Hot Red Plants of above, Ready May 1st at half above rates.

PEPPER PLANTS.
Ready May 15th.
Large Bell or Bull Nose. Each, 10c.; per dozen, $1.00; per 100, $6.00.
Sweet Mountain. Each, 10c.; per doz., $1.00; per 100, $6.00.

RHUBARB ROOTS.
Rhubarb. Roots may be planted early in spring or in fall, setting the roots three feet apart each way; if planted in spring on ground well prepared, a full crop may be gathered the succeeding season. It requires but little labor; once planted, it will remain in bearing condition for three or four years, only requiring a top dressing of manure dug in, in spring or fall. 35 cents each; $2.00 per dozen.

SWEET POTATO PLANTS.
Ready May 25th.
Nansemond. The best sort for planting North. 75c. per 100; $6 per 1000.

TARRAGON PLANTS.
30c. each; $1.00 per dozen.

TOMATO PLANTS.
Ready May 1st.
Acme. Per dozen, 50c.; per 100, $2.00.
Paragon. Per dozen, 40c.; per 100, $2.00.
The Trophy (from Headquarters Seed). Per dozen, 40c.; per 100, $2.00.
Early Smooth Red. Per dozen, 40c.; per 100, $2.00.
New York Market. Per dozen, 50c.; per 100, $2.00.
Gen. Grant. Per dozen, 40c.; per 100, $2.00.
FRUIT VINES AND FRUIT PLANTS.

This is now a most important department of our business, and we have our stock in such convenient shape that we are enabled to fill our orders for Small Fruits as readily during the winter months as in spring or fall.

KITTATINNY BLACKBERRY.

BLACKBERRIES.

Kittatiny. Very large and of excellent flavor. Per doz., $1.00; per 100, $7.00.

Lawton. Very large, juicy and sweet. Per doz., $1.00; per 100, $6.00.

Wilson’s Early. Flavor rich and good, ripens early. Per doz., $1.00; per 100, $6.00.

CURIANTS.

Cherry. Dark red, the best variety for market. Each, 20c.; per doz., $1.20; per 100, $10.00.

Versailles. Best for table use. Each, 20c.; per doz., $1.50; per 100, $10.00.

White Grape. The best white currant. Each, 20c.; per doz., $1.50; per 100, $10.00.

Black Napels. Valuable for jams and jellies (2 years old). Each, 25c.; per doz., $2.50; per 100, $15.00.

FIGS.


Brown Turkey. Violet Round.

The above are six of the best varieties of this splendid fruit. All large fruiting plants.

1st size, $3.00 each; six varieties for $15.00.

2d size, $1.50 each; six varieties for $7.50.

GOOSEBERRIES.

Houghton’s Seedling. A vigorous and very productive variety, not affected by mildew. Probably the best American Gooseberry. 20 cents each; $2.00 per dozen; $10.00 per 100. 3 years old, 50 cents each; $4.00 per dozen.

RASPBERRIES.

Red Varieties.

Pride of the Hudson. This splendid variety was offered for the first time four years ago last spring. After a thorough test, the best judges of fruit have pronounced it, for flavor, size and productiveness, unequaled. Price, 25 cents each; $2.50 per dozen.

Clarke. Berries light crimson, very sweet and highly flavored. Per doz., $1.00; per 100, $8.00.

Hudson River Antwerp. Very productive and excellent. Per doz., $1.00; per 100, $8.00.

Philadelphia. Very hardy and productive. Per doz., $1.00; per 100, $8.00.

Black Varieties.

The Gregg. The fruit of this new black Raspberry is fully one-half larger than the Mammoth Cluster, of excellent quality, enormously productive, and as hardy as any other black Raspberry. Some of our leading fruit growers pronounce it the best Black Cap Raspberry now in cultivation, and on account of its excellent shipping qualities, will be particularly well adapted for market culture. Price, 25 cents each; $2.50 per dozen.

New Rochelle Raspberry. This may be termed a mammoth “Black Cap,” as it is nearly as dark in color as the small black cap, but of large size, having a delicious sub-acid flavor. As a prolific bearer it has no equal—2-year-old plants producing 4 quarts to the plant. The plant is entirely hardy; a most valuable acquisition. Price, 25 cents each; $2.50 per dozen.

Doolittle’s Black Cap. Large, sweet and juicy. Per doz., $1.00; per 100, $8.00.

Mammoth Cluster. One of the largest black Raspberries. Per doz., $1.00; per 100, $8.00.

Yellow Varieties.

Caroline. A rich orange-colored variety, but recently offered for sale. It is very productive, flavor equal to Brinckle’s Orange, and having the advantage over that variety of being entirely hardy. Price, 50 cents each; $4.50 per dozen.

Brinckle’s Orange. Large, sweet and delicious. Per doz., $3.00; per 100, $10.00.

STRAWBERRIES.

(If by Mail, add 20c. per 100.)

Glossy Cone. This has been grown by the raiser, Mr. Durand, for several years, but was issued in 1879 for the first time. In a test of nearly seventy kinds in our grounds, we place it first. It is the earliest of all, and most prolific, of good size, fine flavor, and altogether has the greatest combination of good qualities of any strawberry we have yet seen.

Presst. Lincoln. At all of the exhibitions of the New York Horticultural Society, this variety has taken first premium for the heaviest berry. Its size is really immense, irregular in form. The flavor is excellent, is a strong grower, and most prolific bearer. We have measured some of the berries around, and found the largest circumference to be 10 inches.

Black Giant. One of the most delicious flavored Strawberries we have tried; is large in size, and beautiful in appearance, of average productiveness.

Harvey Davis. One of the best late varieties, an abundant bearer, of fine flavor, and of the largest size.

Any of the above four sorts, in strong Pot Grown Plants, $1.00 per dozen; $6.00 per 100.
**STRAWBERRIES.**—Continued.

**SHARPLESS.** A very large and heavy berry. It is of fine flavor, a good bearer and likely to become a standard sort.

**MONARCH OF THE WEST.** This is, with us, our favorite variety; it combines all the best qualities—being of the largest size, early, rich in color and flavor, and abundantly productive.

**SETH BOYDEN.** A very general favorite, medium early, of large size and immensely productive.

**JUCUNDA.** This is an old, well-known sort, possessing so many good qualities that we place it as one of the best eight, in preference to scores of others of later origin. It is of full average size, wonderfully productive, great beauty of color and form, excellent flavor, but its distinctive value is in its ripening, extending from the earliest to the latest season of the crop, the first varieties being ripe here about June 4th, and extending unto July 4th.

**Beauty.** An exceedingly handsome variety, medium size and earliness, and of the highest flavor.

**Forest Rose.** Size of the largest, an abundant bearer, and of excellent flavor.

**Duchess.** An early variety, very prolific, and of fine flavor.

**Pioneer.** This is, with us, one of the earliest, of excellent flavor, exceedingly productive, and a strong and vigorous grower.

**Glendale.** Berry long, pinkish crimson in color, flavor akin to the old Hunthoy variety.

**Triomphe de Gaud.** A well known and favorite variety, of good size and excellent spicy flavor.

**Champion.** A beautiful dark crimson variety, of largest size; rather tart, until when fully ripe; very prolific.

**Wilson.** Size medium; color dark crimson; most abundant bearer, for that reason it is extensively used for market; flavor somewhat similar to Champion.

**Kent's Prolific.** A most abundant bearer; medium in size; round shaped; of light crimson color; one of the largest varieties; in full crop with us here 20th to 25th of June.

**Capt. Jack.** A good variety; dark crimson; medium size, and of excellent flavor.

Any of the above 11 sorts is strong Pot-Grown Plants, 50c. per doz.; $1.00 per 100. Ground Layers, $1.00 per 100.

**POT-GROWN GRAPE VINES.**

As we were the first to offer Pot-Grown Ripe berry Plants at low rates, so we believe we are the first to offer

**HARDY GRAPE VINES,**

*grown in Pots,* so that they not only can be planted out at almost any time, but from being Pot-grown, they are always certain to live and grow much more rapidly than the dormant plants usually set out. We have been selling them in this shape for over six years, and find our sales rapidly increasing. Full instructions for cultivation will be found in Mr. Henderson's book, "Gardening for Pleasure," referred to elsewhere.

**NEW WHITE GRAPE, "LADY."

A promising variety of quite recent introduction, and for which the introducer, a most reliable man, claims that, in health, hardiness, and adaptability to general culture, it is fully equal to the Concord, or any other native grape. Its quality is of the very best, and it ripens its fruit among the earliest, being in perfection in Ohio (where it orig. haled) between 15th and 20th of August. If it merits all that is claimed for it, and we have every reason to believe that it has not been over-estimated, it will be a most valuable addition to our already very short list of white native grapes.

Price, for extra fine two-year-old vines, 75c. each; $7.50 per doz.

**Other Varieties.**

**Moore's Early.** A remarkably early grape, ripening at least two weeks earlier than any other sort now under cultivation. The bunches are large and compact, berries large, black and covered with a rich bloom; good flavor, a strong and healthy grower and an immense bearer.

**Concord.** Large black berry, sweet and aromatic. It succeeds on all soils, ripens in every season, is healthy and hardy, and gives bountiful crops under almost any kind of treatment. When only one variety is wanted, we invariably advise to plant Concord.

**Delaware.** Red, bunches compact, berries small, sweet and of the most exquisite aroma. For quality there is no American grape to equal it.

**Diana.** Red, bunches very compact, berries of average size, ripens with the Delaware, sweet and aromatic.

**Early Black.** Resembling the Concord in style of growth and berry, ripening two weeks earlier.

**Lady.** (New.)

**Wilden** (Rogers' No. 9). An excellent variety, berries medium, bunches rather small, color a light bronze, a good bearer.

**Agawam** (Rogers' No. 13). Berries large, of bronze color, bunches of good size and form; the best light grape of any.

**Rogers No. 17.** Resembles the preceding in size and general characteristics, but darker in color.

**Saluen** (Rogers' No. 22). A splendid white grape, tinged with pink of medium size, delicate flavor, the bunches well formed and compact, fine, perfectly hardy, and free from mildew.

**Rogers Bronze.** A berry above the medium, bunches large, well formed, berry very sweet.

**Essex** (Rogers' No. 41). An improvement on the Concord; berry of the same size, bunch larger and better formed, berries sweeter.

**Herbert** (Rogers' No. 44). A splendid sort, berries large, black, bunch well shaped and compact; a good bearer, berry remaining on the vine a long time.

Prices of the above Grapes (except Lady) grown in pots, strong plants, 50c. each; or we will supply the entire collection of 13 varieties, one of each (including the New White Grape "Lady,"*) for $5.50.

**FOREIGN GRAPE VINES FOR Vineries.**

**Muscat Black.** Bunch well formed, berry oval, black.

**Muscat of Alexandria.** Large grape, of light golden color; the most popular of the white kinds.

**Sweet Water.** An early kind, pale amber, well-flavored.

**Black Hamburg.** Sweet and juicy; a well-known excellent sort.

**White Malvoise.** White.

**Gros de Colman.** Greenish white, bunches very large, weighing often from 25 to 30 lbs. each.

**White Frontignac.** Berries nearly white, white bunch.

**Calabrian Raisin.** Bunches large and well-formed; amber white.

**Charlesworth Tokay.** White, delicious flavor.

**Beewood Muscat.** White, with Muscat flavor.

**Prince Albert.** Black; very late.

**Black Damsel.** Dark; fine.

**Santa Cruz.** White.

**Royal Muscadine.** White; berries small, early.

**Muscat Cannon Hall.** Large white.

**Hamburg.** Similar to Black Hamburg, with Muscat flavor.

1st size, extra strong, $2.00 each; 2d size, fine plants, $1.00 each.
### FRUIT TREES.

<table>
<thead>
<tr>
<th>Fruit</th>
<th>Description</th>
<th>Each</th>
<th>Per doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baldwin</td>
<td>Deer and Standard</td>
<td>40c</td>
<td>$1.00</td>
</tr>
<tr>
<td>Beilchower</td>
<td>Deer and Standard</td>
<td>40c</td>
<td>4.00</td>
</tr>
<tr>
<td>Early Bough</td>
<td>Deer and Standard</td>
<td>40c</td>
<td>4.00</td>
</tr>
<tr>
<td>Fall Pippin</td>
<td>Deer and Standard</td>
<td>40c</td>
<td>4.00</td>
</tr>
<tr>
<td>Rhode Island Greening</td>
<td></td>
<td>40c</td>
<td>4.00</td>
</tr>
<tr>
<td>Apricots</td>
<td>Deer and Standard</td>
<td>50c</td>
<td>5.00</td>
</tr>
<tr>
<td>Early Golden</td>
<td>Deer and Standard</td>
<td>50c</td>
<td>5.00</td>
</tr>
<tr>
<td>Cherry</td>
<td>Deer and Standard</td>
<td>50c</td>
<td>5.00</td>
</tr>
<tr>
<td>White Oxheart</td>
<td>Deer and Standard</td>
<td>50c</td>
<td>5.00</td>
</tr>
<tr>
<td>Black Heart</td>
<td>Deer and Standard</td>
<td>50c</td>
<td>5.00</td>
</tr>
<tr>
<td>Early Richmond</td>
<td>Deer and Standard</td>
<td>50c</td>
<td>5.00</td>
</tr>
<tr>
<td>Crab Apple</td>
<td>Deer and Standard</td>
<td>50c</td>
<td>5.00</td>
</tr>
<tr>
<td>Mulberries</td>
<td>Deer and Standard</td>
<td>50c</td>
<td>5.00</td>
</tr>
<tr>
<td>Nectarines</td>
<td>Deer and Standard</td>
<td>50c</td>
<td>5.00</td>
</tr>
<tr>
<td>New White</td>
<td>Deer and Standard</td>
<td>50c</td>
<td>5.00</td>
</tr>
<tr>
<td>Peaches</td>
<td>Deer and Standard</td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Stump the World</td>
<td></td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Early York</td>
<td>Deer and Standard</td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Crawford's Late</td>
<td>Deer and Standard</td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Oldsmum F.</td>
<td>Deer and Standard</td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Pears</td>
<td>Deer and Standard</td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Clapp's Favorite</td>
<td></td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Duchess d'Angouleme</td>
<td></td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Seckel</td>
<td>Deer and Standard</td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Belle Lucrative</td>
<td></td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Lawrence</td>
<td>Deer and Standard</td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Bartlett</td>
<td>Deer and Standard</td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>Tyson</td>
<td>Deer and Standard</td>
<td>30c</td>
<td>3.00</td>
</tr>
<tr>
<td>&quot;      &quot; &quot;        &quot;  &quot; Standard</td>
<td>75c</td>
<td>7.50</td>
<td></td>
</tr>
</tbody>
</table>

### SHADE AND ORNAMENTAL TREES.

<table>
<thead>
<tr>
<th>Tree</th>
<th>Each</th>
<th>Per doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maple, Norway</td>
<td>75c</td>
<td></td>
</tr>
<tr>
<td>Scarlet</td>
<td>75c</td>
<td></td>
</tr>
<tr>
<td>Schwertler's Purple-Leaved</td>
<td>5.00</td>
<td></td>
</tr>
<tr>
<td>Sugar</td>
<td>75c</td>
<td></td>
</tr>
<tr>
<td>Weir's Cut-Leaved</td>
<td>5.00</td>
<td></td>
</tr>
<tr>
<td>Beech, Purple-Leaved</td>
<td>5.00</td>
<td></td>
</tr>
<tr>
<td>Elm, American</td>
<td>75c</td>
<td></td>
</tr>
<tr>
<td>Linden, American</td>
<td>75c</td>
<td></td>
</tr>
<tr>
<td>Mountain Ash, European</td>
<td>75c</td>
<td></td>
</tr>
<tr>
<td>Oak, Chestnut</td>
<td>75c</td>
<td></td>
</tr>
<tr>
<td>Pin</td>
<td>75c</td>
<td></td>
</tr>
<tr>
<td>Royal</td>
<td>75c</td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>75c</td>
<td></td>
</tr>
</tbody>
</table>

### NEW JAPANESE MAPLES.

These Maples are among the most beautiful of the recent introductions from Japan. They are of dwarf habit, rarely growing over fifteen or twenty feet high, and have proved perfectly hardy during ten of our severest winters. There are many varieties; some with highly-colored leaves, from a pure white varigation to pink and dark purple, and others with leaves as deeply cut as lace.

**Acer, Maple, Polymorphum.** The young shoots and foliage have a bright crimson tint, changing to a pleasing green in summer and very varying tints in autumn. Each, $1.00.

### EVERGREENS AND HEDGE PLANTS.

<table>
<thead>
<tr>
<th>Plant</th>
<th>Description</th>
<th>Per doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arbor Vitae</td>
<td>American, for Hedging, 1½ to 3 feet</td>
<td>$15.00</td>
</tr>
<tr>
<td>&quot;              &quot;  &quot; Norwegian, 1½ to 3 feet</td>
<td>$15.00</td>
<td></td>
</tr>
<tr>
<td>&quot;              &quot;  &quot; Siberian, 1½ to 3 feet</td>
<td>$15.00</td>
<td></td>
</tr>
<tr>
<td>&quot;              &quot;  &quot; Russian, 1½ to 3 feet</td>
<td>$15.00</td>
<td></td>
</tr>
<tr>
<td>&quot;              &quot;  &quot; Specimen Plants</td>
<td>$20.00</td>
<td></td>
</tr>
<tr>
<td>Hemlock, for Hedging</td>
<td>1½ to 3 feet</td>
<td>$20.00</td>
</tr>
<tr>
<td>&quot;              &quot;  &quot; Specimen Plants</td>
<td>$25.00</td>
<td></td>
</tr>
<tr>
<td>Spruce, Norway, for Hedging</td>
<td>1½ to 3 feet</td>
<td>$35.00</td>
</tr>
<tr>
<td>&quot;              &quot;  &quot; specimen Plants</td>
<td>$40.00</td>
<td></td>
</tr>
<tr>
<td>Junipers, Irish and Swedish</td>
<td>30c. each</td>
<td>$2.00 per dozen</td>
</tr>
<tr>
<td>Retinosporas, Golden and Green</td>
<td>30c</td>
<td>$1.00 each</td>
</tr>
<tr>
<td>Pine, Austrian</td>
<td>30c. each</td>
<td>$1.00 each</td>
</tr>
<tr>
<td>&quot;              &quot;  &quot; Scotch</td>
<td>30c. each</td>
<td>$1.00 each</td>
</tr>
<tr>
<td>&quot;              &quot;  &quot; Fir Balsam</td>
<td>30c. each</td>
<td>$1.00 each</td>
</tr>
<tr>
<td>&quot;              &quot;  &quot; Ley</td>
<td>30c. each</td>
<td>$1.00 each</td>
</tr>
<tr>
<td>&quot;              &quot;  &quot; Box</td>
<td>30c. each</td>
<td>$1.00 each</td>
</tr>
<tr>
<td>&quot;              &quot;  &quot; Tree, 1½ feet, 50c. each</td>
<td>$2.00</td>
<td></td>
</tr>
</tbody>
</table>

### WEEPING TREES (Deciduous).

<table>
<thead>
<tr>
<th>Tree</th>
<th>Each</th>
<th>Per doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Betula</td>
<td>Weeping Birch</td>
<td>$1.50</td>
</tr>
<tr>
<td>Cerasus, Dwarf Weeping Cherry</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Japan, Weeping Cherry</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>Fraxinus, Weeping Ash</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>Larix, Weeping Larch</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Salix, American Weeping Willow</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>Sophora, Weeping</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>Taxodium, Weeping American Cypress</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>Ulmus, Weeping Elm</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>Scotch Weeping Elm</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>Weeping Slippery Elm</td>
<td>1.50</td>
<td></td>
</tr>
</tbody>
</table>

### WEEPING TREES (Evergreen).

<table>
<thead>
<tr>
<th>Tree</th>
<th>Each</th>
<th>Per doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abies, Weeping Hemlock</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>American Weeping Spruce</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>Biota, Weeping Arbor Vitae</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>Juniperus, Weeping Juniper</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>Picea, Weeping Silver Fir</td>
<td>1.50</td>
<td></td>
</tr>
</tbody>
</table>
SEED DRILLS AND CULTIVATORS.

**MONITOR SEED DRILL.**

A light, strong and durable Seed Drill, made wholly of metal, for which the manufacturers claim the following advantages: it measures and drops the seeds with a positive motion. It can be regulated to drop any desired number of seeds per foot or yard with the greatest exactness. It leaves the seed with great uniformity, and perfectly free from blank spaces and bunches; points attained by no other machine. It is impossible to wash the seeds. It opens the ground, drops the seed, covers and rolls it, and marks the next row to be sown at the same time. Having two driving wheels, it has a tendency to go perfectly straight, making the rows parallel, and of any width required, the wheels being adjustable as the axle. The sower and drill are also adjustable, adapting it to any soil. It will sow all varieties of seed, and is especially adapted to onion, carrot, beet, turnip, and all other garden seeds. $10.00 each.

**MATTHEWS’ GARDEN SEED DRILL.**

This Drill is designed to be used in either field or garden, and is one of the most perfect machines of its kind. When in operation, it opens the furrow, drops the seed accurately at the desired depth, covers it and lightly rolls it, and at the same time marks the next row, all of which is done with mechanical precision, by simply propelling the drill forward. In this way it sows with an evenness and rapidity impossible for the most skillful hand to do, all the different varieties of Beet, Carrot, Onion, Turnip, Parsnip, Sige, Spinach, Peas, Beans, Brown Corn, Fodder Corn, etc.

The agitator stirs the seeds in the hopper thoroughly by a positive motion, which ensures continuous and uniform delivery, and the bottom of the hopper is made sufficiently dishing to sow the smallest quantity of seed. A simple contrivance secures to it the uniform deposit of the seed to any required depth, thus avoiding the risk of planting at irregular depths, or so deep in places as to destroy the seed. The markers are made adjustable for the purpose of marking the rows at any desired distance apart, and they mark them distinctly, whether the ground is even or uneven.

Another great advantage which it possesses over any other machine is that it is the only drill which has an indicator with the names of the different seeds thereon. This indicator is devised to simplify the adjustment for sowing different varieties of seeds. It is securely attached to the side of the hopper, in plain sight, and is made use of for changing from sowing one kind of seed to another by simply turning it until the name of the seed to be planted comes up to the indicator-pin, which revolves the dial, attached to the bottom of the hopper, until the right-sided hole in it for planting that seed comes directly into place. This ingenious invention is a great improvement over any other method in use, and is much more convenient and reliable. Price, $13.50, boxed.

**PLANET JR., SEED DRILLS AND WHEEL HOES.**

**The Planet, Jr., Garden Drill No. 2. (Cut. No. 1.)**

Sows with ease and accuracy, at any exact depth or thickness, all garden, field and nursery seeds possible to be sown with a drill, and quickly repays its cost in saving of seed, time, and labor to all who grow for home and market. Price, boxed, $12.00.

**The Planet, Jr., Double Wheel Hoe and Cultivator. (Cut. No. 2.)**

Is a tool those who grow roots for stock or vegetables for market, cannot afford to be without. When used as shown in the cut, it will shave close to the small plants both sides at once, without covering them, and ten times faster than with the hand hoe, doing perfect work. When the two cultivating teeth are used, it loosens the ground thoroughly, killing young weeds and cultivating deeply, while with the two small paws neat furrows can be thrown to or from the rows of Potatoes, Peas, Beans, Celery, etc. Price boxed, $3.00.

**The Planet, Jr., Combined Drill, Wheel Hoe and Garden Plow.**

This tool, though somewhat smaller than the others, combines in itself the working qualities of both, being as efficient as a drill, and equally as efficient as a hoe and cultivator, except for large plants. The Steel Garden Plow is a valuable feature, and the whole combination is by far the best ever offered. The first cut shows it as a drill, complete, with adjustable opening plow, coverer roller, and markers; and Cut No. 2, as a garden plow. Price, boxed, $14.00.
Avery's Hand Plow.

A thorough test of this implement in our grounds for several seasons, has satisfied us that it is one of the best tools of its kind we have ever tried. It is so light that a boy can use it, and yet so simple in construction that it is not liable to get out of order. In our heavy ground one man can do as much with it as three with the hoe; on lighter soils the difference would be much more in its favor.

Price, $6.00 each.

Matthews' Hand Cultivator.

The Matthews' Hand Cultivator is one of the best implements in use for weeding between row-crops, and for flat cultivation generally, and is an indispensable companion-implement to the seed drill. It is thoroughly constructed throughout, very durable, and easy to operate. It spreads from 6 to 14 in., and will cut all the ground covered even when spread to its greatest extent. Its teeth are of a new and improved pattern, and thoroughly pulverize and mellow the soil. The depth of cultivating may be accurately gauged by raising or lowering the wheel, which is quickly done. It was formerly made with two wheels, afterwards some were made with two wheels and some with one wheel; but as the latter was, for various reasons, found to be generally preferred, it is NOW MADE WITH ONE WHEEL, as shown in cut.

Price, $6.50 each. Boxed.

The Firefly Hand Hoe and Plow.

This tool does nearly the whole work of tending the garden from Spring to Fall, opening furrows, covering, hoeing, and plowing to or from, shallow or deep, and for 1881 is made stronger and better, and with eyes for attaching a drawing rope when breaking up the garden deep before planting in the Spring.

Price, packed, $3.50.

Horse Radish Grater.

This machine will grate from 50 to 60 lbs. of Roots, large or small, per hour.

Price, $7.00 each.

We can also supply a larger machine (on legs), of somewhat different shape from the above, $10.00 each.

Davis' Lawn Rake.

A perfect implement for cleaning Lawns from leaves, grass, and all kinds of rubbish, and the only one that will do it without injuring the grass and roots.

Will level and prepare a garden bed for the seed better and quicker than any other tool.

The teeth of this rake are made of the best quality of spring steel.

Price, $1.00 each.
PLANT STICKS.

Round Sticks, Painted Green, with White Tops.

<table>
<thead>
<tr>
<th>Per Doz.</th>
<th>Per 100.</th>
<th>Per Doz.</th>
<th>Per 100.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two feet long...</td>
<td>50c.</td>
<td>5.00</td>
<td>50c.</td>
</tr>
<tr>
<td>Three &quot;</td>
<td>60c.</td>
<td>6.00</td>
<td>60c.</td>
</tr>
<tr>
<td>Four &quot;</td>
<td>75c.</td>
<td>7.50</td>
<td>75c.</td>
</tr>
<tr>
<td>Five &quot;</td>
<td>90c.</td>
<td>9.00</td>
<td>90c.</td>
</tr>
<tr>
<td>Six &quot;</td>
<td>$1.00</td>
<td>$10.00</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

Square Stick, Painted Green.

PLANT STAKES.

The Neatest Plant Stake.

<table>
<thead>
<tr>
<th>Each.</th>
<th>Dozen</th>
<th>Per 100.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 ft. x 3/4 in.</td>
<td>10c.</td>
<td>$1.00</td>
</tr>
<tr>
<td>4 ft. x 3/4 in.</td>
<td>10c.</td>
<td>$1.00</td>
</tr>
<tr>
<td>6 ft. x 3/4 in.</td>
<td>10c.</td>
<td>$1.00</td>
</tr>
<tr>
<td>8 ft. x 3/4 in.</td>
<td>10c.</td>
<td>$1.00</td>
</tr>
<tr>
<td>10 ft. x 3/4 in.</td>
<td>10c.</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

Made for supporting frail plants, such as Fuchsias, Carnations, Tuberoses, etc. They are round, taper to the top, and are painted green.

PRUNING AND BUDDING KNIVES (Saynor & Cookes).

[Images of pruning and budding knives with numbers 1 to 10]

PLEASE ORDER BY NUMBER, AS ABOVE.

<table>
<thead>
<tr>
<th>No.</th>
<th>Price, 50c. each.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$1.50</td>
</tr>
<tr>
<td>2</td>
<td>$2.00</td>
</tr>
<tr>
<td>3</td>
<td>$2.50</td>
</tr>
<tr>
<td>4</td>
<td>$3.00</td>
</tr>
<tr>
<td>5</td>
<td>$3.50</td>
</tr>
<tr>
<td>6</td>
<td>$4.00</td>
</tr>
<tr>
<td>7</td>
<td>$4.50</td>
</tr>
<tr>
<td>8</td>
<td>$5.00</td>
</tr>
<tr>
<td>9</td>
<td>$5.50</td>
</tr>
<tr>
<td>10</td>
<td>$6.00</td>
</tr>
</tbody>
</table>

FRENCH BELLOWS SYRINGE.

WEEK'S FRUIT AND FLOWER PICKER.

Everyone engaged in picking fruit knows the difficulty of detaching the fruit from the branch and depositing it in the basket, or other receptacle for receiving it, without bruising the fruit, particularly with grapes, and unless very great care is exercised, each bunch will be more or less injured.

The above Tool is a pair of shears arranged with an elastic hold-fast that cuts the stem and holds it so that the fruit can be deposited in the receptacle for receiving it without touching it with the hands. It will take the smallest cherry or hold a bunch of grapes weighing five pounds.

<table>
<thead>
<tr>
<th>No.</th>
<th>Price, 50c. each.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$1.50</td>
</tr>
</tbody>
</table>
**Garden Tools and Implements.**

- **Ames' Cast Steel Shovels.** $1.50 each.
- **Ames' Cast Steel Spades.** $1.50 each.
- **Draw Hoes.** $1.50 each.
- **Prong Hoes.** $1.50 each.
- **Hexamer's Prong Hoe.** $1.50 each.
- **Cultivator Hoes.** 6 in., 8 in., 10 in., $0.80 each.
- **Combined Hoe and rake.** 2-prong, 60c; 4-prong 75c.

**Grass Edging Knives.**

**English Scuffle Hoes.**
- 6 in., 8 in., 9 in., 10 in., 11 in., 12 in., 13 in., 14 in., 15 in., 16 in., $0.75 to $2.00 each.

**Digging Forks.**
- Flat handle, 4-prong, $1.00; long handle, $1.25 each.

**Manure Forks.**
- Round handle, 4-prong, $1.30; round handle, 5-prong, $1.50 each.

**Sheep Shears.** For trimming grass plots, etc., $1.50 and $2.00 each.


**Sickle or Grass Hooks.** (Imported) Riveted Hacks, 60c, 70c, and 90c.

**Bill Hooks.** No. 1, $1.30; No. 2, $1.75.

**Claw Hatches.** 1st size, $1.00; 2d size, $1.10; 3d size, $1.35.

**English Lawn Scythes, Sorby's Riveted.**
- 30 in., $1.30; 32 in., $1.40; 34 in., $1.50; 36 in., $1.60; 38 in., $1.75; 40 in., $1.85.

**Scythe Stones.** 25c.

**Scythe Smalls.** $1.00.


**Hedge Shears.** Each.
- 8 in. $2.00.
- 9 in. $2.25.
- 10 in. $2.50.
- With notch, 25c extra.

**Wiss' Hand Pruning Shears.** No. 1, $2.25; No. 2, $2.00; No. 4, $1.60.

**Asparagus Knife.** This is the simplest and most effective implement of the kind we have yet seen. Price, $2.00 each.

**Border or Grass Edging Shears.** (See Cut)
- 8 in., $2.50 each; 9 in., $2.75 each; 10 in., $3.00 each. With wheel, 25c extra.

**Branch Pruning or Lopping Shears.**
- No. 1, $3.25; No. 2, $3.50.

**Pruning Scissors.** 4 in., 90c; 6 in., $1.10; 7 in., $1.25. (See Cut No. 1)

**Vine Scissors.** For thinning out grapes, etc. 6 in., $1.00; 7 in., $1.25. (See Cut No. 2)

**Flower Gathering Scissors.** For cutting and holding flowers, grapes, etc. 6 in., $1.75; 7 in., $2.00. (See Cut No. 3)

**Excelsior Weeding Hook.**

An implement that can be used to advantage among small and tender plants. It will work well among rows of plants, or in any place where freedom from weeds is desired. It removes the weeds with far greater rapidity than in the usual manner, without injuring the plants, and is in all respects one of the best implements ever offered for this purpose. Price, 25c each.

This is a convenient, cheap, and useful little implement for clearing away weeds, working between plants, dressing pots, and other small work, where a large hoe could not easily be used. Price, 45c each.

**Noyes' Hand Weeder.**

**Ladies' and Children's Garden Tools.**

A very useful set of implements, consisting of a Spade, Fork, Rake and Hoe. They are made of the best steel, handsomely finished, and are not toy-tool at all, but made for service. The tools are about ten inches in length.

No. 1, extra polished, $1.25 per set; No. 2, painted and polished, $1.00 per set.

These sets of tools can be sent by mail by adding 15 cents for postage.
WATERS' IMPROVED TREE PRUNER.

The following are some of its advantages:

1st. The peculiar construction of the hook that encircles the limb, the support of the blade being upon both sides, which is very important, allowing the blade to be made very thin, thereby reducing the resistance of the wood, and making an easier and smoother cut than any other device.

2d. The knife being connected by a rod, the pole may be of any desired length, thus requiring no ladder or climbing.

3d. The small space required for working the knife, allows it to be used among close, dense branches, where great difficulty is found in using the old-fashioned shears.

For pruning Raspberry, Blackberry and Rose Bushes, it has proved peculiarly serviceable.

For removing worms' nests, and thinning out fruits, it is very desirable and can be used as a fruit picker.

Length of pole, 4 feet. Weight 2½ lbs. $2.90
   " " 6 "  " 2¾ " 2.25
   " " 8 "  " 3¾ "  2.50
   " " 10 "  " 4¾ "  2.75

Extra Knives, each. 30 cts.
Extra Knives, per dozen. 3.50

BRYANT'S IMPROVED PLANT PROTECTOR.

The uses of the Plant Protectors are three-fold:—First, against insects; second, against early frosts; third, against the cold winds so fatal to tender plants when first set out. Tomatoes, Egg Plants, Cucumbers, Melons, and all vegetables of a tender nature, can be forwarded, and more safely grown by the use of these Protectors; also all tender flowering plants, and the more delicate of annual flower seeds, can be raised by being covered with them.

Price, $1.75 per dozen.

HOT BED SASH.

Strongly made; size 3 x 6 ft., with oak bar, unpainted and unglazed, $1.25 each.

GLAZING TOOL, FOR CUTTING AND SETTING GLASS.

We have several of these Glass Cutters in use at our Greenhouses, and do not hesitate to say that for all practical purposes, they are fully as effective as the expensive glazer's diamonds costing $6 and $8 each, with the further advantage of being more easily used in inexperienced hands.

By mail, 30 cents each.

HALL'S PATENT HOSE MENDER.

We have a number of these Hose Menders in constant use at our Greenhouses, and from our own experience can pronounce it the most perfect and most simple thing we have ever seen for mending Rubber Hose. To mend a Hose, cut it off smooth at the break, insert the ends of the mender in the two parts of the Hose made by cutting, and turn the Hose, as far as possible, in the coupling.

Price, Hose Menders for ½ inch Hose, 10c. each; $1.00 per doz.

ACME LAWN SPRINKLER AND FOUNTAIN.

A most effective and simple Lawn Sprinkler, and which, with the usual force of water furnished by water works, will sprinkle a space from thirty to forty feet in diameter, possessing the great advantage of breaking the water into fine particles and distributing it evenly upon the surface it covers. It has no working parts to wear out, nor
MISCELLANEOUS TOOLS AND REQUISITES.

Asparagus Buncher: each, $4.00
Archangel Mats, for covering frames, etc.; size, 5 ft. by 2 ft., each. 75
Bass Bark, for tying: per lb., 30
Baskets, Rustic Hanging, 8 in. diam. each 1.00
" " " " " " " " " " " 9½" 1.25
" " " " " " " " " " " 11" 1.50
" " " " " " " " " " " 12" 1.65
" Wire Hanging, 8" 20
" " " 9" 65
" " " 10" 80
Bird Houses, Rustic: each 75
Chairs, Rustic: each 7.50
Forks, English, Pointed Tines (for digging): each 1.75
Grafting Chisel (Moore): 1.00
Grafting Knives: 50
Grafting Wax: 1½-lb. package 15
" " " " " " ½-lb. 10
" " " " " " 1-lb. 30
Garden Lines, 75 ft. long: each 75
" " " " " " 100 ft. 150
" " " " " " “Silver Lake” (braided), 100 ft. 1.00
Garden Reels: Small, 7½c.; Large. 1.25
Garden Dibbers, for planting vegetable plants 50
Glass, for greenhouses or hotbeds. Prices on application.
Garden Hollers; all sizes and weights. Prices on application.
Hoes, Triangular, used for tree scrapers; 5 in., 30c.; 6 in., 60c. 7½ each 75
Harrow, of all kinds: Prices when applied for.
Hoe Warren, No. 1, $1; No. 2. 1.25
" Bayonet: each 75
Labels (Pot), 4 in., long, 1c. per 100. 1.25
" " " " " 5c. per 100. Per 1000 1.00
" " " " " 10c. per 100. Per 1000 2.00
" " " " " 15c. per 100. Per 1000 3.00
" " " " " 25c. per 100. Per 1000 5.00
" " " " " 35c. per 100. Per 1000 6.00
" (Tree), Notched or Pierced, 4 in.; 30c. per 100. Per 1000 1.25
Lawn Mowers. We supply all sizes of “Charter Oak,” “Philadelphia,” and “Excelsior,” makes. Descriptive circulars on application.
Manure, Horse, in bales of 100 lbs: 1.00
Mole Trap, Merriman’s: each 1.00
" " " " " " The Label: 2.00
Pencils, Wolf’s Marking Ink, either black, blue, or red: each 50
Pots (Watering), American, 1 qt.: 40
" " " " " " 2 qts.: 50
" " " " " " 3 qts.: 60
" " " " " " 4 qts.: 75
" " " " " " 5 qts.: 1.25
" " " " " " 6 qts.: 1.75
" " " " " " 10 qts.: 2.00
" " " " " 15 gal. 3.00
" " French, 1 gallon: 2.00
" " " " " 2 gallons: 2.75
Pot Covers, 5 inches high: Per doz. 75
" " 6" 85
" " 7" 1.50
" " 8" 1.75
Plant Sprinklers, Elastic: each 1.25
Plows, for garden and field use. Special circular on application.
Roffica, for tying: Per lb. 1.00
Rakes, Wooden Case, each 40
" " " " " " Wooden Lawn 50
" " Daisy, 22 teeth: 3.50
Stands, Rustic, 3½ inches high, 22 inches long... 5.00
Sash, Hot Bed, 3x8, unpainted and unglazed... 1.25

Thermometers, in Japanese Tin Cases, 7 in., 50c.; 8 in., 75c; 10 in., $1.00; 12 in., ... each $1.50
Thermometers, Self-Registering Minimum... each 2.50
" " " " " " Self-Registering Minimum and Maximum... each 6.00
Tree Scrapers... each 1.50
Trellises (Wooden), Pot, all sizes and designs.
Wheelbarrows, Garden, No. 1, each $4.50
Wheelbarrows, Garden, No. 1, each 6.00
Wheelbarrows, Garden, No. 4, each 4.00

Bouquet Materials, Dried Grasses, Etc.

Free by mail, on receipt of price, except where noted.

Autumn Leaves (Prepared), 75c. per spray (3 ft. long).

Bouquet Papers (Plain), 4 in. diam.: Per doz. 50

Bouquets (Grass), English:

Small size... each 70
Large size... each 80

Bouquets (Grass), German:

14 inches high... each 50
18... 60
22... 75
26... 90
28... 1.00
30... 1.25
30... 2.00

Broom Corn, for stemming... Per lb. 50

Bouquet Twine... Per ball, 25

Bouquet Wire... Per lb. 60

Bromus, a beautiful grass, plain... Per bunch 25
" " dyed in separate colors... 40

Camellia Wire... Per lb. 50

Feather Grass, natural color... Per bunch 30
" " green, orange, yellow, and magenta, each in separate colors... Per bunch 50

Fern, Hartford, Paper pressed, 50c. per book of 12 sprays... 28

French Green Moss... Per bunch. 25

Florida or Southern Moss, for festooning... Per lb. 35

French Immortelles, in original bunches, as imported:

Yellow... Per bunch 40
White, Black, Green, Blue, Magenta, Orange, and Lilac... Per bunch 65
Mixed, all colors... 65

Foli, Tin... Per lb. 35
Silk... 50

Glass Tubes, for button-hole bouquets, each 15, 20 & 25

Pampas Grass Plumes, natural color, 5c. each... Per doz. 2.50

Pampas Grass Plumes, dyed in Yellow, Red, Purple, and Green, 40c. each... Per doz. 4.50

Sea Oats, Natural color... Per lb. 80
" " dyed in separate colors... 1.50

Toothpicks, for stemming flowers, per box (of 2500) 40
NEW OR RARE PLANTS.

Please read Introduction on pages 1, 2, 3, and 4 before Ordering.

ABUTILONS.

There has been a very great improvement in this class of plants in a short time. Six years ago two or three shades of crimson and maroon were about the only colors to be found. Now we have white, pink, crimson, maroon, and golden yellow in endless variety. Our set contains the best and most distinct representatives of all these colors.

Arthur Belsman. Large dark crimson flowers.
Roseflor. Beautiful rose color.
Snowstorm. Finest white.

30 cts. each; $4.50 per doz.; set of 6 for $2.50.

ACALYPHA MUSICA.

The several varieties of Acalyphas are now being extensively used for bedding purposes, their tropical richness of color contrasting well with other ornamental-leaved plants, or the dark green of the lawn. This sort is probably the best. Its leaves are variegated rose, white, pink, bronze, and green.

50 cts. each; $3.00 per doz.

ACALYPHA MARGINATA.

Another new and striking variety. The leaves are green, distinctly banded with a narrow margin of pink and white—a freak of variegation which is seldom seen. This and the foregoing are also valuable house plants.

50 cts. each; $4.50 per doz.

ALYSSUM (SWEET), COLOSSUS.

A large growing, free-flowering Alyssum. Its flowers are twice the size of the old variety, and equally fragrant.

25 cts. each; $2.25 per doz.

ALYSSUM (SWEET), VARIEGATED DOUBLE.

In addition to its being double, the variegation of foliage is more marked and distinct than in the single variegated variety, making it more valuable either for vases, baskets, or for variegated ribbon lines.

25 cts. each; $2.25 per doz.

ALYSSUM (SWEET), DOUBLe WHITE.

Similar in every way to the Sweet Alyssum, but with double flowers. Valuable for cut flowers at all seasons.

25 cts. each; $2.25 per doz.

NEW ALYSSUM (SWEET), "Tom Thumb."

An improved dwarf variety of the old "Sweet Alyssum." From its free-flowering qualities and compact style of growth, it can be used effectively as a white line in "ribbon planting."

25 cts. each; $2.25 per doz.

ALYSSUM (SWEET), VARIEGATED.

This is one of our most useful variegated plants. The white of the foliage predominates over the green, making the plant in the summer season one of the very best we have for massing or in ribbon lines, in contrast with dark foliage. It is also excellent for baskets, and as it blooms freely in winter, its sweet scented white flowers are much used for bouquets.

25 cts. each; $2.25 per doz.; set of 5 Alyssums for $1.00.

ALLAMANDA NERIFOLIA.

A compact-growing greenhouse shrub, having large, trumpet-shaped bright yellow flowers, which are borne in great profusion nearly the entire season.

30 cts. each; $4.50 per doz.

AMEPLOPSIS RIPINNATA.

A finely marked cut-leaved variety of the "Virginia Creeper," equally hardy and entirely distinct, making a novel and valuable plant for covering walls or trees; color of autumn foliage, crimson, scarlet, yellow, etc.

30 cts. each; $2.00 per doz.

ANTIGONEN LEPTOPHUS.

A very beautiful climbing plant from Central Mexico, covered with rich, dark, peach-colored flowers from August till January; flowers in racemes from 2 to 3 feet long. Suitable for either greenhouse or parlor. Very scarce.

$1.00 each.

ANTHERICUM REPENS VITATUM VAR.

Beautifully variegated with white and green stripes; one of the best plants for hanging baskets.

30 cts. each; $3.00 per doz.

ACTINIDIA SPECIES.

From seeds received from Japan. A hardy climbing plant, very attractive when in fruit, in fall and winter months.

30 cts. each; $3.00 per doz.

BAMBUSA VARIEGATA.

A variety of Bamboo, variegated, white and green. It does not grow more than 6 inches high, so it fits in nicely in Wardian cases.

50 cts. each; $4.50 per doz.

BEGONIA REX.

We offer 12 distinct new varieties, all of the most approved types, selected from, probably, the finest collection in this country.

75 cts. each; $6.00 for set of 12. 2d size, half price.

BEGONIA GLAUCOPHYLLA SCANDENS.

A drooping or creeping species, with large panicles of orange-salmon flowers; grown in hanging baskets, it is one of the most beautiful plants in cultivation.

1st size, 60 cts. each; $6.00 per doz. 2d size, 30 cts. each; $3.00 per doz.

BEGONIA ARGENTEA.

Grown for the beauty of its foliage, its silvery-looking leaves resembling the Rex varieties. This variety is now considered almost indispensable by some florists for filling the best quality stands and hanging baskets.

50 cts. each; $4.50 per doz.

BEGONIA MINIATA.

A fine, graceful shaped plant with bright orange-scarlet, coral-like flowers; the best of the class for winter flowering.

30 cts. each; $3.00 per dozen.

BEGONIA PALMATA.

An ornamental leaved variety, peculiar for its palm-shaped leaves. 50 cts. each; $4.00 per doz.
PETER HENDERSON'S CATALOGUE.

BEGONIA RUBRA.

Is one of the finest acquisitions to our winter flowering plants; the leaves are of the darkest green, the colors of the flowers scarlet rose, glossy, and wax-like. This peculiarity is so marked that when plants are placed singly in a room, the glossy appearance of the leaves and flowers gives the impression that they are artificial rather than natural.

1st size, $1.00 each; $9.00 per doz. 2d size, 50 cts. each; $4.50 per doz. 3d size, 30 cts. each; $3.00 per doz.

BEGONIA SUBPeltatum NigRICANS

Leaves rich shade of crimson—entirely unique in character—excellent for a centre plant for baskets or vases; flowers bluish white; always scarce.

50 cts. each; $4.50 per doz.

BEGONIA WASHINGTONIANA.

A new winter flowering variety, with glossy leaves and immense panicles of pure white flowers—a very desirable novelty for winter flowers.

50 cts. each; $4.50 per doz. Set of 7 preceding varieties, $3.00.

BEGONIA (Tubercous Rooted).

A comparatively new section of this beautiful tribe, flowers ranging through all the shades of crimson, scarlet, rose, orange, etc. They require the same treatment as the fancy-leaved Caladiums, Gloxinias, etc.—that is, the tubers are dried off in winter and started again in spring. Excellent for bedding purposes, as they bloom the entire summer season until frost.

60 cts. each; $6.00 per doz.

BLETIA TANKERVILLEI.

A terrestrial orchid, the flowers of which, as in all the orchid family, are of great beauty. They are borne in spikes, on stems about 18 inches high; the color of the flower is white, marked with brown; but a mere description can hardly convey any adequate idea of their elegance.

$1.00 each; $9.00 per doz.

BOUAVARIA ROSALINDA.

A new variety. Flowers light rose color, like Lady Hyslop, but larger and finer in all its parts.

1st size, 60 cts. each; $6.00 per doz. 2d size, 50 cts. each; $3.00 per doz.

BOUAVARIA HUMBOLDTII.

Flowers of purest white, one inch in diameter, borne on long footstalk, in loose, graceful panicles, blooming from October to June. Rich Jessamine fragrance.

1st size, $1.00 each; $9.00 per doz. 2d size, 50 cts. each; $4.50 per doz. 3d size, 30 cts. each; $3.00 per doz.

BOUAVARIA CANDIDISSIMA.

Individual flowers, smaller than the preceding, but trusses larger. Both are exceedingly desirable, and great acquisitions to our winter flowering plants.

1st size, $1.00 each; $9.00 per doz. 2d size, 50 cts. each; $4.50 per doz. 3d size, 30 cts. each; $3.00 per doz.

BOUAVARIA HUMBOLDTII.

Flowers of purest white, one inch in diameter, borne on long footstalk, in loose, graceful panicles, blooming from October to June. Rich Jessamine fragrance.

1st size, $1.00 each; $9.00 per doz. 2d size, 50 cts. each; $4.50 per doz. 3d size, 30 cts. each; $3.00 per doz.

CARLUDOVICA PALMATA.

( panama Hat Palm.)

Although one of the finest it is seen in by a few collections. Its habit of growth is like the well-known Latania Bouhonica.

75 cts. each; $6.00 per doz.

NEW CANNAS.

The varieties below-named are all of our own raising. They were picked out as the finest of several hundred which we tested, and consist of both light and dark-colored sorts. They combine as much excellence in the beauty and variety of their flowers as in their foliage. We give the height and a brief description of each.

Amazon. Foliage green; flowers canary yellow, very fine; 4 ft.

Cannrobert. Foliage dark; vermilion scarlet flowers; 6 ft.

Creole. A very fine dark variety; 6 ft.

Erie. Foliage green; orange and scarlet flowers; 4 ft.

Golden Fleece. Green foliage; flowers straw color; 5 ft.

Luke Blackburn. See special description. $1.50 each.

Oriole. Green leaves; flowers deep orange color; 6 ft.

60 cts. each, except where noted; set of 7 for $4.50.

NEW CANNA, "Luke Blackburn." This is the darkest and most distinct Canna we have ever seen. It grows 5 ft. high, and has very dark leaves, which for richness of coloring rival some varieties of Dracaenas, which it much resembles.

$1.50 each.

CYRTODEIRA METALICA.

A new basket plant that is going to become popular. It is of creeping habit. Its leaves are a rich bronze color, marked in the centre with pink. The surface of the foliage being covered with minute white hairs, gives it a silvery appearance; very beautiful.

30 cts. each; $3.00 per doz.

COCOS WEDDELIANA.

This is without doubt the most elegant palm in cultivation for table decoration or for the conservatory. Its leaves are almost as finely cut as some varieties of ferns, while for erect habit and vigor of growth, it is equal to many of the coarse varieties of palms.

At the Fall exhibition of the N. Y. Horticultural Society in 1890, a plant of the Cocos placed in a bank of scarlet carnation flowers, made one of the most striking floral designs that was shown there.

Fine specimen plants, $5.00 to $10.00 each.

Smaller size, $3.00 each.
NEW AND RARE PLANTS.

CLEMATIS COCCINEA.
Bright scarlet has been a color hitherto unknown in Cлемatis, but in this sort we have that color, which when placed in contrast with the blue, purple, and white kinds, has a most striking effect. It is equally hardy as the other well-known sorts.

$1.00 each; $9.00 per doz.

COCULUS CAROLINUS.
A strong-growing climbing plant, often 10 ft. in length producing racemes of the most vivid scarlet berries, which hang on the vine all winter. It proves hardy everywhere, where the thermometer does not fall 15 degrees below freezing point. It luxuriates in the warmer Southern States, and is probably one of the most valuable climbing plants in cultivation, when we consider the long period it holds its festoons of coral-like fruit.

50 cts. each; $1.50 per doz.

TYPE OF NEW COLEUS.

THE NEW CLASS OF COLEUS (See Cut).
This beautiful family of ornamental-foliage plants has been steadily increasing the beauty and diversity of its varieties—ever since its introduction; but we have never found such a decided "break" in them as occurred in 1873. The varieties below-named are mostly hybrids of Coleus Multicolor and Chameleon, and, besides showing all the brilliant colors of those fine sorts, seem to have monopolized all the shades of color known in the Coleus. Our collection of the new varieties from all sources in 1880, numbered over 60 sorts. We have selected from these, 18 as the most-distinct and valuable. All the others we have destroyed.

Burning Bush. Tinted carmine orange, and crimson.


Spotted Gem. Yellow ground, regularly blotched crimson, green, and orange. (See cut.)

Beacon. Dark-claret color, almost black, a splendid bedding sort.

Asa Gray. Orange crimson spotted green.

Little Buttercup. Green, yellow centre. Its low growth makes it particularly useful for the front row in ribbon line planting.

Quadricolor. Blotched bronzy red, dark chocolate and green.

Kirkpatrick. Large leaf, blotched in the centre like Geranium Happy Thought.

Superbissima. Very dark maroon with a brilliant purple centre.

Speciosa. Green with yellowish white centre.

Thos. Mehan. Dark carmine shaded brown, oakleaf shaped foliage.

Pharo. Crimson scarlet, mottled yellow and black.

Firefly. Yellow lime crimson and green mottled.

Starlight. Splashed carmine and crimson on yellow ground.

Eclipse. Scarlet, shaded brownish yellow, serrated edge.

Sunbeam. Carmine, orange and yellow.

Kentish Fire. Pink, carmine and bronze. Best of the new class of 1878.

30 cts. each; $1.00 per dozen. Set, 18 sorts, for $4.50.

CUPHEA HILLFIELDIANA.
Identical with the well-known Cuphea Platycentra in shape and habit, but quite different in color, each flower being carmine, edged maroon and white.

50 cts. each; $1.50 per doz.

CROTON “Aureum Maculatum.”
Neat shrubby habit, leaves narrow, green, spotted brightest golden yellow. Very showy and distinct.

$1.00 each.

CROTON “Johannis.”
When full grown the leaves of this variety are one foot in length and half an inch in width. The young foliage is bright lemon color, which changes with age, the mid-rib only retaining the original color, the border becoming deep green and yellow.

$1.00 each.

CROTON “Mooreana.”
Entirely different from any other variety. The ground color is light green, with a bright golden mid-rib running the entire length of the leaf, and parallel golden bars extending from mid-rib to border of leaf.

$1.00 each.

CROTON “Majesticum.”
When full grown presents the appearance of a miniature weeping willow. The young growth is brightly marked with golden mid-rib and light green margin; these colors changing with age, the margin assuming a deep olive green and the mid-rib an intense crimson color.

$1.00 each.

CROTON “Youngii.”
A variety of very robust habit, light lemon buff tinted rosy flesh color. Leaves 18 inches long and three-fourths of an inch wide.

$1.00 each.

CROTON “Queen Victoria.”
Strong upright grower. Young foliage glossy green streaked with golden bands. These markings eventually change, the green becoming a dark chocolate and the golden bright vermillion. A very beautiful contrast of colors.

$2.00 each. Set 6 new Crotons for $5.00.
CARNATION "Snowdon."

The cut gives a good representation of this most valuable new Carnation. Its merits are that the flowers are of the purest white, borne in unequalled profusion on plants that rarely ever exceed one foot in height. This quality of dwarfness makes it exceedingly valuable, as it can be grown close to the glass on front benches of the greenhouse. As a pot plant for the parlor, or for market purposes, it has no equal in Carnations.

Stock plants 75 cts. each.

Strong, well-rooted plants in 3 inch pots, 30 cts. each; $3.00 per doz.

CARNATION "King of the Crimsons."

This has now become a standard sort around New York, where the cut-flower men consider it almost indispensable. The flowers are a dark rich shade of crimson maroon, and are produced so freely that it is one of the most profitable varieties now grown.

Large stock plants 75 cts. each, $6.00 per doz.

Small 30 cts. each, $2.00 per doz.

CARNATION "Elmwood."

Color a rich shade of scarlet, fragrant, well-shaped and full, it is equally productive as the well-known La Purite, which it resembles so closely that it might well be named Scarlet La Purite. We think it a most valuable addition to our winter flowering Carnations that we have ever had of its color.

50 cts. each, $4.50 per doz.

CARNATION, "Dolly Varden."

This is probably the finest "Picotee" variety; color white, edged crimson. Largely grown around New York for cut flowers.

50 cts. each; $4.50 per doz.

CARNATION, "Queen of Whites."

Flowers very large and snow-white. It is a very strong grower. One of the best forcing varieties.

50 cts. each; $4.50 per doz., set of 6 new Carnations for $2.50.

CLERODENDRUM PALASC.

An attractive house plant. Leaves very large and velvety. Produces racemes of bright coral-red flowers in the fall and winter months.

50 cts. each; $4.50 per doz.

CLITORIA GRANDIFLORA.

Everyone who visited our greenhouses last summer, noticed this splendid vine. The flowers, which are about an inch in diameter, borne at the axils of the leaves, are dark violet blue—a rare color in flowers. It attains a height of 20 feet, and is useful either as an outdoor climbing plant, or for trellis-work in the greenhouse or parlor.

50 cts. each; $4.50 per doz.

CRASSULA BOLUSII.

A beautiful little succulent, of low and compact growth. Its leaves are fleshy, light green in color, indented with dark green, the whole surmounted with clusters of white star-shaped flowers. Useful for baskets or vases.

50 cts. each; $4.50 per doz.

CYRREPEDEUM INSIGNE.

(Moccasin or Slipper Flower.)

A terrestrial Orchid of easy growth. The flowers are green, red, and orange.

75 cts. each; $6.00 per doz.

CYRTANTHERA MAGNIFICA.

A strong growing species of branching habit, each branch being terminated with a large tuft of dark pink flowers. A very noticeable plant in a greenhouse collection.

50 cts. each; $4.50 per doz.

CHRYSANTHEMUM, "Late Duchess."

A dense growing variety, of free branching habit; flowering freely from October to February. The flowers are of good shape, from 2 to 3 inches in diameter, pure white. The variety will be found valuable for cutting purposes, as it is in bloom when white flowers are in great demand.

50 cts. each; $4.50 per doz.
NEW AND RARE PLANTS.

CAMPSIDIUM FILICIFOLIUM.

An elegant climber, of rapid growth, for greenhouse culture, the leaves of which much resemble the fronds of a fern, in miniature, giving it an unusually graceful appearance. It may be grown as a pot-plant, or trained to the rafters. Very desirable. (See Cut.)
60 cts. each; $8.00 per doz.

CHrysanthemum frutescens,
"Paris Daisy."

This is the "Marguerite" of the Paris markets, the flowers of which are now somewhat fashionable in New York during the winter. Flowers much resemble the common field daisy—a white ray of petals with a yellow disc.
30 cts. each; $3.00 per doz.

DIANTHUS CARYOPHYLLUS,
"Grenadin."

A new style of Carnation, entirely hardy, growing only 1 ft. in height. A compact bush, with great profusion of bright scarlet flowers in the style of La Purite. Our plants are seedlings, and about one half only will be double, but the plants are large and bushy.
30 cts. each; $8.00 per doz.

NEW SINGLE DAHLIA, "Juarezii."

The grandest novelty of the year, and not only a novelty but a most valuable and useful decorative plant for all purposes through the late summer and autumn months.

NEW SINGLE DAHLIA, "JUAREZII."

Its blossoms are of a rich crimson, and very much resemble in shape and color the well-known Cactus, Cereus Speciosissimus. Height about 3 ft., very bushy, flowers of very striking appearance, and quite unlike those of an ordinary double Dahlia, the florets being flat and not cupped. (See Cut.)
$1.25 each.

NEW SINGLE DAHLIA, "Scarlet Dwarf."

One of the finest varieties yet raised, of very dwarf habit (2½ ft.), free flowering, and well adapted for bedding, the flower-heads thrown well up, of a clear orange scarlet, extra fine.
$1.25 each.

NEW SINGLE DAHLIA, "Yellow Dwarf."

Of very dwarf habit (2½ ft.), and a most abundant bloomer, the flowers of a bright pure yellow, extra fine, and a fit companion as to habit and flowering, for Scarlet Dwarf.
Prof. Thurner, Editor of the American Agriculturist, who was in Europe in the Fall of 1880, informs us that these Single Dahlias present an entirely novel feature in the flower garden, and that they will, doubtless, become general favorites here.
$1.25 each. Set of 3 for $3.00.

NEW DAHLIAS.

The below-named Dahlias are the finest we have ever offered. They include all colors and shades of colors to be found in the Dahlia. Awarded first premium at the New York Horticultural Society.

Acis. Lilac.
Adelina. Deep rose.
Adonis. Yellow, amber tip, fine.
Adelaide. Blush.
Aurora. Bronze.
Beppo. Amber, carmine tip
Boabdil. Blood red.
Blanche. Pure white.
Beauty. Blush white, extra fine.
Bride. White, edged purple.
Chameleon. Blush white, flaked purple.
Diana. Shell pink.
Emily. White, tipped lilac.
Penny. White, striped violet.
Goetic. Dark amaranth.
Golden Fleece. Primrose yellow, shaded.
Hector. Cherry red.
Ida. Maroon, veined crimson.
John Standish. Vermilious.
Lord Hawke. Orange splashed and striped scarlet.
Laura. Clarlet.
Leader. Dark purple.
Leopold. Orange, striped crimson.
Lady Paxton. Searlet, striped yellow.
Mabel. Creamy white; full.
Mrs. Goodwin. Dark maroon.
Miss King. Bright orange, crimson edge.
Nabob. White and crimson.
Nonpareil. Canary yellow.
Osiris. Linoleum, feathered.
Ovid. Purple.
Pursuit. Velvet maroon.
Royal Purple. Purple.
Susan Ingram. Deep maroon.
Star of the Morning. Orange scarlet.
Signet. Linoleum, striped.
Social. Violet, tipped ruby red.
Striped Lady. Crimson, striped orange.
Topsy. Buff, lined lilac.
50 ets. each; $1.50 per doz.; full set of 41 varieties, $15.00.

DIFFIENBACHIA BARQUEANA.
A stove plant of great beauty. Leaves large and upright, blotched and marbled with pure white. A well-grown specimen of this is grand, and makes a most telling plant for exhibition purposes.

$2.00 each.

DICHERISANDRA THYRSIFLORA.
A beautiful plant for winter flowering. Well grown specimens attain a height of 10 ft., branched all around, and every branch terminated with a spike of densely set sky-blue flowers. It is a native of Brazil, and requires a warm temperature.

$1.00 each.

ERANTHEMUM SANGUINEA.
A yet scarce species; foliage thick and leathery, of a deep crimson-maroon. Leaves glossy—looking as if varnished—making a very attractive plant for decorative or bedding purposes.

50 ets. each; $1.50 per doz.

ERANTHEMUM TRICOLOR.
Like the Croton, Dracaena, etc., this plant requires a warm temperature to bring out its beautiful variegations, which run through all the shades of pink, purple, and maroon. It has proved most valuable for massing in open ground.

50 ets. each; $1.50 per doz.

ERANTHEMUM ELDORADO.
Another good variety for bedding, quite distinct from the preceding. Foliage green, mottled golden yellow.

50 ets. each; $1.50 per doz.

ERANTHEMUM MARROMATUM.
A variety with silvery leaves. Very pretty and quite different from any of the others.

50 ets. each; $1.50 per doz.; set of 4 varieties for $5.50.

EULALIA JAPONICA VAR.
An older variety than the Eulalia Japonica Zebrina. Leaves striped white and green, longitudinally. Next to the Zebrina, the most ornamental of all hardy grasses.

Large plants, $1.00 each; $9.00 per doz. Smaller, 50 ets. each; $4.50 per doz.

EULALIA JAPONICA ZEBRINA.
EULALIA JAPONICA ZEBRINA.
Unlike all other variegated plants this has its striping or marking across the leaf, instead of longitudinally. It grows from 4 to 6 ft. in height, forming a most striking and graceful plant, resembling nothing else that we know of in cultivation. The expanded flower spike resembles the ostrich plume, and will last for years. Plant entirely hardy. (See Cut).

1st size, $2.00 each; 2d size, $1.00 each.

ECHITES NUTANS.
A greenhouse climber. Leaves dark, velvety green, with rose-colored veins, resembling some varieties of the Fittonia.

50 ets. each; $1.50 per doz.

ERANTHEMUM LAXIFLORUM.
A very pretty plant, bearing small, purplish-violet blossoms. It flowers very freely, doing equally well if planted in the open ground in summer or grown as a pot-plant inside.

30 ets. each; $3.00 per doz.

ERANTHEMUM TUBERCULATA.
A fine hard wooded plant, with pure white ephedra-shaped flowers, which are delicately perfumed. It is of drooping habit, and is very useful for hanging-baskets, etc.

30 ets. each; $3.00 per doz.

EUPHORBIA COROLLATA.
This is one of the most valuable summer flowering plants. The flowers are pure white, small, and borne in the greatest abundance. It is excellent for bouquets, etc., where it takes the place of the Bouvardia in summer, which it somewhat resembles. Perfectly hardy.

30 ets. each; $3.00 per doz.

"12 BEST" FUCHSIAS.
On the opposite page will be found an engraving of 12 distinct varieties of Fuchsias. The drawing has been carefully made from specimens in our own collection, and shows, with great exactness, the style of each. They are mostly new varieties, and we are confident they will give great satisfaction either to the amateur or florist. In selecting this set we have chosen such varieties as combine, in the greatest degree, free-flowering qualities with brightest colors and beauty of flowers. Each variety
is numbered in the cut, and below will be found corresponding numbers with the names, and a short description of each. The selection is made as the "best" from our collection of over 100 old and new sorts.

No. 1.—Swanley. Corolla rosy carmine; sepals white, single.
No. 2.—Little Alice. Corolla white, bright scarlet, sepals, double.
No. 3.—Lord Macauley. Dark purple corolla; red sepals, single.
No. 4.—Theresa. Corolla ruby; sepals creamy white; single.
No. 5.—Bird of Paradise. Corolla, brilliant magenta; sepals crimson, single.
No. 6.—Earl of Beaconsfield. Very large, corolla orange and scarlet, single.
No. 7.—Genius. Violet corolla; sepals crimson, double.
No. 8.—Leah. White sepals, crimson corolla.
No. 9.—Desideratus. Scarlet tube and sepals; corolla violet blue, double.
No. 10.—Snow Fairy. The finest double white corolla variety, extra.
No. 11.—Inimitable. Purple corolla, sepals recurved; crimson, single.
No. 12.—Striped Banner. Corolla striped purple and rose; sepals rosy scarlet, single.

EUCARIS AMAZONICA.

A lovely hot-house plant, which may be had in bloom almost the entire season, if a moderate supply of plants are had. Small plants usually sending up stalks which bear dix or six large pure white star-shaped flowers, four inches across, deliciously fragrant. It wants a warm atmosphere with plenty of moisture. The flowers bring, at the holidays, very high prices. (See Cut.)
1st size, $3.00 each. 2d size, $1.00 each.
3d size, 50 cts. each.

FICUS PARCELLI.

A showy "foliage" plant for decorative purposes. It has large green leaves marbled and blotched with pure white. Always scarce, being slow to propagate.
Large specimen plants, $6.00 each.

FICUS ELASTICA.

This is one of the varieties from which the India Rubber of commerce is obtained. It has large, handsome glossy green leaves, which makes the plant a very desirable one to use in decoration where a tropical effect is wanted. No plant better stands the changes of temperature and atmosphere, and its peculiarity in this respect makes it most valuable for decorative purposes in rooms.

$1.00 to $3.00 each.

FESTUCA GLAUC.

An ornamental grass of a greyish metallic color, resembling the "needles" of the silver pine. Its native habitat is marshy places, and it is one of the very best plants that can be used for aquariums, though if wished, it can be used for any other purpose, as it grows freely in almost any situation.

Ss. each; $3.00 per doz.

GALATEA CELESTIS, (Blue Daisy.)

A very old plant, but now a very scarce one here, from the indications this winter (1881) there is a probability it will loom up as a flower for winter bouquets. The flowers are daisy-shaped, of a delicate light blue with a yellow disc, it flowers in great profusion from November to April, and makes a novel and pleasing feature in any collection of plants. It is of easy culture, and will be valuable as a parlor plant.

30 cts. each; $4.50 per doz.

CANDISSIMA PLENA (REDUCED).

NEW SEMI-DOUBLE GERANIUMS.

We have tested all the below-named varieties, and have found them to be excellent and wonderfully distinct, when we consider the great number of varieties already in cultivation.

Candidissima Plena. The best double white. (See Cut—half natural size.)
M. Pasteur. Deep crimson.
Le Centenaire. Upper petals crimson, lower magenta.
Girardin. Immense floret; beautiful pink, centre pure white.
V. E. Raspall. Bright crimson scarlet.
Gambetta. Brilliant scarlet; florets 2 in. in diameter.
Hesranthe. Orange scarlet, intensely brilliant.
Henry Caneell. Best scarlet.
Striped Vesuvius. Double scarlet, white striped.
60 cts. each; $6.00 per doz.; set 10 sorts, $4.50.

GERANIUMS, New Single.

There seems to be no end to the improvement in Geraniums. Every year new varieties are sent out containing some improvement either in brilliancy of color, size of truss, or profuseness of flower. Our set for 1881 is no exception, and contains many points of excellence before unknown.

Augusta Wurttemburg. Bright salmon scarlet.
Christopher Columbus. Deep crimson.
M. Bellot. Bright cherry.
M. Pellor. Bright magenta.
Pride of Louisville. Orange scarlet.
Prof. Blazina. Intensely dark scarlet.
Teutamarme. Scarlet. Immense floret.
60 cts. each; Set of 8 sorts, $4.00; $5.00 per doz. Full set of 18 sorts, double and single, for $7.50.
NEW AND RARE PLANTS.

GERANIUM, "HAPPY THOUGHT."

GERANIUM, "Happy Thought."
This is still much admired. A novel style of leaf variegation in the Geranium, differing from the ordinary form in having a large yellow blotch in the centre of the leaf, with an outer band of green at the margin. Flowers rich magenta rose; dwarf. A good bedder. The cut is a very good representation of it.
30 cts. each; $3.00 per doz.

GERANIUM, New Bronze.
There is such a similarity in the general colors of bronze Geraniums that special descriptions can give but little idea of their individual character and good points. We would only say that the below-named kinds are mostly new varieties and are extra fine, containing all the best features of coloring, habit and vigor of growth known in the old varieties.


C. F. Peach. Miss McMahon.


W. E. Gumbleton.
60 cts. each; $6.00 per doz. Set of 7 sorts for $5.00.

GERANIUMS, IVY.
The Ivy Geraniums are now being used largely as basket and vase plants, and for house plants to train on trellis, either upright or drooping. Few plants are more easy of culture or more attractive; both flowers and foliage are now very varied, and in King Albert and others (See Cut) we have very fine double flowers.

Golden Harry Ricouer. Leaves golden yellow Crimson zone.

Medina. Lilac-veined carmine.

Dolly Yarden. Yellow ground, bronze zone, flowers pink.

Letitia. Flowers white and maroon.

Alice Lee. Leaves orange-yellow, flowers crimson.

Eclipse. Flowers blush-veined violet.

Florinda. Flowers white-veined crimson.

20 cts. each; or $1.00 for set of seven.

GERANIUMS, New Double Ivy-Leaved.
These were received from the celebrated cultivator Jean Sisley, Lyons, France. They are very distinct and fine, ranging through all the shades of crimson, rose, lilac, white, etc.

Ansel T. Simone. Hede.

Cho. Irina.

Elfrieda. La Fiancee.


Feyen Perrir. Venus.

King Albert (See Cut).
30 cts. each; set of 11 for $2.50.

GOLDEN TRICOLOR GERANIUM.

GERANIUMS, New Golden Tricolor.
It is difficult to describe the different leaf-markings of these; suffice it to say that they are marked with yellow, crimson, scarlet and maroon, after the manner of "autumn leaves." These newer kinds are mostly strong growers.

Red of Gold.

Humming Bird.

Countess of Craven.

Jetty Lacy.

Countess of Triconnell.

Needle Gun.

Queen of Tricolors.

Rosina Suel.
50 cts. each. Set of 8 for $3.00.

GLOXINIAS.
Distinct new varieties, drooping and upright flowers; truly wonderful in their richness of coloring—blue, scarlet, rose, crimson and white.
1st size, 75 cts. each; $7.50 per doz. 2d size, 50 cts. each; $4.50 per set.

GESNERIA MAGNIFICA.
This beautiful plant gives a very rich effect when used in filling Wardian cases or baskets. Its large velvety leaves are crimson maroon color, tinted pink. It flowers very freely, sending up spikes of orange scarlet flowers in great abundance.
50 cts. each; $4.50 per doz.

GESNERIA INSIGNE.
A handsome species of this attractive family, bearing large and showy flowers of a delicate lavender color. They are similar in shape to those of the Gloxinia, but less fragrant. Gesnerias are worthy of general cultivation, and will be more appreciated when better known.
30 cts. each; $3.00 per doz.
NEW CLIMBING HYDRANGEA, (Schizophragma Hydrangeoides.)

We believe we were the first to offer this valuable climbing plant, either here or in Europe. Mr. Thos. Hogg describes it as clinging to trees to the height of fifty feet, producing corymbs of white flowers of the size of ordinary Hydrangeas. It clings exactly like Ivy, and one can imagine the effect of a wall or tree so covered, while in full bloom. Like all Japan plants of that character, it is entirely hardy.

Louis Boehmer, Esq., of Japan, to whom we are indebted for this sketch, says: "This drawing, which, although it represents the character of the plant, does poor credit to the beauty of the flowers, which are always produced in great masses, and are rather hard to sketch."

1st size, $2.00 each; $18.00 per dozen.
2d "  1.50 "  12.00 "
3d "  .50 "  4.50 "
4th " .30 "  3.00 "
HIBISCUS DENNISONII.
A most beautiful variety with rose-colored flowers, which resemble those of Amaryllis Atamasco in shape and color. The flowers, measuring a inches across, are borne freely on upright stalks perfectly erect, instead of slightly drooping, as the other varieties of Hibiscus are. 75 cts. each; $7.50 per doz.

HIBISCUS (Rosa Sinensis) LUTEUS Fl. Pl.
The flowers of this variety are of good size, semi-double, and, as in all this family, produced abundantly. They are of a beautiful lemon color, marked with pink at the base, very distinct. 30 cts. each; $3.00 per doz.

HIBISCUS (Rosa Sinensis) FULGIDUS.
Flowers very large, averaging five inches in diameter, of an intense carmine scarlet, paler towards the centre, where, on each petal, is an oblong blotch of deep crimson. It is one of the finest yet introduced, and is remarkable alike for the size, color and markings of its beautiful flowers. 30 cts. each; $3.00 per doz.

HIBISCUS (Rosa Sinensis) MINIATUS.
Flowers large, semi-double, brilliant and attractive; petals waved and recurved. Color, bright vermilion scarlet, darker towards the centre. All the varieties of Hibiscus make good bedding plants. They flower freely all summer. 30 cts. each; $3.00 per doz.

HIBISCUS (Rosa Sinensis) HYBRID.
A distinct sort, with scarlet flowers. The leaves are a dark green, with a shade of yellow blended through them; a truly magnificent plant when in bloom. 75 cts. each; $7.50 per doz.

HYBRID CAPE GERANIUM, "Echinatum."
This class of Geraniums is entirely distinct, but very little known. They bloom very freely, and are useful for cut flowers. This species is a representative of the class; the leaves are covered with a white silvery down; flowers pure white; the upper petals feathered with maroon; borne on well-formed trusses. $1.00 each.

NEW HELIOTROPE, "Snow Wreath."
The nearest approach to pure white we have yet had in the Heliotrope; trust very large, growth compact, a decided acquisition; exquisite fragrance. We found it last winter most valuable for cut flowers. 21 cts. each; $2.25 per doz.

NEW WHITE HYDRANGEA, "Thos. Hogg."
This plant has now been very generally distributed over the entire country. To those who have not yet obtained it, we would say, that the flowers are pure white, often measuring fifteen inches in diameter; the plant, when fully grown, covering a space of six feet in diameter—making it a valuable plant for cemetery decoration or other purposes. It is hardy everywhere, if a slight protection of leaves is given around the roots in winter. We have a large stock, and offer it at the following low rates—all plants that will bloom this season.

1st size, $1.00 each; 900 per doz.
2d " 50 " 4.50
3d " 25 " 2.25

HYDRANGEA STELLATA PROLIFERA.
Another fine variety. The bracts or rays are a deep pink, mottled with white. It is hardy, and is entirely distinct. It belongs to the Hydrangea Japonica class, but is much superior, and is distinct from that species.

1st size, $1.00 each; 900 per doz.
2d " 50 " 4.50
3d " 25 " 2.25

NEW GERMAN IVY, (Senecio Macroglossis.)
A variety of this popular plant, which has become much more valued than the old sort. It resembles the English Ivy to such a degree that it is often mistaken for it; the leaves have a metallic lustre, the veins and ribs being of a lighter color. It has the same strong, vigorous growth as the common German Ivy, and, for baskets, etc., it is unsurpassed. 30 cts. each; $3.00 per doz.

IPOMEA NOCTIPHYTON, (Evening Glory.)
A rapid growing plant of the "Morning Glory" family, with pure white, moon-like flowers, six inches in diameter, which open at night. A German Summer Garden, near Washington, had all the arbor covered with this plant, and when lighted up, it was an attraction for thousands. We sold it largely last season, and it invariably has given satisfaction. 30 cts. each; $1.00 per doz.

JAPAN IRIS.
We offer a set of 12 distinct kinds of these; they are entirely hardy, varying in color through all the shades of lilac, white, yellow and rose—flowers large, resembling and equaling in beauty some of our finest orchids. (See Cut.) 30 cts. each; Set of 12, $5.00.

JASMINUM, "Duchesse D'Orleans."
We have now got this variety in good growing condition. Flowers pure white, similar to a Double Balsam. Deliciously fragrant. 75 cts. each; $1.00 per doz.

JASMINUM HIRSUTUM.
Produces its pure white flowers in great abundance; very fragrant. 50 cts. each; $1.50 per doz.

JASMINUM POETICUM.
Similar to the Catalonian Jasmine; flowers smaller, but borne on larger spikes. The leaves are larger, and it is a stronger grower. Makes a most valuable climbing plant, though, if desired, it can be grown in bush form. 50 cts. each; $1.50 per doz.
The three sorts for $1.50.

KLEZIA ARTICULATA.
A singular-looking succulent plant, with light glaucous, green leaves, and peculiarly jointed stems. 30 cts. each; $3.00 per doz.
KALANCHOE ACUTIFOLIA.

A succulent plant, of branching habit; leaves narrow and deeply indented. The stems are tinged with pink and brown. It is one of the most beautiful succulents in our collection. 30 cts. each; $3.00 per doz.

LIBONIA PEROHIENSIS.

Flowers are cup-shaped, maroon, orange and yellow in color. In winter and spring it is one mass of bloom. Few plants are more attractive. 30 cts. each; $3.00 per doz.

LAGERSTREÆMIA INDICA REGINA.

(Crape Myrtle.)

A rich carmine flowered variety of vigorous growth, much superior to the original colored variety. 50 cts. each; $1.00 per doz.

LAGERSTREÆMIA INDICA ALBA

(White Crape Myrtle).

This pure white flowered variety, introduced some eight years ago, is yet scarce; hardy south of Washington. 50 cts. each; $1.00 per doz.

LYGODIUM SCANDENS

(Japanese Climbing Fern).

A climbing Fern from the East Indies. A most graceful plant, growing from one to fifty feet, as desired. Quite as easy of culture as the Smilax; although cluing when supported by strings or wires, it can be used with equal advantage as a drooping plant, for baskets or vases; as a house plant for the parlor, nothing is more easy of culture. It is now preferred by many florists to Smilax. for fine cut flower work, being much more beautiful and nearly as lasting, if the older sprays are used. 1st size, 50 cts. each; $1.50 per doz. 2d size, half-price.

MACKAYA BELLA.

A tall, slender greenhouse shrub. The plant when in full bloom appears as a mass of delicate lilac-colored flowers; 2 inches long. 50 cts. each; $4.50 per doz.

MYRTUS COMMUNIS FL. PL.

(Fragrant Leaved Myrtle).

Flowers white and very double. On large specimens they are produced in great abundance, and make it a very attractive plant. Flowers remain on plant a long time. 25 to 50 cts. each.

MEYENIA ERECTA.

Is one of the most beautiful greenhouse shrubs. The flowers are gloxinia-shaped, and are dark blue, getting lighter towards the centre, with a golden yellow throat. It is in bloom all through the early spring and summer, and is then completely covered with flowers. Leaves dark green; habit of plant, robust and graceful. 50 cts. each; $4.50 per doz.

MAGNOLIA CONSPICUA.

One of the finest and best known species; deciduous and hardy. Produces its fragrant, creamy white flowers in early spring. We offer a few extra strong pot-grown plants. $2.00 each.

OXALIS (6 distinct sorts).

Excellent for baskets or vases. Colors all shades from white to deep crimson. 25 cts. each; $2.25 per dozen.

DOUBLE WHITE OLEANDER.

The Double White Oleander is scarce. The flowers are pure white, double, but, on small plants, are not well developed, and purchasers must therefore not be disappointed if the flowers at first are not perfect. 75 cts. each; $1.50 per doz.

OLEA FRAGRANS.

A rather scarce greenhouse evergreen, with light yellow flowers of the most exquisite fragrance. Hardy in the Southern States. Fine plants. $1.00 each.

PANDANUS GRAMNIFORMIS.

Has narrow green leaves, borne in whorls, somewhat like Pandanus Utilis. A desirable plant for hanging baskets. 50 cts. to $1.00 each.

PANDANUS UTILIS.

PANDANUS UTILIS (Screw Pine).

So called from the arrangement of the leaves on the stem. It is a beautiful plant, excellently adapted for the centres of vases or baskets, or grown as a single specimen. It is a rather scarce plant; but our stock of it is large, and we offer it low, size of plants considered. No plant is better suited for room culture. (See Cut.)

1st size, $3.00 each; 2d size, $2.00 each; 3d size, $1.00 each; 4th size, 50 cts. each; 5th size, 30 cts. each.

PANDANUS JAVA VAR.

A very showy plant for exhibition. Leaves beautifully variegated, white and green. $1.00 to $2.00 each.

PANDANUS VEITCHII.

Resembling, but much finer than the preceding; green, variegated white, the centre leaves sometimes coming pure creamy white, without the least sign of green. A magnificent show plant. $1.00 to $5.00 each.

PHASEOLUS CARACALLA (Snail Plant).

An old plant, but scarce. A greenhouse climber, producing flowers which resemble in shape a snail shell. They are white, shaded violet, and have a rich fragrance that is scarcely equaled. It also does well if planted in the open ground in summer. 50 cts. each; $4.50 per doz.

PHYLANTHUS ROSEA PICTUS.

This beautiful ornamental leaved plant always attracts attention. It grows erect and graceful to a height of 3 feet, the variegations of its leaves being almost unequaled in their gorgeous coloring—a blending of the brightest shades of rose, bronze, green, white and pink. 50 cts. each; $4.50 per doz. Specimen plants, $5.00 each.
SET OF PHLOXES FOR 1881.

So many new Phloxes have been raised and sent out in past years, that we find a great many varieties to be very much alike. For this reason we have carefully selected the below set, and present it as containing only such varieties as are markedly distinct. As this beautiful genus of hardy plants blooms well in partial shade, they are, perhaps, the most valuable plants we cultivate for city gardens or shrubberies. This collection embraces every color from purest white to darkest crimson.

**Czarina.** Snow white. Profuse bloomer; dwarf habit.
**Gerill Seanse.** Bright cherry color.
**La Perone.** Purple centre, bordered white.
**Lothair.** Beautiful rosy salmon.
**Mlle. Ledouote.** Centre of floret deep carmine, border peach-blossom.
**Mme. Corby.** Centre carmine, border blush white.
**Mme. de Caen.** Centre deep lake color, border white.
**Miranda.** Centre delicate carmine, bordered pure white.
**Mons. Malet.** Lilac purple.
**Mons. G. Brewer.** Rosy lilac.
**Matabils.** Cherry pink.
**Polleston.** Magenta; centre white tinted violet.
**Reve d’Or.** Dazzling carmine.
**Rol des Roses.** Deep rose, crimson centre.
**Surprise.** Purple, mottled with white.
**York and Lancaster.** Lilac striped white.

50 cts. each; $2.50 per doz.; set 15 sorts, $4.50.

**PASSIFLORA ARC-EN-CIEL.**

Very large fragrant flowers. The raised part being pure white. The centre is citron-colored, the outer circle dark, and inner circle white, shading to blue. Grows quickly and flowers freely.

50 cts. each; $4.50 per doz.

**PASSIFLORA SMITHII.**

A variety with pinkish red flowers, the same shape as "P. Corrolea." Quite distinct and very desirable.

50 cts. each; $4.50 per doz.

**PASSIFLORA ALBA.**

A greenhouse variety, native of Brazil; flowers white.

50 cts. each; $4.50 per doz.

**PASSIFLORA LOUDONII.**

A unique little variety, flowers not larger than a ten cent piece, creamy white in color.

30 cts. each; $3.00 per doz.

**PASSIFLORA DECASSAINE.**

Reminiscence of Passiflora Alata, only the flowers are much larger and darker in color; very fine.

30 cts. each; $3.00 per doz. Set 5 sorts for $2.00.

**PAULINEA THALICTROIDES.**

A beautiful greenhouse climber, with fern-like foliage of a rich golden shade, resembling in habit somewhat the Campedium.

75 cts. each; $6.00 per doz.

**pleronia macrantha.**

A very free-growing plant, giving a continuous display of fine saucer shaped flowers, of a rich violet-blue color. An excellent plant for bedding out in summer, flowering in the greatest profusion from the time it is set out until frost.

50 cts. each; $4.50 per doz.

NEW FANCY HYBRID PETUNIAS.

See full page illustration page 32.

Seedlings, Mixed Single, 15 cts. each; $1.50 per doz.
Double, 25 cts. each; 2.25

NEW DOUBLE PETUNIAS—1880.

The following named varieties are of our own raising, selected from several thousand seedlings, and are particularly fine.

**Bonnie Doon.** Small flower, purple and white.
**Butterfly.** White and purple, butterfly-like.
**Caroline.** Star-shaped, white and crimson.
**Colossus.** Very large, fringed crimson and white.
**Cato.** Deep pink.
** Ella.** Large rose.
**Elegans.** Large and double, white, with crimson centre.
**Imogene.** Purple crimson, fringed white.
**Jean.** White, shaded rose.
**Jewell.** Pink and pure white.
**Louis.** Large carmine.
**Magnan.** Large, crimson and white.
**Maculata.** White, spotted rose.
**Mrs. William Barr.** Pure white, beautifully fringed.
**Mrs. Benson.** Distinct, crimson and white.
**Mrs. Gubbins.** Deep rose, shaded white.
**Mrs. Robinson.** White and purple.
**Mrs. Valentine.** Very large, blotted crimson and white.
**Spangle.** Full, light crimson.
**Snow White.** Star-shaped, white.
**Zembla.** Fringed purple.

50 cts. each; $8.50 per doz. Set of 21 sorts for $5.00.

PANSIES, NEW FANCY.

We sell seeds and plants of these Pansies to many hundreds of customers each season, and they always give the highest satisfaction. Pansies are now being largely used for bedding purposes, vases, etc., and this new and fine type has greatly increased their popularity. (See cut.) Plants, 20 cts. each, or set of 12 for $1.50. Seeds, 20 cts. per packet; set of 12 packets, $1.50.
PETUNIA NANA COMPACTA.
A most distinct and attractive variety. It forms a neat bush 8 or 9 inches high, profusely covered with bright cherry-colored flowers with white throat, forming a plant, when in flower, resembling a round bouquet of flowers. It flowers early, and when only 3 inches high, and continues in bloom throughout the season.
30 cts. each; $8.00 per doz.

PANCratium CORONARIUM.
One of the finest of our native bulbous plants. It can be profitably forced in the winter, when its pure white lily like flowers command high prices.
30 cts. each; $8.00 per doz.

NEW FORCING PINK, "Lord Lyons."
Flowers crimson, laced with rose color, delicately fringed, of large size—2 inches in diameter—and of rich clove fragrance. This variety is now largely grown, both as a pot plant and for the cut blooms for the Covent Garden Market of London. It is entirely hardy, and is therefore valuable as a hardy border plant, or for forcing purposes in winter.
30 cts. each; $3.00 per doz.

NEW DROOPING FERN
(Polypodium Kurruidranum).
This species, known as the "Sandwich Island Fern," should be grown in a wire basket in moss; when suspended under the partial shade of a verandah, its elegant fronds droop from 3 to 4 feet. It received a special premium from the New York Horticultural Society.
50 cts. each; $4.50 per doz. Small plants, half price.

NEW DOUBLE Poinsettia
(Poinsettia Pulcherrima Plenissima).
The single variety of the Poinsettia is known to be one of the most gorgeous of plants, the bracts, or flower leaves, being often over a foot in diameter, and of the most brilliant vermilion color. We grow an area of 3,000 square feet of this plant annually, and the sight it presents when in full bloom at the holidays is worth coming miles to see. The kind above offered is the double variety of this beautiful plant.
The double variety, $1.00, $2.00, $3.00, and $5.00 each. The single variety we will sell at from 25 cts. to $1.00 each, according to the size.

PILOGYNE SUAVIS.

PILOGYNE SUAVIS.
A rapid-growing climber, with small, glossy, green leaves. It does well at all seasons in the house; while out-of-doors, in the summer, it has no equal for shading the verandah or summer-house. Flowers yellowish white, fragrant; an excellent basket plant. (See Cut.)
25 cts. each; $2.25 per doz.

PORPHYROCOMA LANCEOLATA.
This old plant is very seldom met with, though well worthy of general cultivation. It has long-pointed, dark green leaves, which are almost hidden by a large tuft of cockscomb-like flowers. The body of the flowers is dark crimson, from which arise delicate projections of a beautiful purple color. Flowering plants in hot-house collections are somewhat overlooked, and they should not be, for they are equally attractive to most people, and tend to break up the monotony of ornamental foliage.
75 cts. each; $7.50 per doz.

TEA ROSE, "Nphetos."
This is the White Rose par-excellence. Color of the purest white; large, full, fragrant. It grows dwarf and compact, and flowers in great profusion, nearly every shoot producing a bud. It is now grown almost exclusively as being the best White Tea Rose, either for winter or summer. Ever in bloom, and possessing all the qualities in a Rose. (See Cut.)
1st size, $1.00 each; $9.00 per doz. 2d size, 60 cts. each; $6.00 per doz. 3d size, 30 cts. each; $3.00 per doz.

NEW ROSE, "Queen of Bedders.
A splendid variety, with flowers of a bright dark crimson color. It is not much used for cut flowers, as its buds are not pointed enough, but for bedding singly or in masses, it is superb. It is probably the freest-flowering rose known. It literally covers itself with flowers, every shoot being a cluster of dazzling bloom.
$1.00 each; $9.00 per doz.

NEW ROSE, "Reine Marie Henriette."
A vigorous climbing rose, with rich carmine flowers, which are of large size and fine form. This variety is sometimes called "The Red Gloire de Dijon," as it is identical with that rose except in color.
1st size, $1.00 cts. each; $9.00 per doz. 2d " 50 " 4.50 " 3d " 30 " 3.00 "
NEW AND RARE PLANTS.

NEW ROSE, "Perle des Jardins."

No rose ever cultivated for cut flowers is now so valuable as this—probably an average of 30,000 buds per week this season will be sold in New York city alone, at an average of 9c. each, from November to May, while that of the Saffrano class will average 2c. only. Its color is a rich shade of yellow, large size and perfect form, tea fragrance, a healthy free grower, and unequalled in profusion of bloom either in greenhouse in winter, or in the open ground in summer. We will grow 50,000 plants of this variety alone this season, and can supply for rosaries in quantity plants of all sizes at special rates. The cut represents the average size.

1st size, $1.50 each; $19.00 per doz. 2d size, $1.00 each; $8.00 per doz. 3d size, 50 cts. each; $4.50 per doz. 4th size, 50 cts. each; $1.00 per doz.
NEW STRIPED TEA ROSE.

"American Banner."

The cut hardly gives a fair representation of this novelty, one of the most wonderful, in our opinion, that has ever occurred amongst plants. It originated with Mr. Cartwright, a florist of Dedham, Mass., 4 years ago, and I purchased the entire stock; so that, until our Catalogue for 1879 was issued, we held the exclusive stock. It originated in a "sport" from Tea Bon Silene, but bears no resemblance to it whatever, except in fragrance, which is identical; the leaves are entirely distinct from any other rose, being small, thick and leathery. That it will remain constant in its striped character I have not the slightest doubt. We have had plants of all sizes budded and on their own roots, growing in all conditions; and every flower, without exception, has held exactly to the marking shown in the Cut. It is of an exceedingly free-blooming character, every shoot producing a bud, whether planted in the open ground or grown for winter flowers. (See Cut.)

1st size, $1.50 each; $12.00 per doz.
2d 1.00 9.00
3d .50 4.50

ROSE, PERSIAN YELLOW.

This beautiful and distinct variety is always scarce. It is one of the hardest of all Roses, color golden yellow, exceeding in deep richness of coloring all other yellow Roses. Plants attain a height and breadth of from 3 to 4 feet.

Extra large Plants, $1.50 each.
Second size, $1.00 each.

SET OF EXTRA SELECTED "HYBRID PERPETUAL ROSES."

Alfred Colomb. Brilliant carmine red, large and fine form.
Alzora. Carmine, good shape.
Antoine Mouton. Flowers very large and fragrant; brilliant carmine, reverse of petals silver rose.
Baron de Rothschild. Fine, soft velvety scarlet, changing to crimson purple.
Capt. Christy. Delicate flesh color; flowers very fragrant, produced very freely; extra.

Chas. Lefebvre. Bright crimson; purple centre, large and double.
Coquette des Alpes. White; fine form. The best of this color.
Dr. Baillon. Bright crimson, shaded purple, large, full and fine.
Gen. Washington. A fine old bedding variety; color bright vermilion rose.
Geant des Batailles. Brilliant crimson; large, double and fragrant. One of the very best.
La France. Peach color shaded rose. At a vote taken in France to determine the best rose in existence this variety received the greatest number of votes of any in its class. It flowers all summer.
Mrs. Chas. Wood. Bright red; large, full and fragrant. Very fine.
Paul Ricaut. Bright rosy crimson.
Paul Neron. Extra-large fine forsy; deep carmine, free flowering.
Victor Verdier. Brilliant rosy carmine, edged purple, flowers freely.

60 cts. each; $6.00 per doz.; Set 18 varieties for $7.50.

TEA ROSES, Newer Sorts.

American Banner. See special description.
Anna Oliver. Creamy blush shaded carmine, very fragrant.
Chas. Rovolli. Brilliant carmine changing to silver rose, base of petals clear golden yellow, very free flowering.
Clement Nabonnand. Outer petals rosy lilac, inner ones golden yellow.
Comtesse de Riza du Parc. Bright coppery rose, tinged and shaded violet crimson; free flowering.
Letty Coles. Extra large full globular form, color soft rosy pink deeply shaded with intense crimson; very fragrant.
La Tulip. White tinged rosy lilac; large, full and fragrant; very double.
La Nuance. A distinct and fine sort, color salmon rose shaded yellow.
Lucullus. Beautiful dark crimson maroon; large, full, and fragrant.
Louis Richard. Very large, rich coppery rose, centre rosy crimson; deliciously fragrant.
Mme. Welsh. Large and double, apricot yellow, shaded dark orange red.
Mme. Lambard. A beautiful shade of silver bronze changing to salmon, delicately shaded with carmine rose.
Narcisse. Pale lemon yellow, full and double; very fragrant.
Niphetos. See special description. 60 cts.
Perle des Jardins. See special description. 50 cts.
Rubens. White shaded rose, yellow centre, full and double.
Souv. de David. Rosy crimson; same type as Agrippina.
Souv. de Geo. Sand. Bright carmine changing to reddish amber; veined crimson.

1st size, 75c. each; $7.50 per doz.; set 18 sorts for $10.00.
2d 50c. 4.50 7.50

SANSIEVIERA ZEYLANICA.

A curious little hot-house plant resembling a miniature Agave, its thick fleshy leaves are a very dark green marked crossways with bars of silvery white. 75 cts. each; $6.00 per doz.

SOLANUM AZUREUM, A New Species.

A very ornamental new greenhouse plant, producing its flowers in terminal racemes. The flowers are a brilliant
The earliest flowers are succeeded by scarlet berries making the plant doubly attractive.

**SALVIA "Mrs. Stevens,"
**

This is identical with the well-known "Scarlet Sage," except the color, which is deep crimson, making a fine contrast with the intense scarlet of the old sort.

50 cts. each; $3.00 per doz.

**SALVIA BETHLHEMI.**

A compact grower. Its flowers very profusely; color bright rose pink, tipped with white. A distinct and beautiful novelty in this well-known class.

30 cts. each; $3.00 per doz.

**SALVIA MARMORATA NANA.**

A neat dwarf grower, flowers even marbled scarlet and white. Very distinct and fine. (See Cut.)

30 cts. each; $3.00 per doz. Set of 3 sorts for 75 cts.

**SELAGINELLA CAESII ARBOREA.**

One of the most beautiful of the upright-growing mosses; fronds light green, the upper surface being a bright steel-blue, shading to bronze in different lights—a remarkable plant.

75 cts. each; $6.00 per doz.

**THUNBERGIA HARRISII.**

An excellent vine for covering trellises, etc., in summer. The flowers are tubular in form, two inches in length, bright porcelain blue, with a yellow throat. A free-blooming plant of great merit.

50 cts. each; $1.50 per doz.

**TORENIAS FOURNIERII.**

One of the prettiest plants for baskets or vases. Flowers are violet-blue, Gloxinia-shaped, with yellow throat. Completely covered all summer with bloom.

30 cts. each; $1.00 per doz.

**TORENIAS BALLONII.**

A new and entirely distinct variety, equally valuable as the preceding; flowers dark maroon tipped golden yellow.

30 cts. each; $3.00 per doz.

**TABERNÆMONTANA CORONARIA, PL. PL.**

A greenhouse shrub, with double white flowers, one inch in diameter, somewhat resembling the Tube-rose, but with Jasmine fragrance.

75 cts. each; $6.00 per doz.

**TECOMA JASMINOIDES.**

In style of growth this somewhat resembles some of the Jasmine, though belonging to an entirely different family. Its flowers are tubular-shaped, white, with a beautiful pink throat. It is naturally a climber, but can be grown in bush form by keeping it well cut back; does well either in the sitting-room or greenhouse, or bedded out in summer.

50 cts. each; $1.50 per doz.

**TRITOMA GRANDIFLORA MAJOR,**

(Red Hot Poker Plant.)

We this season offer a greatly improved variety. The spikes are a foot in length, and three inches in diameter, of the brightest shades of orange and scarlet; plants certain to flower. (See Cut.) 30 cts. each; $3.00 per doz.

**NEW VERBENAS—1881.**

Verbena still continue one of the staples of Floriculture. Our average sales for the past 10 years have been 500,000 annually. We plant out several thousand seedlings each year, from which we select such as contain some new or improved features. Below is our new selection for 1881.

**Accident.** Light crimson, yellow eye.

**Bonnie.** Cherry red, large white eye, cup-shaped.

**Coley.** Deep carmine, yellow eye.

**Calcium.** Fiercely scarlet.

**Hazel.** Shell pink.

**Monogram.** Fine blue, large white eye.

**Miss Harris.** Magenta.

**Otis.** Carnet color.

**Scrubner.** Light maroon, large yellow eye.

**Silver Plume.** Snow white.

**Standing.** Dark pink, white eye.

**Superb.** Salmon scarlet, white eye.

30 cts. each; set of 12 for $3.00.

**VIOLET VICTORIA REGINA.**

A single flowering violet, with dark purple flowers, very large, measuring 1½ inches across. Exceedingly fragrant. It is a vigorous grower, an abundant bloomer, and perfectly hardy. The best single variety for florists use.

20 cts. each; $2.00 per doz.

**WISTARIA SINENSIS ALBA.**

Flowers borne in long, drooping clusters, as in the blue variety; pure white in color, making a most striking and elegant contrast. We offer plants such as can scarcely be found elsewhere. They average from 4 to 10 feet in length.

$2.00, $3.00 and $5.00 each.

**YUCCA ALOIFOLIA.**

An ornamental tropical plant, with long, pointed spines of a dark green color. 60 cts. each; $4.00 per doz.

**YUCCA ALOIFOLIA TRICOLOR.**

Same habit as the preceding, but with the addition of having the green leaves variegated white and pink. We offer a few splendid specimens of this rare and valuable plant. $3.00, $5.00, and $10.00 each.
GENERAL COLLECTION.

AGAVES (Century Plants).
These plants are excellent as vase plants, or when too large for that purpose, make striking ornaments for the lawn. The commoner sorts are not unknown, but we now offer six distinct and scarce sorts, most of them very unique. They can all be grown in the open ground, and can be wintered in a dry cellar or under the roof of a greenhouse, when there is want of room; but they are well worthy of a place in the parlor or conservatory when room can be spared.
1st size, 50 cts. each; $1.50 for a set of six sorts.
3d " 50 " 2.50 " "

AGAVE AMERICANA VAR.
The well-known variegated Century Plant; when grown in pots during the summer or in the open border, they may be wintered over under the stage of the greenhouse or in a warm cellar; keep rather dry.
50 cts. to $1.00 each; $4.00 to $12.00 per doz.

AGERATUM.
Old garden favorites, blooming continually throughout the summer months, and also making excellent winter-blooming plants; well adapted for bouquets, baskets of cut flowers, etc.; of the easiest culture.
Blanche. Pure white.
White Tom Thumb. Six inches in height, profusely covered with bluish-white flowers.
Blue Tom Thumb. Habit the same as the preceding, with flowers of a beautiful porcelain blue.
Imperial Dwarf. A variety of "A. Mexicanum," which it resembles; flowers blue.
John Douglas. Best blue.
Mexicanum. Flowers light blue.
Mexicanum Var. Leaves variegated with creamy white; flowers blue; very desirable.
Prince Alfred. A delicate lilac shade.
15 cts. each; $1.50 per doz. Set of eight sorts for $1.00.

ABELIA RUPESTRIS.
A neat little shrub from China. It is evergreen, and the rosy-white flowers come in clusters at the ends of the branches in fall and winter; delicately perfumed.
25 cts. each; $2.25 per doz.

AJUGA REPTANS.
An old herbaceous plant that the modern style of massing in colored foliage has brought into notice. Its leaves are a dark chocolate color—almost black.
25 cts. each; $2.25 per doz.

AKEBIA QUINATA.
A beautiful, hardy, evergreen climber, attaining a height of twenty feet; flowers dark brown, and deliciously fragrant. One of the most valuable climbing plants.
25 cts. each; $3.00 per doz.

ALLAMANDA HENDERSONII.
A valuable greenhouse plant, having large, deep, yellow flowers; four inches in diameter. It can be trained to climb, or can be grown in bush form, as desired. It blooms nearly the entire season.
30 cts. each; $3.00 per doz.

ALOYSIA CITRIODORA (Lemon Verbena).
A well known shrub, indispensable for the delightful fragrance of its leaves in the construction of bouquets, etc.
25 to 35 cts. each.
ALTERANTHERA,  
"Amoena Spectabilis."  
The color of this is like that of Amoena, though brighter, pink, rose and yellow predominating. Its principal merit is its very compact style of growth, making it the most desirable of all varieties for ribbon planting.  
30 cts. each; $6.00 per doz.

ALTERANTHERA.  
Plants with beautiful variegated foliage, growing from twelve to twenty-four inches in diameter, and six inches in height, used principally for ribbon lines, borders, etc. the leaves are tinted, bordered, blotted, margined, and variegated in almost every conceivable form, with the brightest colors—bright carmine and crimson tints prevailing.  
Amoena Spectabilis. (See special description.)  
30 cts. each; $8.00 per doz.  

ALTHEA FRUTEX VAR.  
(Variegated-leaved "Rose of Sharon.")  
A variegated leaved variety of this popular shrub, with the leaves distinctly margined with pure white; flowers purple.  
1st size, $1.00 each; 3d size, 30 cts. each; $3.00 per doz.

ANTHRINUM.  
ANTIRRHINUM. (Snap Dragon.)  
We offer this year an unusually fine lot of Anthrinnums, seedlings from seeds saved from the finest and most beautiful, flaked, mottled, and striped varieties in cultivation. (See Out.)  
15 cts. each; $1.50 per doz.

AMPELOPSIS VEITCHII,  
(A. Tricuspidata.)  
A miniature variety of the Virginia Creeper; the young growth during summer is a dark purplish green, changing in fall to the brightest tints of scarlet, crimson, and orange. It clings to stonework, trees, etc., and is a splendid plant for covering unsightly objects; it attains a height of fifty feet. Every year adds to the showiness of the plant as a climber.  
30 cts. each; $4.00 per doz.

AMPELOPSIS TRICOLOR.  
A variety, the young growth of which is elegantly variegated with white, pink, and green; a splendid basket plant, or for covering rock work.  
30 cts. each; $8.00 per doz.

AMPELOPSIS QUINQUEFOLIA.  
This is the well-known Virginia Creeper; found wild in many parts of the country. It is a fast grower, of strong habit; leaves splendidly variegated in the fall.  
25 cts. each; $2.25 per doz.

AMPELOPSIS BIPINNATA.  
(See special description, page 81.)  
Price 50 cts. each. Set of 4 sorts, $1.00.

ARDISSIA CRENULATA.  
A greenhouse shrub, with dark, evergreen leaves, bearing clusters of bright red berries, which remain on the plant a long time; very ornamental.  
1st size, 75 cts. each; 75 cts. per doz.  
30 cts. each; $5.00 per doz.

ARIOLOCHIA SIFHO.  
(Dutchman's Pipe.)  
More commonly known as "Dutchman's Pipe," the name being derived from the curious formation of the flowers, which are not unlike the bowl of an old-fashioned pipe; a climber; perfectly hardy; growing thirty feet in height.  
50 cts. each; $4.50 per doz.

ARTEMISIA ARGENTEA.  
Very showy, hardy, perennial plants, blooming in early summer. Including the different shades of Yellow, Scarlet, Orange, White and Blue.  
25 cts. each; $2.25 per doz.

ARUGULA.  
The old-fashioned English Dusty Miller; an early spring-blooming plant of the Primrose order; flowering very abundantly; flowers of various shades of yellow, crimson, and maroon. Of exquisite fragrance.  
30 cts. each; $1.00 per doz.

ARTEMISIA STELLARIA.  
An old plant, which has been brought into cultivation now—in consequence of the great demand for plants with white foliage—for hanging baskets, dry box lines, etc. The foliage is of the silvery shade of the Centaureas.  
25 cts. each; $4.25 per doz.; $12.00 per hundred.

AQUILEGIA.  
AURICULA.  
ARIARLIA.
ASCLEPIAS CURASSAVICA.
A very ornamental plant for summer decorations, blooming from July to November, growing about three feet in height, the stem terminated with heads of yellow and scarlet flowers.
25 cts. each; $2.25 per doz.

BOUVARDIA, "Lady Hyslop."
This variety is now one of our standard winter-blooming sorts, of fine, vigorous growth, resembling "Elegans," with flowers of a light rose color.
30 cts. each; $3.00 per doz.

BOUVARDIAS—In variety.
These are among the most important plants cultivated for winter flowers, owing to the yearly increasing variety of color and excellent adaptation for that purpose. They are also effective as bedding plants for the flower garden, beginning to bloom in August and continuing until frost. They require considerable heat—an average of 70 degrees.
Elegans—Bright carmine.
Humboldtii. (See Page 82.) Price 50 cts. each.
Lelaniata. Dark, dazzling scarlet.
Rosalinda. (See Page 82.) 50 cts. each.
Davidsonii White, fine form.
Lady Hyslop. (See Special Description.)
Caudalissima. (See Page 82.) Price 50 cts. each.
Sanguinea. (See Page 82.) 50 cts. each.
20 cts. each; $6.00 per doz., except where noted. Set of eight sorts for $2.50.

BEGONIA.
Plants adapting themselves to a variety of uses; are used for planting in the garden for summer decorations, or as pot-plants, or for forcing for cut flowers; are very easily grown, but require heat—on average of 60 degrees at night during winter is necessary. The flowers are beautiful, drooping in graceful panicles, of various colors, as given below. They are largely used in the construction of bouquets, etc., by florists.

Alba. Flowers pure white; produced very freely.
Argentea. White, variegated.
Argyrostygma Veitchii. Flowers pink, leaves spotted white.
Carmen. Flowers bright carmine.
Begoniatum. Flowers bright scarlet.
Begoniaceae. Flowers pink.
Foliacea. White, with neat drooping foliage.
Puchiosides Alba. Flowers pure white.
Hybrida Multiflora. Small, ornamental leaves, rosy-pink flowers.

ARZALIA INDICA ALBA.
The large pure white, single variety. This is the most suitable for cemetery decoration. There are shrubs of it in the Greenwood Cemetery, of Brooklyn, L. I., six feet high by six feet in diameter; they have stood hardy there for a dozen years. When in bloom in spring and early summer, they present a perfect sheet of white. 1st size, 25 cts. each; $7.50 per doz. 3d size, 25 cts. each; $2.25 per doz. Per set of twenty-five, 1st size, 12.50. 2d size, set of twenty-five, $1.50. 3d size, set per set of twenty-five, $4.50.

AZALEA INDICA ALBA.
The most beautiful of all the Double Azalea. Flowers snow-white, 3 inches in diameter, growth compact and symmetrical; one of the most valuable flowers for use in bouquets, etc., in winter.
1st size, fine plants, $2.00 each.
2d " " 1.00 "
3d " " .50 "

BEGONIA REX, Ornamental-Leaved.
Grown for the beauty of the foliage. The leaves are large, variegated, and margined with a peculiar silvery metallic gloss. They are only used for pot-plants, or in Wardian cases, ferneries, etc., being too tender to stand our summer sun.
1st size, 50 cts. each; $4.50 per doz. 2d " 30 " $3.00 (For newer sorts and tamarind-rooted varieties, see pages 81 and 82.)

BIGNONIA CAPREOLATA.
A very attractive species. Bright scarlet-orange flowers, perfectly hardy, and is one of the best rapid-growing vines we have.
30 cts. each; $3.00 per doz.

BIGNONIA GRANDIFLORA, (Trumpet Creeper.)
The well-known "Trumpet Creeper," a rapid-growing, hardy, climbing vine, covered during the latter part of summer and fall with masses of bright orange-scarlet flowers; very showy. It is excellent for hiding old fences or other unsightly objects.
30 cts. each; $3.00 per doz.

ARZALIA INDICA.

ARZALIA JAPONICA.

ARMERIA MARITIMA, (Sea Pink.)
This is the well-known "Sea Pink." It is perfectly hardy and does well in all situations; flowers bright pink, very useful for bouquets. Flowers through the spring, summer, and fall. (See Cat.)
30 cts. each; $1.00 per doz.

ASCLEPIAS CURASSAVICA.
A very ornamental plant for summer decorations, blooming from July to November, growing about three feet in height, the stem terminated with heads of yellow and scarlet flowers.
25 cts. each; $2.25 per doz.

BOUVARDIA, "Lady Hyslop."
This variety is now one of our standard winter-blooming sorts, of fine, vigorous growth, resembling "Elegans," with flowers of a light rose color.
30 cts. each; $3.00 per doz.

BOUVARDIAS—In variety.
These are among the most important plants cultivated for winter flowers, owing to the yearly increasing variety of color and excellent adaptation for that purpose. They are also effective as bedding plants for the flower garden, beginning to bloom in August and continuing until frost. They require considerable heat—an average of 70 degrees.
Elegans—Bright carmine.
Humboldtii. (See Page 82.) Price 50 cts. each.
Lelaniata. Dark, dazzling scarlet.
Rosalinda. (See Page 82.) 50 cts. each.
Davidsonii White, fine form.
Lady Hyslop. (See Special Description.)
Caudalissima. (See Page 82.) Price 50 cts. each.
Sanguinea. (See Page 82.) 50 cts. each.
20 cts. each; $6.00 per doz., except where noted. Set of eight sorts for $2.50.

BEGONIA.
Plants adapting themselves to a variety of uses; are used for planting in the garden for summer decorations, or as pot-plants, or for forcing for cut flowers; are very easily grown, but require heat—an average of 60 degrees at night during winter is necessary. The flowers are beautiful, drooping in graceful panicles, of various colors, as given below. They are largely used in the construction of bouquets, etc., by florists.

Alba. Flowers pure white; produced very freely.
Argentea. White, variegated.
Argyrostygma Veitchii. Flowers pink, leaves spotted white.
Carmen. Flowers bright carmine.
Begoniatum. Flowers bright scarlet.
Begoniaceae. Flowers pink.
Foliacea. White, with neat drooping foliage.
Puchiosides Alba. Flowers pure white.
Hybrida Multiflora. Small, ornamental leaves, rosy-pink flowers.

ARZALIA INDICA ALBA.
The large pure white, single variety. This is the most suitable for cemetery decoration. There are shrubs of it in the Greenwood Cemetery, of Brooklyn, L. I., six feet high by six feet in diameter; they have stood hardy there for a dozen years. When in bloom in spring and early summer, they present a perfect sheet of white. 1st size, 25 cts. each; $7.50 per doz. 3d size, 25 cts. each; $2.25 per doz. Per set of twenty-five, 1st size, 12.50. 2d size, set of twenty-five, $1.50. 3d size, set per set of twenty-five, $4.50.

AZALEA INDICA ALBA.
The most beautiful of all the Double Azalea. Flowers snow-white, 3 inches in diameter, growth compact and symmetrical; one of the most valuable flowers for use in bouquets, etc., in winter.
1st size, fine plants, $2.00 each.
2d " " 1.00 "
3d " " .50 "

BEGONIA REX, Ornamental-Leaved.
Grown for the beauty of the foliage. The leaves are large, variegated, and margined with a peculiar silvery metallic gloss. They are only used for pot-plants, or in Wardian cases, ferneries, etc., being too tender to stand our summer sun.
1st size, 50 cts. each; $4.50 per doz. 2d " 30 " $3.00 (For newer sorts and tamarind-rooted varieties, see pages 81 and 82.)

BIGNONIA CAPREOLATA.
A very attractive species. Bright scarlet-orange flowers, perfectly hardy, and is one of the best rapid-growing vines we have.
30 cts. each; $3.00 per doz.

BIGNONIA GRANDIFLORA, (Trumpet Creeper.)
The well-known "Trumpet Creeper," a rapid-growing, hardy, climbing vine, covered during the latter part of summer and fall with masses of bright orange-scarlet flowers; very showy. It is excellent for hiding old fences or other unsightly objects.
30 cts. each; $3.00 per doz.
BALSAMS—Double.

We offer a strain of these, double and symmetrical in form as a Camellia. These very double Balsams are used more than anything else for the making up of bouquets, or other cut flower work in summer. We offer three sorts:

101 ct. each; $2.25 per doz. Seed, 25 cts. per packet.

Pure White; White, Striped Scarlet; and White, Mottled Crimson.

CLEMATIS—Newer Sorts.

Recently, the improvements made both in the size and coloring of the Clematis have been very decided and marked, and we have now a wide range of color, varying from white to dark blue and velvety purple. It is perfectly hardy, of rapid growth, attaining a height of twenty feet, and blooming during the greater part of summer and fall. The effect produced by a well-grown plant, when in bloom, is grand. We offer twelve of the best distinct sorts.

Alexandra. Pale reddish violet.
Albert Victor. Lavender.
Crispa. Pinkish white, bell-shaped.
Double White. White; double.
Jackmanii. Intense violet purple.
Languinosa Nivea. Pure white.
Lady Londesborough. Silver gray, pale bar.
Rubra Violacea. Maroon-purple.
Rosamond. Light lavender.
Stamhish. Light mauve-purple.
Star of India. Plum color with red bars.
Flamula. See Special Description. 30 cts.

50 cts. each, except where noted; $4.50 per set of twelve.

Clematis Flamula. (Fragrant Virgin's Bower.)

This is an old and well-known species, entirely distinct from the above; flowers pure white, deliciously fragrant. The plants attain a height of twenty feet, and when trained on trellis-work, and in full bloom, look like a mass of snow. The odor is perceptible at a distance of 200 yards. Hardy.

30 cts. each; $3.00 per doz.

CALLA ETHIOPICA. ("Lily of the Nile.")

A fine house-plant. It requires an abundance of water during the growing season, and should have a period of rest during May and June, by turning the pots on their sides in some shady place.

30 cts. each; $3.00 per doz. Large plants, 60 cts. each; $6.00 per doz.

CALLA ETHIOPICA NANA. (Dwarf Ethio-

A dwarf variety, smaller in all its parts than the original. In this respect it is more desirable, being more convenient to handle than the large-growing variety.

50 cts. each; $4.50 per doz.

CRASSULA CORDATA.

A valuable plant for winter blooming, having spikes of pinkish-white, star-shaped flowers, lasting a long time in perfection.

30 cts. each; $3.00 per doz.

CRASSULA SPATHULATA.

A low-trailing, succulent plant, with heart-shaped leaves, bearing clusters of small, white, star-shaped flowers. It is valuable for rock-work, baskets or vases.

25 cts. each; $2.25 per doz.

CRASSULA BOLUSII.

See page 81. 50 cts. each.

CALLIRHOE INVOLUCRATA.

A plant much prized in Europe; introduced there from our South-western States; it blooms during the entire summer months, forming a neat bush two feet in height; color of flowers purplish crimson, resembling somewhat the flowers of the Portulaca, but much larger.

25 cts. each; $3.00 per doz.

Calceolaria Rugosa—Shrubby.

We offer a strain of seedlings of these, embracing every shade of color in orange, yellow, pink, brown, crimson, etc. The spotting, shading and marbling of these new strains of the shrubby Calceolaria are now equal almost to the large-flowered; and when they combine, as they do, the continuous flowering property, their value is greatly enhanced.

25 cts. each; $2.25 per doz.

CALCEOLARIAS, HERBACEOUS.

Calceolaria, Herbaceous. Hybrida Superba. An exceedingly fine strain, spotted and marbled in all shades of yellow, maroon, rose, white and crimson. Completely covered in spring with pocket-like flowers. (See Cut) 25 cts. each; $2.25 per doz.
CARNATIONS, MONTHLY—General Collection.

Indispensable either for the decoration of the flower garden in summer or for the greenhouse or parlor in winter. The varieties we name are among the finest of this beautiful class, and of nearly every shade and marking, and most of them of rich clove fragrance. This class of Carnations blooms particularly hardy and are generally found where the thermometer does not fall below zero. We have cut out from our list this year all inferior kinds, and only offer such as belong to the first-class.

May Ducro. White, tinged pink.
H. W. Beecher, White, banded purple.
Monnie Doon. Bright magenta.
Sarah Head. White, spotted rose.
Charmer. Striped red and white.
King of Crimsons. (See Page 84.) 30 cts.
Dolly Yard. White, edged crimson; finely fringed
Sunset. Finest yellow.
La Purite. Carmine; dwarf and profuse.
Peter Henderson. A striped variety of the above.

Peter Henderson. (See Special Description, page 84.)

De Graw. White.
Snowdon. (See Special Description, page 84.) 30 cts.
Shellflower. Dusky pink.
Purpurea. Dark purple; very distinct.
Queen of Whites. (See Special Description, page 84.) 50 cts.
Miss Jolliffi. Beautiful flesh color.
Elmwood. Dark crimson scarlet; 50 cts.
25 cts. each, except where noted. $2.25 per doz. Set of 19 varieties for $3.00

CARNATIONS—The best Winter-Flowering.

Our extensive experience in growing plants for winter blooming, shows us that in Carnations, at least, the number of varieties that yield a great profusion of bloom is very limited. Below will be found a list of the leading sorts grown in this vicinity.

Peter Henderson. Large, white.
President Degraw. Pure white, occasionally shaded pink.
Miss Jolliffi. Flesh color.
La Purite. Carmine; dwarf, profuse.
King of Crimsons. Dark crimson maroon; 30 cts.
La Purite Var. Variegated white and carmine.
Snowdon. (See Novelties) 30 cts.
Sunset. Orange and rose.
25 cts. each; $2.25 per doz., except where noted; $12.50 per hundred. Set of 8 for $1.50. Extra large plants of these sorts, to be trained in the fall at double the above rates.

CENTAUREA CLEMENTEII.

A robust-growing variety, forming a rounded mass of silvery-white leaves, deeply cut and fringed, one-half foot in height. An acquisition to our white-foliaged plants.
25 cts. each; $2.25 per doz.

CENTAUREA CANDIDA.

A valuable plant to contrast with Coleus. Leaves white forming a neat, compact bush. Massed either with Coleus or Alycanthus, or both, it produces a most pleasing effect.
25 cts. each; $2.25 per doz.

CENTAUREA GYMNOCARPA.

Attains a diameter of two feet, forming a graceful, rounded mass of silvery gray, for which nothing is so well fitted to contrast in ribbon lines with dark foliaged plants. As a plant for hanging baskets it is also unsurpassed, its drooping, fern-like leaves being very effective.
25 cts. each; $3.25 per doz. The 3 sorts for 60 cts.

CISTUS LADANIFERUS.

A hard-wooded greenhouse shrub. The flowers are 2 inches in diameter, a creamy white color, and shaped like a saucer. The inside of the flower is beautifully dotted with dark maroon spots. Very scarce and rare. 50 cts. each; $4.00 per doz.

CLERODENDRUM BALFOURI.

A choice-climber of great beauty. The flowers, which are of a bright scarlet, are carried in a bag-like calyx of pure white; the trusses or panicles of flowers are upwards of six inches in width, and, when trained upon the trellises, and hanging from the doz., have a rich and elegant appearance; continually in bloom.
30 cts. each; $9.00 per doz.
25 "PRIZE VARIETIES" CHINESE CHRYSANTHEMANS. Large-Flowering.

There is no plant we cultivate, with the exception perhaps of the Dahlia, that assumes such an extended variety of colors as the Chrysanthemum. Being entirely hardy and of free growth, it can be grown on almost any soil and situation with but little care. They are also valuable grown in pots as greenhouse or parlor plants during early fall or winter months, and are becoming very fashionable for cut-flowers in the fall—tens of thousands were used for that purpose in New York last season.

Competition. White.

**Dr. Brock.** Cinnamon; gold tip.

**Mrs. Keys.** Blush.

**Ruth.** Pink.

**Temple of Solomon.** Yellow.

**Gloria Mundi.** Brilliant yellow.

**Countess of Granville.** Pure white; large.

**Golden Queen.** Bright golden yellow.

**Hermione.** Orange; crimson tip.

**Prince Albert.** White.

**Bolivar.** Buff-yellow.

**Cherub.** Golden amber.

**Geo. Glenny.** Fine golden yellow.

**Mazepa.** Shaded red.

**Queen of Lilacs.** White and lilac.

**Venice.** Delineate peach shade.

**Virgin Queen.** Snow white.

**Webb’s Queen.** White.

**Mrs. G. Rundie’s.** White.

**Md. Grimme.** White.

**Mongoller.** Dark amber.

**Paganel.** Rose lilac.

**Pericles.** Bright Indian red.

**Semiramis.** Buff white.

**White Eve.** White.

25 cts. each; $2.25 per doz.; $4.50 for set of 25 "prize varieties."

For the "12 best," see end of Catalogue.

25 "PRIZE VARIETIES" JAPANESE CHRYSANTHEMENS.

The hybrids from this novel section are exceedingly interesting in their varied forms and markings, together with the enormous size of the flowers of some of the varieties, many of them being five inches in diameter. They also, in most of the varieties, possess the valuable property of flowering during the winter months, when desired, by pinching off the buds as soon as formed in October. They are as hardy as the ordinary Chinese sorts.

**Coe de Marseilles.** Red, yellow centre.

**Grandiflora Japonica.** Yellow.

**La Coquette.** Golden thread-like petals.

**Magnus Bonum.** Dark pink; extra fine.

**Mrs. Mary Morgan.** Deep blush; fine.

**Abdel-Kader.** Rich crimson maroon.

**Cy Syang.** Crimson, splashed white.

**Dr. Masters.** Centre bright red, tipped with gold.

**Boule de Neige.** Large; white.

**Emperor Nicholas.** Red, tipped gold.

**Fulgare.** Sunness color.

**Gloire de Toulouse.** Crimson and white.

**La Chinoise.** Dark maroon, golden tips.

**Le Conquérant.** Golden.

**Gloire de Mazarque.** White, shaded rose.

**La Frizette.** Amaranth, reverse of petals white.

**Mamie Chapon.** Orange and yellow-plated petals.

**Ne Plus Ultra Nova.** Lilac, golden tips.

**Parasol.** Crimson maroon, golden centre.

**Reine des Belles.** White.

**The Dainty.** Pink, changing to lilac.

**Hero of Magdala.** Blood red.

**L’Ornement de la Nature.** Rosy lilac.

**Sesostris.** Reddish brown.

**Sir Harle Brock.** Yellow.

25 cts. each; $2.25 per doz.; 25 "prize varieties" for $4.50.

For the "12 best" see end of catalogue.

25 "PRIZE VARIETIES" POMPONE CHRYSANTHEMUNS—Small-Flowering.

**Atala.** Rosy lilac.

**Aurora.** Deep orange.

**Boule Blanche.** Globe-shaped; white.

**Boule de Neige.** White, yellow centre.

**Canrobert.** Beautiful yellow.

**Chamelecon.** Pink, white and orange.

**Cinderella.** Pure white.

**Epaminondas.** Pinkish rose, white centre.

**Golden Aurora.** Bright yellow.

**Golden Crest.** Rich, dark yellow.

**Golden Eagle.** Pink and yellow.

**Innocence.** Pure white, full and fine.

**Le Brazier.** Deep brown.

**Madame Poiage.** Pink, fine form.

**Mignonette.** Deep purple.

**Amphilla.** Scarlet-crimson.

**Anna de Bococco.** Canary white.

**Mrs. Campbell.** Pink, white, full and fine.

**Prince Albert of Prussia.** White; ambréated.

**Réambeuse.** Carmine and white.

**Zebra.** Pink, yellow and white.

**Erdmann Chardain.** Purple; red tipped.

**Model of Perfection.** Lilac and yellow.

**La France.** Blush.

25 cts. each; $2.25 per doz. Set of 25 for $4.50, or full "prize" collection of 75 distinct sorts, Large, Japanese and Pompone, for $15.00.

For the "12 best" see end of catalogue.

COCKSCOMB. (Celosia.)

(CoCKSCOMB.)

(READY IN MAY.)

The cut represents a good type of this handsome annual. We offer a very fine strain of the brightest shades of crimson and of the largest size, the flower or comb often attaining a length of 2 feet from tip to tip, with a breadth of from 6 to 8 inches. (See Cut.) 15 cts. each; $1.50 per doz.
CESTRUM. (Night-Blooming Jessamine.)
C. Aurantiacum. Orange flowers, very fragrant.
C. Laurifolium. Pure white, very fragrant.
$6.00 each; 30 cts. each; $3.00 per doz. 2 varieties, 50 cts.

COWSLIP AND PRIMROSE. (Primula Veris and Elatior.)
Favorite early spring-flowering plants. Colors all shades of crimson, maroon, yellow, orange, etc.; deliciously fragrant. (See Cut.)
15 cts. each; $1.50 per doz.

COLEUS
Are now deservedly popular plants. Whether grown as individual plants for house culture or for massing in ribbon line planting, hardly anything is so desirable. We have cut down our list of varieties greatly this season, retaining only the best.
Beppo. Bright golden-yellow, centre red.
Chameleon. Purple, rose and green; novel.
Multicolor. Maroon and crimson.
Model. Bronze, golden edge.
M. J. Linden. Crimson, broadly banded yellow.
Oriole. Finest yellow.
Pieta. Marbled yellow, maroon and crimson.
Excellent. Deep maroon netted with green.
Hero. Chocolate maroon. 10 cts.
Fascination. Pink and bronze.
Kentish Fire. (See page 83) 30 cts.
Nonesuch. Crimson, tipped yellow. 10 cts.
15 cts. each; $1.25 per doz., except where noted. Set 15 sorts, $8.00.
For newer sorts, see page 83. For “12 best” see end of catalogue.

COLEUS, BEDDING.
We select of those contrasting colors, best suited for ribbon lines or for massing.
Verschaffelii. The old, well-known brown-crimson sort.
Nonesuch. Crimson-edged gold.
Hero. Deep maroon, almost black.
Rutteremp. Best dwarf yellow.
10 cts. each; $1.00 per doz. Per 100, $8.00.

CINERARIA HYBRIDA.
This is the winter or spring-flowering species, hybrids of which are among the most gorgeous of our greenhouse plants; the colors range through all the shades of blue, violet, crimson, pink, maroon and white. (See Cut.)
30 cts. each; $1.00 per doz.

CONVOLVULUS MAURITANICUS.
A beautiful, blue-flowering, trailing plant, very effective when grown in baskets, giving it a most graceful appearance; the flowers are borne freely, color bright blue, two inches in diameter. It is perfectly hardy.
30 cts. each; $3.00 per doz.

CROTONS.
Plants which, from their beautiful leaf variegations, demand a place in every collection of hot-house plants. For new varieties, see page 81.
Croton Interruptum.
Irregularare.
'Gallicolium.'
'Maxime.'
'Multicolor.'
'Discali.'
'Undulatum.'
'Volturn.'
Croton Pictum.
'Elatior.'
'Acubrefolia.'
'Cornuttum.'
'Hismarek.'
'Veginya.'
'Ven'ich.'

CROEBA SCANDENS.

COEBA SCANDENS.
Handsome, free-flowering, climbing plants, growing rapidly, with large, bell-shaped, purple flowers. One of the best summer climbers. (See Cut.)
30 cts. each; $3.00 per doz.

CYPERUS ALTERNIFOLIUS.
(The Egyptian Paper Plant.)
A grass-like plant, throwing up stems to the height of two feet, surmounted at the top by a cluster or whorl of leaves, diverging horizontally, giving the plant a very curious appearance. Excellent for the centres of baskets, vases of Wardian cases, or as a water plant.
30 cts. each; $3.00 per doz.

CYCLAMEN PERSICUM.

CYCLAMEN PERSICUM.
A fine, ornamental, greenhouse plant; its flowers, as a variety in the formation of bouquets and baskets of cut flowers, in winter, are valuable; color white, spotted crimson, etc. (See Cut.)
Large plants, 50 cts. each; $6.00 per doz. Smaller, 30 cts. each; $3.00 per doz.
DAPHNE ODRORATA.
An old greenhouse plant; always scarce. It is evergreen, growing to a height of 3 feet, with clusters of small, pinkish white flowers, exquisitely fragrant.
60 cts. each; $6.00 per doz.

"PRIZE" DAHLIAS—Large Flowering.
From our extensive collection of large-flowering Dahlias we have selected the finest and most distinct, which we have named as above, for the reason that it was with these varieties that we have taken first premium wherever we have exhibited. Our collection comprises every shade of color and marking. Strong plants ready in May; dry roots ready now.
Adeline. Mauve, purple tip.
Annette. Lilac, splashed carmine.
Anne Neville. Pure white; extra fine.
Andrew Dodd. Crimson-maron.
Autumn Glow. Orange-yellow.
Barmaid. White, salmon tipped.
Beauty. Blush white.
Belie de Bamb. Deep pink.
Black Knight. Very dark crimson.
Dandy. Blush, striped crimson.
Duchess of Cambridge. Blush, crimson tip.
Flora. Magenta shade.
Flamingo. Deep vermillion-scarlet.
Firefly. Bright crimson.
Graffiti. White, splashed purple.
Harrington. Scarlet, splashed orange.
Hector. Cherry red.
John Standish. Vermilion.
Le Care. Brilliant scarlet.
Leah. Golden bronze.
Leader. Dark purple.
Lydia. Purple.
Martia. Yellow, tipped scarlet.
Mammouth. Large maroon.
Matchless. Lilac flaked maroon.
Miss King. Bright orange, white edge.
Miss Linth. Purple crimson.
Mrs. Piggott. Pearl white.
Mrs. Thompson. Straw color, flaked purple.
Oriole. Golden yellow.
Tom Green. Maroon, tipped white.
Vesta. Pure white; very fine.
25 cts. each: $2.25 per doz. Set of 32 "PRIZE" varieties for $60.00.
For "12 best" see end of catalogue. (For newer sorts see page 55.)

"PRIZE" DAHLIAS, Bouquet or Pomponne.
As in the case of the large-flowering varieties, we have cut down our list of small-flowering Dahlias to the very best sorts, which will include every style and color to be had in the class. Strong plants ready in May; dry roots ready now.
Alba Floribunda Nana. White; profuse.
Beauty. Blush, tinted violet.
Ben Hatler. Orange, crimson tipped.
Black Dwarf. Maroon black.
Bride of Roses. Light pink.
Crimson Beauty. Bright crimson.
Exquisite. Orange, scarlet edge.
German Boy. Amber yellow.
Gipsy. Crimson.
G. cr. "G." Straw color and white.
Jewell of Austerlitz. Fine scarlet.
Little Kate. Dark crimson.
Little Light. Light crimson.
Little Kildeman. Crimson and white.
Little Valentine.
Lurline. Light amber.
Marigold. Pure white.
Minnie. Amber, violet tip.
Nellie. Pearl, shaded to carmine.
Pearl. Pure white.
Sambo. Dark maroon.
Scraph. Buff, tipped orange.
Snowflake. Pure white.
Vava. Deep orange, shaded amber.
25 cts. each; $2.25 per doz. Set of 27 "PRIZE" varieties for $60.00.
For "12 best" see end of catalogue.
In addition to the two sets of "PRIZE" Dahlias, we have very many other varieties of both the large and small-flowering sections, comprising all of the fine varieties sent out of late years.
25 cts. each; $2.25 per doz.
Full Set of 100 varieties, including the "PRIZE" and "best" sorts, for $15.00.

DELPHINIUM NUDICAULE.
(Scarlet-Flowered Larkspur.)
A comparatively new species, and still scarce; growing to a height of 2 feet, with flowers borne on loose panicles of a bright shade of scarlet.
30 cts. each; $3.00 per doz.

DICENTRA SPECTABILIS.
One of our most ornamental spring-flowering perennial plants commonly known as "Bleeding Heart," with handsome Paeony-like foliage, and long, drooping racemes of bright pink and white heart-shaped flowers. This is deemed the finest of all hardy garden plants. (See Cut.)
30 cts. each; $3.00 per doz.

DRACAENA (Dragon Tree).
Beautiful ornamental-leaved plants, much used for centers of baskets, and in window boxes.
Hybrida. White, carmine and pink; magnificent. $1.00, $3.00 and $5.00 each.
Henderson. Green-streaked yellow and pink. $1.00, and $3.00 each.
Haageana. Green, of very distinct habit. $1.50 each.
Porphyrophylla. Very dark chocolate. $1.50 each.
Brazillensis. Large, green. $2.00 each.
Magnifica. Crimson, pink, and rose. $2.00 and $3.00 each.
Amabile. Green, tipped pink. $2.00.
Terminalis. Rich crimson foliage, marked with pink and white. 50 cts. to $2.00 each.
Indivisa. Green and bronze; narrow leaves. 50 cts. to $1.50 each.
Fragrans. Large green variety. $1.00 each.
Gulfootyli. Variegated white and green; handsome. $1.50 to $3.00 each.
Ferrera. Dark red; $1 to $2.00 each.
Veitchi. Narrow green leaves. 50 cts. to $1.00 each.
Set of 13, 1st size, $30.00.
21 size, 10.00.

ERIANTHUS RAVENNE ("American Pampas.")
This ornamental grass, when in full bloom, attains a height of from 0 to 3 feet, occasionally having over 50 flower spikes on one plant, in two or three seasons, from seed. It resembles the Pampas Grass, but blooms much more abundantly. And, with the advantage of being hardy, will prove a most desirable plant for the decoration of lawns. Seeds sown in our greenhouses last March produced plants which threw up flower-stems 4 feet in height by October. We have two plants in our grounds—ten years old—now 4 feet in diameter; the flower spikes grow 10 feet high, and are admired by all who see them.
25 cts. each; $2.25 per dozen.

ERYTHRINA CRISTA GALLI
(Coral Tree.)
A half-hardy shrub, growing about 4 feet in height, with neat cut foliage, the stems terminated with spikes of rich scarlet, pea-shaped flowers. Grows freely if planted in a warm situation. 30 cts. each; $3.00 per doz.

EUPHORBIA SPLENDES.
A continuous-blooming variety, densely covered on the stems with spines an inch in length, giving it a curious appearance; bright scarlet flowers, with a yellow centre; of great value for bouquets.
30 cts. each; $8.00 per doz. Larger plants, 30 cts. each; extra specimens, $2.00 each.
PETER HENDERSON'S PLANT CATALOGUE.

ECHEVERIA
A genus of succulent plants, both novel and interesting. They are useful either as pot plants for decorative purposes, or for bedding out in summer. Being natives of arid countries, they thrive best if planted in a dry situation, growing where most other plants would fail. (See Cut.)

Echeveria Metallica. $1.00.
" Rosacea. 50 cts.
" Secunda. 25 cts.
" Graciosa (See Cut). 35 cts. each; $2.25 per doz. $1.25 for set of six.

DWARF FEVERFEW
(Pyrethrum Parthenium.)
Quite an improvement on the old variety; the flowers are very large, pure white, double; the plant is of dwarf habit.
33 cts. each; $2.25 per doz.

FUCHSIAS—General Collection.
We never had our stock of Fuchsias in such fine shape as this year, both as regards quality of plants and excellence of varieties. Our collection contains some new varieties which we have never offered before. It will also be noticed that a large number of the kinds named have double white corollas. This will make the set all the more desirable, as that is a feature always most sought after in Fuchsias. The letter D or S placed after each variety, indicates whether it has a double or single corolla. D signifies double, and S single.

Aurora. Corolla orange-scarlet, sepals white; S.
Beauty of Sherwood. Corolla cherry, sepals white; S.
Brilliant. Corolla bright scarlet, sepals white; S.
Beacon. Rose, corolla violet; S.
Black Prince. Bell-shaped; fine; S.
Carl Hult. Corolla crimson; S.
Day Dream. Corolla maroon, sepals crimson; D.
Elin City. Double, buds forming large globular crimson-scarlet balls; D.
Gov. Baker. Corolla plum-color, sepals crimson; S.
Sunday. Foliage variegated white, pink and green; flowers plum color; D.
Vox Populi. Corolla pure white, very free-flowering; D.
Little Rose. Crimson tube and sepals, corolla purple.
Fred Neuner. Corolla white, semi-double, sepals coriaceous.
Mrs. Marshal. Corolla carmine, sepals white; S.
Meteor. Bronze leaves; very ornamental; S.
Prince Napoleon. Corolla purple, sepals waxy crimson; D.
Prince Imperial. Corolla purple, sepals recurved.
Regal. Golden foliage; S.
Speciosa. Corolla scarlet, two inches in length, sepals bluish; S.
Tower of London. Corolla double, violet blue, sepals crimson; D.
Wave of Life. Foliage yellow, corolla violet, sepals crimson; S.
Mrs. H. Cunnell. Fine double white corolla, with well reflexed scarlet sepals; D.
Grandiflora. Tube and sepals deep red, corolla purple; S.
Francis Debois. Corolla purple, sepals scarlet; D.
Snow Cloud. Corolla white, sepals rose-salmon; D.
Clipper. Violet maroon, sepals bright vermilion; S.

Prince of Wales. Corolla deep mauve, crimson sepals; D.
Deutchen Kaiser. Corolla clar, sepals bright salmon; distinct; D.
Compacta Superba. Crimson sepals, purple corolla; D.
Duchesse. A beautiful rose; S.
Theodore Couch. Corolla white, sepals waxy crimson; S.
Emily Lyle. Corolla violet carmine, sepals rose; S.
Duchess. Ruby corolla, sepals bluish; S.
Chern Hugo. Corolla deep violet, sepals scarlet; D.
30 cts. each; $3.00 per doz. Set of 48 for $5.00.

FERNS.
These beautiful plants are now very generally cultivated; their graceful form and great beauty of foliage makes them much valued as plants for Wardian cases, Ferneries, or for growing in shaded greenhouses or rooms.

Argyrea. Bright green netted with silvery-white; S.
Gigantea. Coloring like the two following sorts, but of stronger growth.
Pearl, green netted with pink and red.
Verses Scroful. Reticulated with red, passing into crimson.
30 cts. each; $3.00 per doz. Set of 4, $1.00.

FANCY OR SHOW PELARGONIUMS.
We have selected a set of 18 as the very best, giving all the variety of coloring found in the class. We do not describe them, as the markings and shades are so varied that no description can give a proper idea of what they are.

The Beauty of Oxton. $9.00.
Charles X. $9.00.
Hebe the Beautiful. $9.00.
Hornet. $9.00.
M. Bull. $9.00.
M. Glevitsky. $9.00.

GRAPTOPHYLLUM PICTUM.
" Caricature Plant.
This gets its name from the grotesque caricatures of the human face, which can be seen in the variegation. It makes a pretty basket or pot plant, its leaves being showily blotched in the centre with yellow.
30 cts. each; $5.00 per doz.
GOLD AND SILVER TRICOLOR GERANIUMS.

(Snearer Sorts.)

Avalanche. A white-flowered variety; leaves green, bordered with purple white.
Countess of Warwick. White and green, irregularly banded with carmine.
Mrs. Clutton. Rich crimson zone, a strong grower, and very effective.
Imperatrice Eugenie. Leaf dark green, creamy white margin.
Waltham Pride. White flowers, very dwarf.
Bright Star. Margin very white, well-formed scarlet flowers.
Glen Eyre Beauty. Carmine, white and green.
Little Pet. Margined creamy white, banded with dark bronze and carmine.
Maietta. Irregularly bordered with carmine and chocolate.
Of the Golden Tricolors we name Ebor, Lady Cultum, Emperor, Crown Jewel, Sunset, Sophia, and Edwin.

30 cts. each. A full set of 16 varieties for $4.00.

GERANIUMS, GOLDEN BRONZE.

This class of Geraniums is admirable for bedding purposes, growing vigorously, succeeding best and assuming their brightest colors during the heat of summer. They not only have attractive foliage, but the beauty and variety of the flowers add additional value to them.

Arthur Wells. Bronze and crimson; flowers scarlet.
Beauty of Oulton. Yellowish-green and maroon.
Black Hawk. Dark brown zone, on yellow ground.
Bronze Model. Light brown, dark disc.
Bronze Quecu. Brown, dark zone; flowers scarlet.
Black Douglas. Yellow, chocolate zone; extra.
Beauty of Canterbury. One of the best bronze.
Batttler's Park Gem. Golden and green; flowers scarlet.
Glowworm. Yellow ground, chocolate zone.
Perilla. Chocolate zone, yellow edges.
Marsial McMahon Golden yellow, chocolate ring.

30 cts. each; $3.00 per doz. Set of 11 sorts. $2.50.

GRASSES—ORNAMENTAL LEAVED.

Hardy.

Admirably adapted for massing in flower beds, and some of them are among the most graceful plants that can be used for hanging baskets or vases.

Acorus Variegatus. Leaves glossy green and white.
Aira Carelea Var. Of erect and graceful habit; flower stems tall above the foliage.
Arundo Donax Variegata. 50 cts.
Cyperus Alternanthera. 50 cts.
Erlanthus Ravennae. (See Page 40.)
Paniceum Plicatum Fol. Var. Attains a height of 2 to 3 ft., leaves streaked carmine and green.
Isolopes Ischael. Light green, wiry leaves; for baskets.
Gynnerium Argenteum. (Pampas Grass) (See Special Description.) 60 cts.
Platuris Arundinae Picra. Var. ribbon grass.
Bambusa Japanica. Low growing, for aquarimus, etc.
Eutalia Japonica Var. 50 cts. (See Page 86.)
Eutalia Japonica Zebrina. (See Page 86.) $1.00 to $3.00 each.

30 cts. each; $3.00 per doz., except where noted. Set of 15 for $4.50.

DIANTHUS QUERTERI (German Pink).

This beautiful pink is yet scarce. Few plants we cultivate possess so many points of excellence; it grows to the height of a foot, flowers rich purplish crimson, 2 in. in diameter, double, and well formed; it blooms without intermission from June to January, and is an exceedingly useful plant for bouquets; clove scented.

30 cts. each; $3.00 per doz.

SCENTED GERANIUM, "Mrs. Taylor." (Scarlet-flowered Rose).

A distinct variety of the Scented Geranium, with a strong rose fragrance, and large, deep scarlet flowers of the Hybrid Perpetual class. Combining, as it does, free-flowing qualities with fragrant foliage, it is very useful for summer cut-flowers, and as a pot-plant for winter cannot be surpassed.

30 cts. each; $8.00 per doz.

DOUBLE GERANIUMS—General Collection.

The newer varieties of the Double, or rather Semi-Dou-ble, Geraniums have now nearly all the compact habits and flower qualities of the single, with the advantage of their double flower, being well adapted for bouquet purposes. Geranium is now embraced almost every variety worth cultivating, having been culled of all inferior kinds.

Admiration. Rose.
Asa Gray. Leaves; dwarf.
Bishop Wood. Scarlet, tinted magenta.
Brilliant. Blood red.
Bridal Bouquet. White.
Casimir Perrier. Orange-scarlet.
Deputy Varun. Rich pink; base of petals white; semi-double.
François Portusati. White, salmon centre.
George Sand. White, tinted.
Illuminator. Bright crimson.
Jennie Reid. Crimson.
L'Anne Terrible. Blazing scarlet.
La Canopee. Flesh-white; semi-double.
Naouli. Fine deep pink.
Speculum. Blackish-carmine.
Schiltlant. Semi-double; brilliant scarlet.
Simon Deleur. Light scarlet.
Venus. White.
Wilfred. Double white.
Wonderful. Brilliant scarlet.

25 cts. each; $2.25 per doz. Set of 25 sorts for $4.50.

GLOXINIAS.

These are among the handsomest of our summer-blooming greenhouse plants, the rich and varied coloring of the flowers being beautiful in the extreme; flowers 2 in. long by 1½ in. diameter; upright and pendulous kind; colors crimson, violet, rose, scarlet, white, etc. The bulbs should be started in spring, and after blooming all summer, require a season of rest. This can be done by gradually withholding water from them. After they are dried off, they may be kept in a warm, dry cellar or under the stage of a greenhouse. (See Cut.)

50 cts. each; $4.50 per doz.

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50 cts. each; $4.50 per doz.
GERANIUMS ZONALE.—General Collection.

This class of plants, having proved so admirably adapted for bedding purposes in our hot and dry summers, is now cultivated in larger quantities than any other plant, with the exception of the Verbenas. A bed of Geraniums, consisting of nearly a hundred varieties, was one of the finest sights in our grounds last season. Below will be found a list comprising old standard varieties, and embracing many of the newer and finer sorts of our late importations.

Andissot Passquar. Carmine pink.
Blue Gem. Pink, tinted violet; base of petals white; dwarf, very unique.
Eckman Chatrain. Dark blood red.
New Life. Scarlet and white striped.
Pauline Lucea. Best white.
Buchartlon. Salmon, striped white; dwarf habit.
Dazzler. Intense scarlet, large white eye.
Gen. Chanzay. Solferino; base of upper petals white; dwarf.
Mills. E. Bellot. Salmon-scarlet; large truss; free bloomer.
P. L. Couvier. Orange-scarlet; large truss; fine, free bloomer.
Renomme. Salmon, veined carmine; half dwarf.
Voltaire. Rich scarlet; large floret.
W. R. Harris. Dwarf, Peachblow.
Nelson. Violet carmine.
Bertha Fones. Bright salmon.
Bridge. White, pink-stemmed.
Bridal Beauty. Deep salmon.
Corsair. Scarlet.
Diana. Scarlet-vermilion.
Dictator. White, salmon centre.
Gen. Grant. Bright scarlet.
Henon. Magenta-crimson; novel.
Louis Veulliot. Salmon-carmine; dark.
Harry King. Dwarf, scarlet.
Beauty of Kings. White, salmon centre.
Countess de Courcy. Pink.
Guinea. Orange-scarlet.
Jean Sisley. Dazzling scarlet; white eye.
Mons. Crouse. Salmon and white.
Cardinal Patrizzi. Blush.
Darwin. Purplish.
Minnelaha. Rose and white.
Octavia. Scarlet.
Purple Prince.
Princess Maud. Pale scarlet.
Santley. Soft orange-scarlet.
Master Christie. Deep, clear pink.
Peacock. Bright magenta.
Sir J. Moore. Clear, bright scarlet; white eye.
Snowflake. Pure white.

25 cts. each, $2.25 per doz. Set of 47 sorts for $30.00.
Full set, 88 Double and Single Geraniums, new and old, including the 12 best of both Double and Single varieties, for $15.00.

GERANIUMS, SILVER-LEAVED.

The following varieties are among the best for bedding purposes, keeping their beautiful markings during the hottest and driest weather, most of them possessing as vigorous a growth as the common Zonale varieties. The flowers, also, add additional beauty. They are, like all other variegated Geraniums, excellent for parterre or greenhouse culture.

Alma. Dark green, margined silver.
Argus. Chocolate, white and green.
Bijou. Bright magenta.
Sir J. Moore. Clear, bright scarlet; white eye.
Cherub. Deep green, white and orange; flowers carmine.
Flower of Spring. Leaves margined creamy white; flowers scarlet.
Fontainebleau. Green, zoned black; margin, sulphur-white; outer margin margined white.
Italia Unita. Carmine, zoned white and green; flowers carmine.
Janet. Disc of leaf, bright green; pure white margin.
Mountain of Snow. (See special description.)
Queen of November. Bronze, pink, and white.
Queen of May. White, green, bronze, and pink.
Silver Pendant. Green and white, carmine band.
Stella. Green, dark zone, bordered bronze and silverly white.

35 cts. each. $2.25 per set of 15 sorts.

GERANIUM, LADY PLYMOUTH.

GERANIUM, Lady Plymouth.

GERANIUM, VARIEGATED, ROSE-SCENTED.

A variegated variety of the Rose Geranium; fragrance the same as in the parent variety; leaves fringed with creamy white, sometimes assuming a pinkish tinge, which gives a unique and interesting appearance to the plant.

35 cts. each; $3.00 per doz.

GERANIUMS, SCENTED.

Apple. 30 cts.
Blandfordianum. 30 cts.
Citron. 30 cts.
Dr. Livingston. 30 cts.
Lemon. 30 cts.
President Thiers. 30 cts.
London Blue. 30 cts.
Little Pet. 30 cts.

25 cts. each, except where noted. Set of 18 sorts, $3.00.

GERANIUM, "Mountain of Snow."

We have experimented with a large number of varieties of variegated Geraniums, with a view to developing those having the best qualities for bedding purposes. This sort we find to possess a vigorous growth, an abundant bloomer, and, for ribbon lines or masses, is one of the best. The centre of the leaf is bright green, the outer margin broadly marked with silverly white. One of the whitest-leafed sorts; flowers bright scarlet.

25 cts. each; $2.25 per doz.

GLADIOLUS, FRENCH HYBRID.

Our collection is very select, embracing about thirty distinct sorts. Gladioli, by planting every two weeks (from first of May to first of June), will give a succession of bloom from July until November. The bulbs are of the easiet care, never failing to bloom. Our prices this season, owing to the large stock we hold, are much reduced. They are now so low that beds exclusively of Gladioli may be planted at small cost.

25 cts. each; $2.25 per doz. 50 choice flowering bulbs, in 5 named sorts, $7.00.

100 choice flowering bulbs, in 5 named sorts, $12.00.

The same, unnamed, 10 cts. each; $1.00 per doz.; $6.00 per 100.
GENERAL COLLECTION.

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IVY GERANIUM, "L'ELEGANTE."

GERANIUMS, IVY-LEAVED.

Although the foliage of this class is of sufficient interest to warrant its cultivation, yet the value is greatly enhanced by the beauty and profusion of its flowers during the spring and summer months, running through the various shades of white, pink and crimson. The list below is selected as giving the widest range of color. They are well adapted for rock-work or vases, and for drooping over baskets, or trained on trellises, are unsurpassed; few plants give more satisfaction for house culture, as they may be trained on trellises in any shape desired.

Bridal Wreath. Flowers pure white.
Butterfly. White, spotted rose.
Diadem. Deep carmine.
Elegans. Rose and white.
Elegans Variegatum. Variegated foliage; 40 cts.
Fair Yells. Violet and white.
Holly Wreath. Leaves blotched white; 40 cts.
I innocence. Pure white, in large trusses.
L'Elegante. Variegated; 30 cts. (See Cut.)
Princess Alexander. Pink.
Princess Thyra. White and pink.
Remarkable. Rose and white; upright habit.
Speciosus. White ground, violet spotted.
Wilsii. Neat, erect habit, magenta.

20 cts. each, except where noted: $2.00 per doz.

Full set of 15 sorts: $2.25.

(For new sorts see Page 89.)

HARDY HERBACEOUS PLANTS.

The following list contains those not named elsewhere in this Catalogue. They comprise some old, well-known plants, but of considerable merit. They are grown in pots, and can be transplanted at any time.

Achillea Millefolium Rubra. Flowers bright red; 2 feet.

" Partheniaca, f. pl. Pure white, double, continuing in bloom most of the season.
Asperula Odorata. Very small, white flowers, in loose sprays; useful for bouquets; fragrant.
Armeria Elegans. Narrow, green leaves, bright red flowers, valuable for edgings; 6 inches.
Balsam. Gold and silver leaves emitting an agreeable fragrance; are good for city gardens.
Hemeronculus Humboldtii. (Day Lily.) Leaves hand-somely marked with pure white; does best in shade.

" Sichardiana. (Day Lily.) Leaves margined white, flowers purple; shady places.
" Fulva. Common orange-dotted Day Lily.
Yberis Sempervirens. (Perennial Candytuft.) Dark green, narrow leaves, with white flowers.
Lychnis Chalcedonica. Scarlet; 1 foot.

Lobelia Cardinalis. Purple.
Orchis Venusta. Pea-shaped flowers, purple, neat habit; 1 foot.
Pulmonaria Coccinea Var. Long, broad leaves, spotted with silverly white; flowers showy blue.
Polemonium Reptans. Clusters of bright blue flowers; 1 foot.
Potentilla, (Cinquefoil.) Two sorts. Leaves resem- bla the strawberry.
Spiraea Fillipendula. White, feathery spikes; 1½ feet in height.
" Ulmaria. Flowers white; 2 feet.
Salvia Ordinalis, Alba and Cornuca. Flowers white and blue; rather coarse-growing plants.
Stachys officinalis. Leaves downy white alo.
Tricyrtis Grandiflora. A beautiful, hardyaceous plant blooming during October and November.
Veronica Incompta. Growing six inches in height, leaves grayish white; used for edgings.
" Reppen. White flowers, creeping, partly evergreen; 1 foot. 30 cts. each: $3.00 per doz. Set of 22 sorts of hardy hardy-
caceous plants. $4.50.

HARDY SHRUBS.

Of the following named varieties; large plants:
Calceolaria Floribunda. Spirea Prunifolia.
Forsythia Intermedia. Spirea Salicifolia.
Spirea Recesii. Spirea Thunbergia.
Miyax Japonica.

60 cts. each. Set of 7 for $3.00.

HABROTHAMNUS.

Coccineus. A bright scarlet variety of this winter-
flowering plant, bearing a profusion of bright, scarlet, lace-like flowers.

Elegans. Flowers, bright carmine, borne profusely in drooping panicles; a first-rate winter-blooming plant.
35 cts. each: $2.25 per doz.

HELIOTROPES.

Caroline des Antoines. Lilac blue.
Cardinal Richelieu. Lavender.
Caribaldi. Almost white.
Le Gentil. Very light; large.
Reptans Major. Lavender and white.
Mignonne. Lilac.
Beauty of Bordeaux. Lavender.
B. Pfitzer. Lavender-rose, shaded.
Incomparable. Light; very fragrant.
Florence Nightingale. Light lavender.
Beauty of Onslow. Lilac-blue.
General Vanhoutte. Light lavender.
Madam Facion Val. Blush-violet.
Le Negre. Very dark.
Mrs. Burgess. Dark violet.
Maculata. Purple, white spot.
Snow Wreath. (See Page 6.) 25 cts.
15 cts. each; $1.50 per doz. Set of 19 sorts, for $2.25.

HETEROCENTRON ALBUM.

A pretty, free-flowering, shrubby plant, covered along the stems in the fall, with white flowers; the reverse of the petals tinged pink during summer and fall; is an excellent winter-blooming plant.
30 cts. each: $3.00 per doz.

HIBISCUS, (Chinese.)

These plants are becoming very popular as bedding plants. They are largely used in the Botanic Gardens at Washington for this purpose, and of late years have attracted a great deal of attention; they are almost continually in bloom.

Hibiscus Rosa Sinensis. Single red.
" " Aurantiaca f. pl. Double orange.
" " Rosa Sinensis Cooperi. Foliage variegated, white, green and pink.
" " Rosa Sinensis Rubra f. pl. Double red.
" " Rosa Sinensis Versicolor. Striped crimson, rose and white.
" " Rosa Sinensis Grandiflora. Rosy crimson, flowers towards the centre. Very large.
30 cts. each. Set of 6 for $1.50. For newer sorts, see page 91.

DOUBLE HOLLYHOCK.

We offer a fine and varied assortment of this showy plant, ranging through all the shades of yellow, crimson, orange, violet, blue, and white. Of the Double White variety we have a very fine strain, which is largely used in summer for cut flower work.
25 cts. each: $2.25 per doz.
HYDRANGEA.

Imperatrice Eugenie. Large heads of white flowers, tinged blue, made in the rare repeat bloom. Lindleyi, a new species, introduced from Japan, with small heads of bright pink flowers. Rosea, Pink. Otaksa. Similar in color to the common "H. Horten-
ski," but much larger. Blooms when the plants are quite small, the stems terminated with large panicles of rose-carmine flowers.

Hortensia. The old, hardy variety, of great merit; growing about two feet in height; flowers pink, changing to blue-purple.


New Climbing. (See Novelties.) $1.00 each. 50 cts. each, except where noted. Set of 10 varieties, for $1.00.

HYDRANGEA PANICULATA GRANDIFLORA. (Syn. H. Deutzefolia.) One of the finest hardy shrubs in cultivation; the flowers are formed in large, white panicles of six to twelve inches in length. The shrub grows to a height and breadth of four or five feet, and as the flowers slightly droop, few plants have the grace and beauty presented by this magnificent shrub; for cemetery decorations it has no equal. Continues in flower from August to November.

For extra large stock plants, $1.00 each, or 25 cts. each; 50 size, 50 cts. each; 4th size, 25 cts. each.

HYDRANGEA JAPONICA VARIEGATA. This, although a hardy plant, is excellent for greenhouse decoration during the summer. It is more especially suited for indoor use, as the leaves burn on full exposure to our hot midsummer suns, but when planted in a half shaded situation will do well. The leaves are deep green, marked with pure white.

25 cts. each; $1.50 per doz.

IVIES, ENGLISH, (Hedera Helix). Well-known hardy creeping or climbing plants.

25 cts. each; $2.25 per doz.

IVY, GERMAN, or Parlor, (Senecio Scandens.) A rapid-crawling, climbing plant, with yellow flowers; well adapted for covering trellis-work quickly, or as a house plant in winter; leaves glossy green.

25 cts. each; $2.25 per doz.


JASMINUM GRANDIFLORUM. (Catalonian Jessamine.) A valuable winter-flowering plant, either for parlor or greenhouse; blooming without interruption from October to May. The flowers are pure white; most deliciously fragrant.

25 cts. each; $2.25 per doz.

JASMINUM REVOLUTUM. A yellow-flowered Jessamine, growing rapidly to the height of from ten to twenty feet. A splendid plant for the southern States, as it is hardy south of Maryland. Very fragrant.

25 cts. each; $2.25 per doz.

JESSAMINE, CAPE, (Gardenia Florida.) Flowers white, shaped like miniature camellias; deliciously fragrant.

Strong plants, 50 cts. each; $1.50 per doz. Smaller plants, 50 cts. each; $2.25 per doz.

For newer sorts, see page 31.

JUSTICA COOPERI. A neat, variegated-leaved plant, with bright carmine and white flowers. Blooms during the spring and winter months.

30 cts. each; $2.50 per doz.

JUSTICA BICOLOR. This plant is in bloom nearly all the year. The flowers are star-shaped, white tipped, crimson-maroon, resembling some species of the orchids.

25 cts. each; $2.25 per doz.

LINUM FLAVUM. A plant of the flax order, of extremely neat habit; growing about one foot in height, with flowers of pure yellow, nearly two inches in diameter, and almost covering the plant with its full bloom.

25 cts. each; $2.25 per doz.

KLEINA REPENS. A succulent plant, with long, fleshy glaucous, upright green leaves; used as a basket plant or for bedding with other succulents.

30 cts. each; $3.00 per doz.

KONIGA MARITIMA VARIEGATA. (Var. Sweet Alyssum.) This is one of our most useful variegated plants. The white of the foliage predominates over the green, making the plant in the summer season one of the very best we have for massing or in ribbon lines, in contrast with dark foliage. It is also excellent for baskets, and as it blooms freely in winter, its sweet scented white flowers are much used for bouquets.

20 cts. each; $2.25 per doz.

LILYM OF THE VALLEY, (Convallaria Majalis). This beautiful little plant is extensively grown for forcing in the winter and early spring months, the pendulous grace of its white flower spike being much prized in the construction of the most valuable baskets and bouquets. It is entirely hardy, preferring a position slightly shaded. (See Cat.)

25 cts. each; $2.25 per doz.; 15.00 per 100.

LILIUMS.—In Variety.

Seldom, on the introduction of a class of plants, has so much interest been taken as in the case of the Japan Lily. So popular have they become, that where we annually sold hundreds a few years ago, we now sell thousands. The Liliums are entirely hardy, and many of them are fragrant. The coloring of some of the Japan varieties—crimson on white or rose grounds—is beautiful in the extreme. "Lilium Auratum." Fine bulbs. 75 cts. each; $1.50 per doz.

Candidum. Pure white. 25 cts. each; $2.50 per doz.

Lancifolium Rubrum. Red spotted. 25 cts. each, $2.50 per doz.

Roseum. Rose spotted. 25 cts. each; $2.50 per doz.

Lilium, Trumpet-shape; white. 15 cts. each; $1.50 per doz.
LANTANAS—General Collection.

We have for some years blooming plants that afford a greater variety of colors than the Lantana. It is a little better known, and the leaves are becoming more extensively cultivated, so that it ranks as one of the most important plants that we grow. The varieties named below have been selected from our imports of the last few years as the most distinct.

Adolphe Avas. Canary; dark centre.
Alba. White.
Alba Lutea Grandiflora. White; yellow centre.
Alba Perlata. Pure white; very fine.
Aurantiaca. Bright orange.
Clotilda. Pink; yellow centre.
C. De Tourney. Pink and straw color.
Duchatissina. Deep Lilac.
Don Calvin. Orange.
Eugenie. Rose and white.
Flora. Orange and pink.
Fulgens. Yellow and orange.
Flava Lilacina. Lilac and orange.
Filaviana. Canary.
Grand Sultan. Purple and yellow.
Hendersoii. Rose; white centre.
King of Roses. Scarlet and orange.
Lennau. Orange and carmine.
Lisa Einger. Straw color; dwarf and profuse.
Magnus. Large; white-yellow centre.
Marcella. Lilac rose, changing to yellow.
M. Porcher. Rose and salmon shaded.
Moufleck. Crimson; compact habit.
Mysticus. Majestic; Orange and red.
M. Caillrotte. Orange red; yellow centre.
M. Haste. Rose and orange.
Rapido Rose and rose.
Rubra Lutea. Red and yellow.
Splendid. Purple red.
Triumph. Dark orange.
Victoria. White; lemon centre.

For “12 best” see end of catalogue.

MARANTAS.

The markings of the leaves of some of the newer sorts of these plants are handsome in the extreme, as decorative plants, grown for specimens in the conservatory, they are exceptionally fine, being well adapted for that purpose.

Discolor. Large leaves, under side purplish-crimson, upper side three distinct shades of green. $1.00 each.
Sanguinea. Dark green, silver midrib, under side dark crimson. 30 cts. each.
Amabile. Green leaf, prettily marked in the centre with a silver blotch. 75 cts. each.
Van den Heckeii. Under surface bronze, upper green, blotted, silver in the centre, and banded with silver near the edge. 50 cts. each.
Zeboria. Large velvety-looking leaves, dark green, marked pen green. 50 cts. each.
Mackayana. Green, beautifully marked with silvery white; under side dark charlet color. Very fine. $1.00 each.
Ornata. Light yellow, marked green. 30 cts. each.
Portulacea. Very large; bright green; leaves streaked silver and green. $1.00 each.
Prinsep. Very large; marked green, yellow, and crimson. 75 cts. each.
Pulchella. Light green, striped with chocolate. 30 cts. each.
Veltichi. Dark green, banded near the edge with a narrow rim of pure white; new. $1.00 each.

MESEMBRYANTHEMUM CORDIFOLIUM VARIEGATUM. (Variegated Ice Plant.)

Valuable for baskets or vases, as the succulent character enables it to stand our hot and dry weather admirably. The variegation of the leaves, white and green, is very distinct, and the star-like white flowers contrast finely with the creamy-white foliage. This plant is considered one of the finest for front ribbon lines, and is used in immense quantities in Paterson Parks and other public grounds about London.

25 cts. each; $2.25 per doz.

MESEMBRYANTHEMUM, (“Wax Pink.”)

These are valuable, from their peculiar nature, for planting on dry, barren ground. They grow and do well where other plants would fail. The foliage is fleshy, succulent; the flowers bright and attractive. Are desirable vase plants.

Aurantiacum. Dark orange.
Cordifolium. Pink.

Cordifolium Variegatum. (See Special Description.)
ortaneum. Deep violet pink.
Blandum. White.
Euphyllum. Pink.
Nidulum. White.

25 cts. each; $2.25 per doz. Seven sorts for $1.35.

MYRSIPHYNULM ASPARAGOIDES.—SMILAX.

MYRSIPHYLUM ASPARAGOIDES.

(Smilax.)

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage, and its peculiar way of formation renders it one of the most valuable of all plants for vases or hanging baskets, as it can be used either as a Plumb or to grow, as required. In cut flowers, particularly for wreaths, it is now considered indispensable by all florists. Its hard texture enables it to keep without wilting for several days after being cut. Its cultivation has now become a specialty in every large city, greenhouses being devoted solely to its cultivation. For a parlor or window plant it is indispensable. (See Cult.)

25 cts. each; $2.25 per doz.; $15.00 per hundred.

PAMPAS GRASS, (Gynernium Argenteum.)

A stately species of grass from South America, growing six feet in height, with plumes of yellowish white, one to two feet in length; it looks best as a single specimen. As it is not quite hardy North, it requires protection of eight or ten inches of leaves round the roots, or it can be removed to the cellar, and replanted in spring.

The plants we offer this season are all certain to flower—the “flower” is the “California Pampas Plume,” now so much used when dry for decorative purposes.

30 cts. each; $3.00 per doz. Larger size, 50 cts. each; $4.50 per doz.

PAMPAS GRASS, (Newer Sorts.)

Gynernium Argenteum Bartonii.
—— Violacea.
—— Variegata.
—— Pendula.

Price 75 cts. each; set of 5 for $2.50.
WHITE CRAPE MYRTLE, (Lagerstramia Indica Alba.)

A white-flowering variety of this beautiful shrub. Hardly in the Southern States, but when grown in the North should be kept in pots, or tubs, and put in a dry cellar in winter.

50 cts. each; $4.00 per dozen.

PALMS.

We now grow in large quantities a great many varieties of this popular family. Our list of varieties this year is much greater than ever before, and our prices lower, quality of plants and scarcity of varieties considered. The Palm house is now one of the most attractive of our establishments. The Diones and Cyces are not of the order Palms but we include them here.

Dion Edule. Quite similar to the Sago Palm. $1.00 to $3.00 each.

Corypha Australis. A splendid robust grower. $1.00 to $2.00 each.

Salal Adamsii. $1.00 to $2.00 each.

Blackburniana. 50 cts. each.

Scaphorthia Elegans. Very fine. $1.00 to $2.00 each.

Caryota Urca. 50 cts. to $3.00 each.

Chamaerops Humilis. $1.00 each.

Fortunii. $1.50 each.

Excelsa. $1.00 each.

Latania Borbonica. This Palm is too well-known to need any description; its strong constitution and other general characteristics, render it one of the most easily grown, 50c. to $3.00 each.

Brahea Filamentosa. (Thready Palm.) $1.00 each.

Oroedoxia Regia. (Royal Palm). 50c. to $2.00 each.

Cycas Recta. (Sago Palm). $1.00 to $3.00 each.

Medin. A scarce variety. $1.00 each.

Salal Speciosa. $1.00 to $2.00 each.

Areca Lucente. Very graceful. $2.00 to $5.00 each.

Lapid. $2.00 each.

Rubra. Profuse and fine. $1.50 to $6.00 each.

Cocos Weddeliana. (See page 82). $3.00 to $10.00 each.

Carludovica Palmata. (See page 82). 75c. to $1.50 each.

Phoenix Dactylifera. (Date Palm). 50c. each.

Reclusa. Fine specimens. $5.00 each.

Leonensis. "

Caricensis. "

Set 24 varieties, 1st size, $5.00.

24 2d " $3.00.

PASSIFLORA. (Passion Flower.)

These beautiful and interesting plants climb to a height of 20 or 30 feet if desired. "P. Correa" is hardy, with a slight protection, in this latitude — color varying in the different sorts — blue, crimson, white, etc.

Passiflora Pforrdi. Purple.

Correia. Blue.

Alba. White. 50 cts. each. (See Page 93).

Buiks Hardy. Blue; very abundant bloomer.

Laudonii. White; small.

Decasamine. Purple.

Alata. Blue and white.

Arenicul. (See page 82). 50 cts. each.

Smithii. (See page 82). 50 cts. each.

Set 30 cts. each, except where noted: $8.00 per dozen. Set of 9 sorts, $3.00.

PEPEROMIA.

Pretty, dwarf-growing plants, requiring partial shade and moisture; suitable for baskets, vases, terraries, etc.

Maculosa. Bright green, marked along the veins with grayish white.

Magnoliifolia. Leaves resemble the magnolia; bright green.

Verschaffeltii. Leaves marked with frosted white or silvery stripes. Splendid for the hot-house or Wardian case.

Resediflora. This plant bears tiny, spire-like spikes of white flowers at the apex of pink stems, the lower portions of which are clothed with small, velvety leaves.

26 cts. each; $8.00 per dozen.

PHYSIANTHUS ALbens.

A beautiful climber, flowering during the summer and fall months. It is of rapid growth; the flowers are pure white and fragrant, exceedingly useful for summer bouquets. The seed pods are as large as an orange, and very ornamental. It has been called the "Cruel Plant," owing to its flowers forming a trap, which catch butterflies and other insects.

25 cts. each; $2.25 per dozen.

TYPE OF LACED "PAISLEY" OR FLORIST PINK.

PINKS, FLORISTS.

These are dwarfer than the Carnation, growing about one foot in height, the colors being of the various shades of maroon, crimson, and rose, beautifully laced with white; flowers perfectly double, clove-scented; plant entirely hardy. The varieties embrace all shades and styles; indispensable for summer bouquets. (See Cut.)

25 cts. each; $2.25 per dozen. Set of 30 sorts, $5.00.

PINK, ALBA FIMBRIATA.

A double sort, of good form and substance; quite fragrant and extensively grown around New York for selling during the winter months. Like the rest of its class, it is excellent for summer bouquets. Flowers double, white, fringed, one inch in diameter; entirely hardy.

25 cts. each; $2.25 per dozen.

PINKS, "Summer Garden Varieties."

Comprising over a dozen distinct and beautiful varieties; colors white, crimson, rose, violet, maroon, etc., etc., exceedingly well adapted for summer bouquets; bloom from June to November.

15 cts. each; $1.50 per dozen.
GENERAL COLLECTION.

PYRETHRUM LACINIATUM. A cut-leaved variety of the well-known "Golden Fea- ther." Very neat and distinct. 15 cts. each; $1.50 per doz.

RHYNCODSPERMUM JASMINOIDES. A greenhouse climber with white Jasmine-like flowers. The flowers are produced in great clusters during the spring months, and have a fragrance almost unequalled. A good sized plant in bloom will take a large room. 75 cts. each; $6.00 per doz.

ROSES. The monthly, or ever-blooming sorts, undoubtedly, give better satisfaction than the Hybrid Perpetuals—flowering continually—but not being hardly north of Maryland, require more covering over during the winter than either the Hybrid Perpetuals or Climbers. The best of the ever-blooming sorts are such that when wanted for winter flowering, a covering of six inches of dry leaves or straw around the roots, but on in December, will preserve them through the winter in the Northern States; in most of the Southern States they will be hardy without covering. The varieties in heavy type are those grown principally in winter for forcing for cut flowers.

ROSES, MONTHLY or EVER-BLOOMING TEA. Our collection of ninety Roses contains many new and selected varieties never before selected as varieties having the greatest contrast in color, combining, at the same time, free-flowering qualities, either for summer or winter bloom. They are mostly Tea Roses, and are consequently ever-blooming. We may state that when not wanted for winter flowering, a covering of six inches of dry leaves or straw around the roots, but on in December, will preserve them through the winter in the Northern States; in most of the Southern States they will be hardy without covering. The varieties in heavy type are those grown principally in winter for forcing for cut flowers.

Stella. Light yellow.
Souvenir d'un Ami. Light blue.
Sour. de Malmaison. Flesh-color; extra; yellow Tea. Straw color.
Alba Rosa. Pink and white.
Aurora. Light flesh pink.
Belie Allemande. Large, bright pink.
Devonshire. Blush.
Mad. Rachel. Pure white.
Mad. de Bevercourt. Light canary.
Perfection de Moutplaisir. Large, bright yellow.
Valle du Chanois. Golden yellow and copper.
Bouquet de Marie. Deep rose, veined white.
Bougré. Deep rose, very double and fragrant.
Cels. Pale rose color.
Fairy Rose. Flowers size of a dime; carmine.
Freres Soupert et Notting Yellow, tinged rose; full and fragrant.
Geu. de Tartas. Deep carmine, large and double.
Gobelt. Bright rose-tinted buff.
La Sylphide. Cream, shaded pink.
Lady Warrender. White; fragrant.
La Chanoise. Coppery yellow.
Mad. Marie Eulalia. A fine rose; snow-white shaded lemon yellow.
Mad. Maurice. Delicate flesh color, very double; fragrant.
Mad. Camille. Very large buds; flesh color changing to salmon rose.
Mad. Alibert. Rosy peach color; exquisite fragrance.
Mad. de Vartry. Bright crimson scarlet; very sweet.
Mad. Folco. Apricot buff; very profuse.
Mad. de Tartas. Carmine; pointed bud.
Mad. de Narcisse. Pink.
Mad. Bray. Cream color; rose colored centre.
Mad. H. Jamin. Cup-shaped; white, shaded yellow and purple blended.
Marie Guillot. Pure white, golden centre; very sweet scent.
Mad. Babiano. Soft, rosy blush, reverse of petals; silverly white.
Pink Daily. Bright pink; very free bloomer.
Pres. D'olbeque. Bright, purplish crimson; fragrant and profuse.
Pauline Lebonte. Salmon rose, shaded amber.
Sour. de Paul Neron. White, tinged yellow and crimson; very fine.
Salphurea. Sulphur color; fine form.
Theresa Lott. Carmine red, shaded rose.
La Pucatole. Pale yellow; an old forcing variety.
1st size, 60c. each; $6.00 per doz., except where noted.
2d " 30c. " 3.00
" " " " " " " 2.00
Full set of 91 varieties, including the new varieties and the " 12 best."

ROSES, BEDDING. These are choice, healthy plants, grown in smaller pots than the preceding, and we can therefore sell them at much lower rates. Last year these same sized plants gave such general satisfaction that this season, we have grown them much more extensively. Most of the varieties of Roses named in the following list of Texas, Bourbon, and Bengal, are included in this selection. The kinds, however, must be of our own selection.

20 cts. each; $2.00 per doz. $15.00 per hundred.

Our selection of sorts only, but all named varieties of the finest sorts.

ROSES, BOURBON and BENGAL.

Agrippina. Bright crimson.
Appoline. Cupped Carmine.
Bean Carmine. Light crimson.
Cramoise Superior. Purple-pink crimson.
Duchesse de Brabant. French white.
Neviron. Pink; extra.
Roi de Cramoise. Red.
Soubrié. French white.

1st size, 60c. each; $6.00 per doz. Set of 10 sorts, for $5.00.
2d " 30c. " 3.00
3d " 10c. " 2.50.
NOISETTE or CLIMBING MONTHLY.

Caroline Minnais, Blush white, extra.
Cloth of Gold, Light canary yellow.
Clair Carnot, Olive green.
Galletta, Deep pink.
Dorothy Bell, Rose color, large, double and fragrant.
James Sprunt, Deep crimson.
Lamarque, Large, pure white.
Marchal Niel, Deep carmine yellow; large.
Md. Tredix, Large bud; bull color, changing to yellow.
Rosamond, Scarlet crimson.
Setina, Dark crimson.
Washington (White.) Flowers white.

1st size, 60 cts. each; $6.00 per doz. 2d size, 30 cts. each; $3.00 per doz.

HARDY ROSES,—Remontant or Hybrid Perpetual.

Achille Gonad, Deep blush.
Adonis de Lyons, Rosy blush, Albertine.
Charles de La Brosse, Light crimson.
Alfred Colomb, (See page 96.)
Altona, (See page 96.)
Antoine Monton, (See page 96.)
Augusta Mic, Deep blush.
Baron de Ronsonval, Violet crimson.
Baron de Rothschild, (See page 96.)
Baron Provost, Rich pink.
Cardinal Patricia, Brillant crimson.
Capt. Christy, (See page 96.)
Chic, Lety Bijou, Reddish crimson.
Compte de Paris, Rich blush.
Coquette des Alpes, White, centre carmine.
Coquette des Blanches, Pure white.
Cygnus, Violet crimson.
Dr. Hallion, (See page 96.)
Duperreis Morney, Crimson; fine form.
Fischer Holmes, Intense dark crimson.
Eugene Sue, Light crimson rose.
Geant des Batallons, Dark crimson.
General Forney, Clear red.
General Jacquimenot, Crimson scarlet.
General Lan, Dark rose.
General Washington, Scarlet crimson.
Imperatrice Josephine, Blush.
Jules Margottin, Deep bright crimson.
La Reine, Satin rose.
Louis Carriage, Carmine.
Marquise de Lavigris, Bright rose.
Md. Knorr, Pink.
" d'Islay, Light rose blush.
" Laflat, Light crimson; very fragrant.
" Trottier, Brillant red; full and fragrant.
" Williamets, Cup-shaped; extra.
" Plantier, Pure white.
M. Carillon, Carmine.
M. Chas. Wood, Brilliant red.
Mrs. Reynolds, Cupped; carmine.
Paul V. n., Dark crimson large.
Paul Rollet, (See page 96.)
Peerie, Rich crimson.
Pe nia, Reddish crimson.
Pres. Thibet, Flaming red; large and globular.
Princesse de Rohan, Violet crimson.
" Matilda, Deep blush.
Purple of Orleans, Purpli; violet.
Reine d'Angleterre, Fine bright rose.
Rev. H. Doubrain, Very dark; almost black.
Rob des Roses, (See page 96.)
Solenia, Pink; bishop-shaped.
Triomph de Alecone, Bright crimson.
" l'Exposition, Crimson red.
" de, Light rose.
Victor Verdier, (Pay 96.)
William Penn, Light; crimson.

1st size, 60 cts. each; $6.00 per doz. Set of 58 sorts for $24.00. Full set of 100 varieties of Roses—Monthly and H. P.—New and Old, $50.00.

2d size, 30 cts. each; $3.00 per doz. Set of 58 sorts for $15.00. Full set of 100 varieties of Roses—Monthly and H. P.—New and Old, $30.00.

SPIREA PALMATA.

One of the finest of hardy herbaceous plants; flowers bright rose, borne on large panicles, resembling a plume of ostrich feathers. 53 cts. each; $1.50 per doz.

ROSES, HARDY GARDEN.

MD. PLANTIER.

A perfectly hardy, pure white, double Rose, of the Hybrid Climbing, one of the handsomest roses there is. It is excellently adapted for cemetery decoration, etc. Growth free and vigorous.

1st size, 60c. each; $6.00 per doz. 3d size, 30c. ... 3.00

CLIMBING—Hardy.

Baltimore Belle, Blush white.
Boursault Elegans, Purple crimson.
Gem of the Prairies, Crimson, lightly veined white.
Seven Sisters, Blush and crimson.
Prairie Queen, Purple, veined white.
Scarlet Greville. Crimson scarlet.

1st size, 60c. each; $6.00 per doz. 3d size, 30c. ... 3.00

AYRSHIRE ROSES.

These may be termed correctly running roses. Their growth is slender and very rapid. For planting in rough situations, where others will not thrive, for covering banks, or for running up old trees or pillars, they are unsurpassed.

Bennet's Seeding. White; small and double.
Dundee Rambler, White; semi-double.
Buga, Palisades, Carmine.

1st size, 60c. each; $6.00 per doz. 2d size, 30c. ... 3.00

ROSES, MOSS.—Imported.

Adelaide, Carmine.
Capt. Ingraham, Carmine.
Countess Muranais, White.
English, Red.
Hortense Vernet, Fine rose carmine; beautiful moss.
Henry Martin, Pink; large, full and globular.
Lanel, Fine pink.
Luxembourg. Crimson scarlet; fragrant and mossy.

75 cts. each; $6.00 per doz. Set 8 sorts for $4.00.

SALVIAS.

Rosae. A distinct, winter-flowering Salvia, with rich rose-colored flowers, borne in spikes six inches in length.

Splendens (Scarlet Sage). Flower spikes of the most brilliant scarlet.

—Gomonti. Differing from the above variety in being much more dwarf.

—Alba. A white variety of "Splendens," identical in all respects except in color, which is pure white.

—Patens. A variety well suited to contrast with the scarlet, the flowers being of the richest blue.

Fulgens Var. Winter flowering, with bright scarlet flowers; the foliage white, pink and rose.

Officinalis Var. A beautiful, tricolor variety of Sage; leaves white, green and pink, blotched.

Reeri. A winter-flowering Salvia. Flowers glossy scarlet, with a carmine tint.

Roths. (See page 97.) 20 cts.

Marmorata. (See page 97.) 30 cts.

Mrs. Stevens. (See page 97.) 30 cts.

25 cts. each; $2.25 per doz., except where noted. Set of 11 sorts for $2.50.

SOLANUM.

Hybridum Hendersonii. A distinct variety of the "Jerusalem Cherry," with a very neat and freely branched growth, from 12 to 18 inches in height, with small green leaves, the creamy-white blossoms of which are succeeded by a profusion of erect, cone-like fruits of a brilliant orange color.

Pseudo, Cap Var. A variegated-leaved variety of the Solanum, the edges of the leaves bordered with creamy-white.

Jasminoides. Of a more slender growth, adapting itself for hanging baskets, etc.; leaves variegated with white and green; the edges have a purple tint. 25 cts. each; $2.25 per doz.
GENERAL COLLECTION.

STEPHONOTIS FLORIBUNDA.
A grand old vine, with pure white, deliciously fragrant flowers, which are borne in clusters like a Bourbon, but of much heavier and wax-like texture. Fine for cut flowers.
75 cts. each; $0.50 per doz.

THYRSACANTHUS RUTILANS.
A well grown plant of this is a most beautiful sight. The flowers are carmine-scarlet, borne in long drooping racemes.
50 cts. each; $1.50 per doz.

TRADESCANTIA DISCOLOR.
A strong-growing sort, the leaves borne upright; the under side violet-purple, the front light green; good for centres of baskets, vases, etc.
50 cts. each; $4.50 per doz.

TUBEROSE, DOUBLE.
Any one may grow the Tuberose with certainty of flowering it, if the following conditions are observed: In buying bulbs be sure that the flower-gem is sound, for on this point depends success, for if that has decayed, all the attention and care bestowed upon them will be of no avail. They must never be planted in the open ground, in the vicinity of New York, before the 20th of May. In planting remove all off-shoots from the sides of the bulbs, and plant about four inches deep. Bulbs planted under these conditions will not bloom much before September. When wanted earlier than this, they can be started in pots.

Flowering Bulbs, 1st size, 12c. each; $1.25 per doz.; $9.00 per 100.
2d " 9c. each; 1.00 " 6.00 per 100.
3d " Started in pots, 6c. each; $2.25 per doz.; $15.00 per 100.

DOUBLE TUBEROSE, "Pearl."
The value of this over the common variety consists in its flowers being of double the size, inbred like a rose, and its dwarf habit, growing only from 18 inches to 2 feet in height. In other respects it is the same as the common sort.
Extra sized bulbs, 15 cts. each; $1.50 per doz.
Good blooming, 10 cts. each; $1.00 per doz.

TORENIAS ASIATICA.
One of the prettiest summer plants for vases or hanging baskets; flowers blue, of a Gloxinia-like shape; flowers during the summer months.
For other sorts see page 97.
20 cts. each; $3.25 per doz.

VIOLETS,—Sweet Scented.
The varieties named below are the leading ones used here for forcing during the winter months. We need hardly say that the Violet is now one of the principal items in the formation of bouquets, baskets, etc., of cut flowers.

Double Blue Neapolitan. Light blue.
Marie Louise. Dark blue flowers. Larger than the "Neapolitan."
Double White.
Victoria Regina. (See page 97.) 20 cts. each.
15 cts. each; $1.50 per doz., except where noted. Set of 4 sorts, 50 cts.

Extra large plants of these sorts in the fall at double the above rates.

VERBENAS—Best of our General Collection.
The following varieties of Verbena we have selected from our large collection as those combining the best qualities for sale or for bedding purposes, embracing a wide range of colors; are distinct free bloomers, altogether a set that will give satisfaction.

Avenger. Crimson; white eye.
Aurora. Delicate rose.
Cho. Pure white.
Daybreak. Blush white.
Miss Nancy. Beautiful pink.
Miss Seddon. Light maroon; large, white eye.
Mrs. Langtry. Indigo blue.
Naomi. Bright cherry-red; white eye.
Octavia. Beautiful claret; very large.
Perfection. The finest pink.
Racoon. Violet purple.
Red Hawk. Red; white eye.
Red Jack. Plumming scarlet; extra.
Rambler. Large, clear pink.
Tansy. Striped crimson and white.
Uncas. Purple; white eye.
Zebre. White, flaked scarlet.
Ivanhoe. Best blue.
Lara. Purple; large white eye.
Luna. Dazzling scarlet; extra.
Waterloo. Dark crimson.
Beauty of Oxford. Dark pink; innocuous size.
Coral. Carmine, shaded violet; white eye; one inch in diameter.
Matte. White, rose margin.
Mrs. Hayes. Carmine scarlet; extra fine.
Miss Arthur. Excellent scarlet.
Mrs. Wilson. The finest striped variety.
Negro. Black; extra fine.
Nemesis. Brilliant scarlet, yellow eye.
Pasha. Dark maroon.
Raven. Indigo.
Syphi. Pure white.
White Beauty. White, large, fine.
White. Violet crimson; yellow centre.
Zenobia. Purple, large white eye.
10 cts. each; $1.00 per doz. Set of 37 sorts for $3.00.

WISTARIA.
This is one of the most popular of our hardy vines, growing rapidly, climbing to a height of fifty feet or more, and when in bloom is truly magnificent. The flowers are borne in early spring; in long, drooping racemes, resembling in size and shape a bunch of grapes.

Frutescens, American Wistaria. (Flowers, pale blue; of denser growth than the Chinese variety.)
Frutescens Alba. Pure white. $1.00 each.

Sinensis. (Chinese Wistaria.) Blush purple; growing more rapidly than the American Wistaria. Very often twenty feet in a season; flowering sometimes twice a year.

Sinensis Alba. (See page 97.) $2.00 each.

Var. Allenii. A new variety, said to differ from the parent stock in having darker flowers, which are developed with the leaves—as in the other sorts the flowers are produced first. This we believe will prove a valuable addition.
30 cts. each; $3.50 per doz. Extra size, 50 cts. each; $6.00 per doz., except where noted. Set of 5, $3.00 and $4.00 according to size.

VINCA ROSEA, ALBA, and OCCULTA. (Ready May 1st.)

This is a most attractive plant, blooming the entire summer season, forming a handsome shrub two feet in height and diameter. Of the three sorts, named the first is carmine or rose, the second pure white, and the third white, with crimson centre.
20 cts. each; $2.00 per doz. Three varieties, 50 cts.
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<tr>
<th>Plant Name</th>
<th>Each</th>
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<td>Centranthus Ruber and Albo</td>
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"THE BEST DOZEN."

From both amateur and professional cultivators we have complaints that everywhere the practice is to grow too many varieties, so that the selection of the "best" from catalogues is impossible, even by those best qualified to do so. To help such we have this season selected what, in our judgment, are the "12 best" and most distinct kinds, in each of the leading classes of plants, whether new or old; for many of the sorts of 10 or 20 years ago are yet unequaled.

12 BEST CHRYSANTHEMUMS, Large Flowering.

No flowering plant can take the place of the Chrysanthemum in the fall for brilliancy and variety of color. We name the "12 best" in each of the three sections.

Competition. White.
Gloria Mundi. Brilliant yellow.
Golden Queen. Yellow.
Mazeppa. Shaded red.
Mongolier. Dark amber.
Pericles. Bright Indian red.
Queen of Lilacs. Lilac and white.
Semiramis. Blush white.
Temple of Solomon. Canary yellow.
W. Webb’s Queen. White.
White Eye. Pure white; extra.

25 cts. each; set of 12 for $2.25.

12 BEST CHRYSANTHEMUMS, Japanese.

Boule de Neige. White; large.
Emperor Nicholas. Red tipped gold.
Fulgare. Nankeen color.
Magnum Bonum. Dark pink; extra fine.
Md. Chapon. Orange and yellow plated petals.
Miss Mary Morgan. Deep blush.
No Plus Ultra Nova. Lilac; golden tips.
Parsol. Crimson maroon; golden centre.
Sesostris. Reddish brown.
Sir Hare Brock. Yellow.
The Dainio. Pink changing to lilac.
Ville de Marseilles. Red; yellow centre.

25 cts. each; set of 12 for $2.25; or full collection of 36 "best" Chrysanthemums for $6.00.

12 BEST CANNAS.

Admiration. (See Description, page 102.)
Bihoreli. (See Description, page 102.)
Brenningsii. Leaves striped green and white; flowers, deep rose.
Compacta. Strong green variety; golden yellow flowers.
Crepole. (See Description, page 82.) 50 cts.
Discolor Violacea. Striped green and yellow.
Imperator. 9 feet high; deep green; Indian red flowers.
Luke Blackburn. (See Description, page 82.) $1.50.
Marchal Vaillant. A well-known dark variety, of great value.
Metallica. Deep green shaded chocolate; very large grower.
Plus 9th. Green foliage; dwarf.
Tricolor. Variegated foliage; dwarf habit; flowers red,

30 cts. each, except where noted; $4.50 per set.
12 BEST CARNATIONS.

**Bolly Varden.** The finest striped variety.

**Elmwood.** Scarlet. (See Description, page 84.) 50 cts.

**Geo. Washington.** White striped crimson.

**Henry Ward Beecher.** Striped maroon, pink and white.

**King of Crimsons.** (See Description, page 84.) 50 cts.

**La Purite.** The oldest and best scarlet variety.

**Peter Henderson.** See Description, page 84. 50 cts.

**Queen of Whites.** " " " 84. 50 cts.

**Sarah Head.** " " " 102.

**Snowdon.** " " " 84. 30 cts.

**Sunset.** " " " 102.

**Miss Joliffe.** Flesh color; very distinct.

25 cts. each, except where noted. Set 12 for $3.00.

12 BEST FANCY CALADIUMS.

**Alfred Bleau.** Green blotched white; cream-colored center.

**Argyrtes.** Light green marbled white; the smallest and finest variety.

**Bicolor.** Deep rose centre bordered to a light green.

**Chantalni.** Brillant carmine centre and veins running through a deep green; splashed white.

**Maxine.** Very small; dwarf habit; mid-rib and veins carmine.

**Meyerbeer.** Green spotted white; red ribs.

**Princess Alexandria.** Similar to the above, but tinted with rose throughout.

**Mooreauna.** Green; crimson veins and centre; the whole surface appearing as if varnished.

**Reine Victoria.** Deep green marbled white, blotched with blood-red spots.

**Splendidum.** Blood-red margined green.

**Susiana.** Green with white spots; crimson centre.

**Wightii.** Dark green marked with red and white spots.

50 cts. each; $1.50 per set.

12 BEST LARGE-FLOWERING DAHLIAS.

There are so many fine varieties of Dahlias that we find it difficult to decide on the "12 best" in both the large and small-flowering sections. We have many excellent sorts besides those named, but taken as a set this selection can hardly be improved upon.

**Beauty.** Bush white; extra fine.

**Flamingo.** Deep vermilion scarlet.

**Flora.** Magneta shade.

**Hector.** Cherry red.

**John Standish.** Vermilion.

**Leader.** Dark purple.

**Miss King.** Bright orange; white eye.

**Miss Smith.** Purplish crimson.

**Mammoth.** Very large crimson flower.

**Oriole.** Yellow.

**Prince Arthur.** Beautiful golden yellow.

**Tom Green.** Maroon tipped white.

30 cts. each; set 12 sorts for $2.25.

12 BEST BOUQUET DAHLIAS.

**Alba Floribunda Nana.** White; profuse.

**Black Dwarf.** Maroon black.

**Bride of Roses.** Light pink.

**Exquisite.** Orange, scarlet edge.

**Little Lucy.** Light crimson.

**Jewell of Amsterlitz.** Scarlet.

**Larline.** Light amber.

**Nabob.** White and crimson.

**Nellie.** White tipped purple.

**Prima Donna.** Rich crimson.

**Pursuit.** Velvet maroon.

**Seraph.** Buff tipped orange.

35 cts. each; $1.25 per set of 12.

12 BEST COLEUS.

These are all described on pages 83 and 104. They are, in our opinion, the most markedly distinct and best of the different branches of this numerous family.

**Beacon.** 30 cts.

**Burning Bush.** 30 cts.

**Buttercups.** 30 cts.

**Glory of Autumn.** 30 cts.

**Hero.** 10 cts.

**Kentish Fire.** 20 cts.

**Mrs. Wm. Barr.** 30 cts.

**Golden Gem.** 10 cts.

**Model.** 15 cts.

**Oriole.** 15 cts.

**Spotted Gem.** 20 cts.

**Vershaffeltii.** 10 cts.

Set 12 varieties for $2.00.

12 BEST DRACENAS.

There is no more ornamental foliage plant than the Dracena. We offer 12 fine distinct sorts, fine plants.

**Amabile.** **Braziliensis.**

**Draco.** **Ferrera.**

**Fragrans.** **Guifoylii.**

**Haageana.** **Hendersoni.**

**Indivisa.** **Hybrida.**

**Magnifica.** **Terminalis.**

$1.00 each; $9.00 per set.

12 BEST SINGLE GERANIUMS.

Without regard to newness we present this list of 12 varieties as the best representatives of the Single Geranium. They are all described elsewhere in this Catalogue.

**Bridal Beauty.** **Md. Denny.**

**Erechthum Chatrain.** **Mrs. Geo. Smith.**

**Gen. Grant.** **New Life.**

**Guinea.** **Panpue Lucea.**

**Jean Sisley.** **Pride of Louisvile.** 60 cts.

**Master Christie.** **W. K. Harris.**

25 cts. each, except where noted. Set 12 for $4.25.
12 BEST FERNS.


12 BEST PHLOXES.


12 BEST MONTHLY ROSES.

There may be some difference of opinion as to the varieties which should be in this set; but after carefully considering all the varieties of note, new or old, we offer the below named. American Bonner, 75. Letty Coles, 75. Bon Silene, . Md. Lamard, 75. Catherine Mermet, Maimaison. Coquette de Lyon, Niphetos. Chas. Rovelli, Perle des Jardins. Buch. Edinburgh, 75. Safrano. 1st size, 60 cts. each, except where noted; $7.50 per set. 30 " 30 " " 4.50 " For descriptions of above, see pages 96 and 113.

12 BEST HYBRID PERPETUAL ROSES.


12 BEST VERBENAS.

SPECIAL LOW PRICED LIST,
WHICH WE WILL SEND IN THE FOLLOWING COLLECTIONS

Free by Mail, for $1.00,
Or by Express (buyer to pay charges), on the conditions named at the end of this List.

PLEASE TO READ CAREFULLY THE CONDITIONS BELOW BEFORE ORDERING.

Each collection (unless otherwise stated) contains all distinct varieties of the newest and most approved kinds, of our selection, each plant being labeled; to such, however, as do not care for the plants being labeled, 25 per cent in number will be added to each collection; for example, we will send eight distinct kinds of Winter-flowering Roses, labeled, for $1.00, or ten equally distinct and good kinds, unlabeled, for $1.00. When ordering, therefore, say whether you desire the collection to be "labeled" or "unlabeled." It must be distinctly understood that the kinds in each class must be of our selection; when varieties are wanted to special name, they will only be sent at the rates named in Catalogue.

For $1.00 we will send, Free by Mail:

8 Achyranthus, crimson, violet and yellow leaves.
or, 6 Abutilions (Chinese Bell Flower), orange, crimson, scarlet, etc.
or, 6 Aquilegia, blue, white, orange, etc.; hardy.
or, 8 Aezaratins, colors white, dark violet, blue, rose, etc.
or, 8 Albiscndn, (Chinese), scarlet, orange, etc., approved kinds.
or, 4 Azaleas, (Chinese), colors white, scarlet, etc.
or, 4 Basket Plants, most approved kinds.
or, 6 Begonias, scarlet, orange, white, rose, crimson, etc.
or, 4 Begonias, tuberous-rooted—scarce.
or, 6 Boccardias, scarlet, rose, crimson, white, blush, etc.
or, 6 Cauns, dark varieties, tropical-looking.
or, 6 Centarneas, white-leaved, for edging.
or, 4 Cactvs, night-blooming, lobster, etc.
or, 8 Coleus, holding varieties.
or, 6 Colotis, (new of this season), beautiful foliage.
or, 6 Caladiuns, (faney), leaves spotted and mottled.
or, 2 Calla Ethiopian, (white), flowering plants.
or, 2 Camellia Japonica, (double), with buds, colors crimson and white.
or, 6 Carnations, (monthly), crimson, scarlet, variegated, etc.
or, 6 Chrysanthemus, (small-flowering), colors crimson, yellow, rose, white, pink, maroon, orange, etc.
or, 6 Chrysanthemus, (large-flowering), colors crimson, yellow, rose, white, pink, maroon, orange, etc.
or, 6 Chrysanthemus, (new Japanese), colors crimson, yellow, rose, white, pink, maroon, orange, etc.
or, 4 Cleratis, white, purple, etc.
or, 6 Climbing Fereas, one of the finest house-plants.
or, 6 Crinums, those offered, colors crimson, etc., one of the finest house-plants.
or, 4 Cyclamen Persicum, shades from white to crimson.
or, 2 Dracenas, (dragon trees), terminals and indivisa.
or, 6 Dahlias, large-flowering, all colors.
or, 8 Daisies, finest mixed.
or, 6 Echeverias, etc.
or, 4 Erantchiums, etc.
or, 6 Ferns, best fitted for house culture.
or, 6 Fuchsias, all colors, double and single.
or, 4 Gladiolus, beautiful and large, approved kinds.
or, 4 Grape Vines, white, bronze, black and purple fruit.
or, 8 Gladiolus, for summer flowering.
or, 6 Geraniums, (single zonale), the finest of our collection.
or, 6 Geraniums, (double zonale), the finest of our collection.
or, 6 Geraniums, (scented zonale), the finest of our collection.
or, 6 Geraniums, (ivy-leaved), excellent for trellis or baskets.
or, 8 Heliotropes, colors all shades of purple, violet, etc., each lot includes new white— "Snow Wave."
or, 4 Hydrangeas, all colors, double, crimson, orange, etc.
or, 4 Honeysuckles, evergreen, coral and Japan.
or, 4 Hardy Shrubs.
or, 6 Hardy Climbing Plants.
or, 6 Hydrangeas, white, and the different shades of purple, etc.
or, 4 Jasminum (Jesamine), colors white and yellow.
or, 6 Lobelias, everblooming, blue, white, and lavender.
or, 6 Lantana, white, orange, pink, crimson, etc.
or, 6 Heseembranthemum, Wax Pink.
or, 6 Pelargoniums, best fitted for house culture.
or, 4 Oleanders (DOUBLE), white, etc.
or, 2 Palms, large, fancy leaves, used for decorating.
or, 1 Poinsettia Pulcherrima, large scarlet bracts.
or, 6 Potunias, (double), purple, crimson and white.
or, 8 Potunias, (single), striped and bicolored; very fine.
or, 8 Pinks, summer garden varieties, in flower all summer; crimson, pink, maroon and white; sure to please.
or, 8 Primula, fine, ideal, many kinds.
or, 6 Phlox, hardy, white, crimson, rose, violet, etc.
or, 6 Phlox, (carnation), many kinds.
or, 1 Peonias, hardy, summer-flowering.
or, 4 Primulas, (Chinese), colors white, crimson, rose, etc.
or, 6 Roses, Hybrid Perpetual (hardy), white, pink, crimson, etc.
or, 6 Roses, (Monthy Tea), white, crimson, rose, violet, etc.
or, 2 Rose, American Bower, crimson and white striped.
or, 6 Snapdra, rose, crimson, white, yellow, scarlet, etc.
or, 9 Sedums, (Stone Crops), etc.
or, 6 Succulents, "Crasulae," etc.
or, 6 Salvia, colors blue, scarlet, crimson, white and rose.
or, 4 Scarce summer-flowering plants.
or, 4 Sempervivum, (the dwarf), large-flowering succulents.
or, 6 Smilax—the climbing plant used for festooning.
or, 6 Stevias, colors white, winter-flowering.
or, 6 Stem Hybrids, (black and white), of finest shades, those offered, are all of colored plate, as the "Cream" or the best new variety for 1878.
or, 8 Tradescantias, etc.
or, 6 Tropiceoliums, orange, maroon, scarlet, rose, etc.
or, 8 Tuberoses, (the dwarf, large-flowered kind).
or, 16 Verbena, very finest kinds.
or, 6 Veronica, feather-like, violet, rose, blue, etc.
or, 5 Violas, (scented), colors white, and dark and light blue.
or, 8 White-leaved Plants.
or, 25 Vars, Flower Seeds.
or, 30 "Vegetable Seeds."

No order is filled for less than one dollar, but we allow buyers to kate collections if they desire it; for example, we will send 3 Abutilions and 2 Azaleas for $1, but no further divisions of the collections will be made. Although it is a convenience to have plants sent by mail to places where there is no express office, yet in all cases where plants can be sent by express, we always advise them so sent; for not only are we enabled to sell much cheaper, but larger plants can be sent, and they invariably arrive in better condition. We therefore offer the above collections to be sent by express, buyer to pay charges, at the following exceedingly low rates: Three collections for $2, five for $3, and so on up to $6, twenty-one for $10, or forty-five for $20; or the $1 collections. 627 varieties of plants, bulbs and seeds—sufficient to stock a greenhouse or garden; the "Gardening for Pleasure," and Catalogue (value $1.75), will be added; in cases where any of the collections of plants or seeds are not wanted, we allow the purchaser to strike them out and duplicate any other collection offered.
HITCHINGS & CO.'S

Green-House Boilers and Warming Apparatus

FOUR STYLES OF BOILERS. EIGHTEEN SIZES.

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<td>Corrugated Saddle Boilers.</td>
<td>Improved Conical Boilers.</td>
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Illustrated Catalogue, with References, on Application.


IMPROVED SASH-RAISING APPARATUS AND PLAIN AND GALVANIZED LIFTING-RODS FOR ROOF AND SIDE VENTILATING SASHES.

233 MERCER ST.—HITCHINGS & CO.—NEW YORK CITY,
Send 6 cents Postage for Illustrated Catalogue, with References and List of Prices.

ESTABLISHED 1765.
THE OLDEST EXISTING POTTERY IN THE UNITED STATES.

A. H. HEWS & CO.,
Manufacturers of Plain and Fancy Earthenware,

FLOWER POTS A SPECIALTY.

CARD.—Our facilities are such for manufacturing and shipping FLOWER POTS (particularly small sizes) to any part of the United States, that we can furnish by the hundred or hundred thousand, a BETTER ARTICLE for LESS MONEY than any other manufacturer. To test this statement, please send us a list of FLOWER POTS wanted for the coming season, and (to save time) write if you wish to buy for CASH or on CREDIT.

ILLUSTRATED CATALOGUE FREE ON APPLICATION.
In writing, please give MR. HENDERSON'S CATALOGUE credit for this advertisement.


We, in our own business, use Mr. HEWS' POTS almost exclusively.

PETER HENDERSON & CO.
Books on Gardening.

By PETER HENDERSON.

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

"GARDENING FOR PROFIT."

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

The Men Bred for the Breeding of Capital Rooted and Suckering Plants; Propagation of Herbs; Forcing, Buds and Greenhouses; Seeds and Seed Raising; How, When, and Where to sow Seeds; Transplanting; Picking of Vegetables for Shipments; Preservation of Vegetables in Winter; Insetts; Vegetables—their Variety and Cultivation; Monthly Calendar of Operations.

Our second work, written in 1868, second edition in 1875, and the third edition December, 1878, is entitled

"PRACTICAL FLORICULTURE."

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

Aspect and Soil; Laying out the Lawn and Flower Garden; Designs for Ornamental Grounds; Planting of Flower Beds; Soil for Potting; Temperature and Moisture; The Potting of Plants; Cold Frames; Winter Protection; Construction of Hothouses; Greenhouse Structures; Greenhouses Attached to Dwellings; Methods of Heating; Base of Heating Water; Propagation of Plants by Seeds; What Varieties come True from Seed; Propagation of Plants by Cuttings; How Plants and Flowers are Grown; Propagation of Fruits; Culture of the Rose; Culture of the Verbena; Culture of the Geranium; Orchid Culture; Humus and Soil; Culture of Bulbs and Corms; Culture of Winter-Flowering Plants; Construction of Bouquets, Baskets, etc.; Wire Designs for Cut Flowers; Hanging Baskets; Parlor and Window Gardening; Wardian Cases; Ferneries; etc.; Formation of Rockwork; Insects, Diseases and Injuries to Healthy Plants; Law of Colors; Packaging Plants by Mail; The Profits of Floriculture; How to become a Florist; Short Descriptions of Soft-Wooded or Budding Plants of the Leading Kinds; What Flowers will Grow in the Shade; Greenhouses and Stoves; How to make Vegetables and Flowers, Perennial and Biennial Plants; Ornamental Shrubs and Climbers; Culture of Grape Vines under Glass; Diary of Operations for Each Day in the Year.

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

"GARDENING FOR PLEASURE."

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

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