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Catalogue

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CATALOG OF
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Novelties and Specialties in Seeds.



NEW PINK PETUNIA, ADONIS.



HOWARD'S NEW STAR PETUNIAS

L. W. GOODELL, Pansy Park, DWIGHT, MASS.

INTRODUCTORY.



L. W. GOODELL.

In December of each year I make careful tests of the germinating qualities of every variety I offer, and all that do not germinate properly are at once burned or thrown away, and it is impossible that any seeds I send out will fail to grow from fault in the seeds.

PLEASE READ THE FOLLOWING BEFORE MAKING OUT YOUR ORDER.

I send Seeds by mail, postage paid, to any part of this country or Canada and guarantee the safe delivery at your post-office of all goods ordered, in good condition. We can also send packages by mail to Mexico, Sand wich Islands, Jamaica, West Indies, Columbia, Costa Rica, San Salvador and Germany postage paid.

Money may be sent at my risk if sent by Post-office Money Order, Express Order, Bank Draft, or Registered Letter. Have all Money Orders made payable at Amherst, Mass. *Personal checks on local banks will not be accepted. Do not send postage stamps in payment if the amount can be remitted in any of the above ways, as they often come in a bad and worthless condition from dampness or other causes. A sufficient amount to pay for all goods ordered should be enclosed, as it is my invariable rule to send goods only to the amount of the remittance.*

In making up your order be sure that NAME, POST-OFFICE, COUNTY, and STATE are plainly written on every order. Every day during the busy season I received letters with one and sometimes all of these important items wanting; and then all I can do is to wait until I receive scolding letter, and am perhaps called hard names when the fault is entirely with the customer.

We take greatest care in filling orders, yet it is impossible, in the hurry of the busy season to avoid occasional mistakes, and where errors occur please do not think that I design to cheat you, but notify me at once, stating just what the error is, and we will make prompt and satisfactory correction.

Keep a copy of your order so that when the package is opened you can see if everything is correct, for customers sometimes forget just what they ordered and complain without cause.

The great majority of orders are sure to reach me safely, but it occasionally happens that a letter is lost or stolen. After waiting a reasonable length of time, if the seeds ordered do not arrive, then write again, *always sending a duplicate order*, and give the date on which the original was sent, the amount of money enclosed, and in what form. This will enable us to investigate and fill the duplicate promptly. *Inquires cannot receive attention unless they contain duplicate, etc., as above.*

Early Orders. Nearly all the seed trade of the whole year is crowded into a few months, which makes a great rush of business, and it will be a great accommodation to me if all who can conveniently do so will send their orders as early as possible. The seeds will then be on hand when wanted for sowing, and customers will be sure of getting just what is ordered, for stocks of some of the most desirable varieties often become exhausted late in the season.

PREMIUMS ON A GENERAL SELECTION.

It has been my custom in the past to add, gratis, extra packets of seeds to all orders for a general selection of flower seeds from the Catalog amounting to \$1.00 or more, but varieties are sometimes sent which customers do not desire, and many will prefer to select these extras themselves. On all orders for FLOWER SEEDS in packets selected from the Catalog customers may select THIRTY CENTS WORTH OF FLOWER SEEDS IN PACKETS EXTRA FOR EACH DOLLAR SENT, for a premium. It must be understood that this offer is made only on FLOWER seeds in packets and at the regular Catalog prices. *Seeds by Weight or in Collections, Vegetable seeds, or bulbs and plants must not be reckoned at all towards these premiums, nor can the premiums be paid in them.*

L. W. GOODELL,

PANSY PARK, Dwight, Mass.

BOWKER'S FOOD FOR FLOWERS.

This is a fertilizer made on scientific principles expressly for flowers grown in the house or garden, and is the best thing of the kind I have ever tried. It is free from odor and clean to handle. It produces a healthy, luxuriant growth, which is soon followed by an abundance of flowers. Everybody who has ever tried it has been delighted with the results. It is used by dissolving a little in water and applying to the soil once a week. Trial packages 25 cents each, postage paid. Pound packages by mail, post-paid, 50 cents each. Directions for use and a pamphlet which gives much valuable information about the culture of different kinds of house plants free with each package.

HOWARD'S NEW STAR PETUNIAS.

This beautiful new strain of Petunias was developed by a long course of selection, hybridization and breeding during more than 20 years. The originator, A. B. Howard who lives within a few miles of Pansy Park is an intimate friend, and I have watched his work on them during all these years with the greatest interest and anticipated with much pleasure the time when they would be perfected and introduced, for I felt confident they would give the greatest delight and satisfaction to every lover of choice flowers. The Petunia has always been one of my favorite flowers, and a leading specialty. I have grown every strain and variety introduced to date, but these new Star Petunias surpass them all in intensity and richness of colors and beautiful markings, which would test the skill of the best artists to accurately portray. The ground color of the flowers is a dark, rich crimson maroon, and in the center is a large, distinct 5-rayed star, the rays of which broaden in the middle and narrow to a point at the margin. This star is almost pure white in some of the flowers, in others a light pink which deepens in color at the edge and blends with the maroon ground color. About 75 per cent. of the flowers will produce these distinct star markings and in the others the star is more or less broken or covered with elegant feathery veinings and markings on light or dark ground, such as were never before seen in Petunias. Some of the flowers are so dark in color when they first open as to appear almost black at a little distance, growing lighter as they expand, some turning to a bright cherry crimson before they fade. One of the most distinct and valuable features of these Petunias is in their remarkably thick and velvety petals, resembling in this respect the finest Pansies or Salpiglossis; in fact many on seeing them for the first time have mistaken them for a new strain of Salpiglossis and would hardly believe they were Petunias. The plants are of strong vigorous growth, branching freely, and attain a height of about 18 inches by 24 inches in diameter. The flowers are about two and a quarter inches in diameter and produced in wonderful profusion, single plants often having 100 or more open at once. The petals of these Star Petunias are so thick and velvety that storms of wind and rain, which so easily discolor and spoil other Petunias, have little or no effect on them and they are nearly as good after as before a storm, which makes them of greatest value for bedding. Nothing can be finer than a bed of these Petunias with a border of the new Pink Petunia, Adonis. They are also very desirable for vases and window boxes, and grown in pots for winter blooming they will give the greatest satisfaction. This strain has been so highly perfected that it bears seed very sparingly; and the genuine, sure to come true to the description, can never be sold for a less price than now offered at. PRICE, IN THE ORIGINATOR'S SEALED PACKETS, per packet of about 100 seeds 15 cents; packet of about 200 seeds, 25 cents.

WHAT OTHERS SAY ABOUT HOWARD'S STAR PETUNIAS.

During the past few years these Petunias have attracted the attention and admiration of thousands of people who have seen them at exhibitions or on the grounds of the originator. The floral experts and authorities have also commended them in the highest terms in letters to the originator, and in articles in the horticultural papers, both in this country and Europe. The following are extracts from some of these. Never before did a floral novelty receive such high praise, before its introduction, by those best qualified to judge of its merits.

"A variety of the greatest beauty."

S. T. MAYNARD, Professor of Botany and Horticulture at the Mass. Agricultural College, and one of the best judges in America, says: "Among the new varieties or novelties among the common flowers of our garden, nothing is more beautiful than the Star Petunias. Mr. Howard has devoted many years and a great deal of skill in improving the Petunia by hybridization and selection and has produced a variety of the greatest beauty and fixed characteristics, causing remarkable tone to the two types of 'Star' and 'Feathered Star' blossoms. The colors are distinct and beautiful."

"Their intensity of color is wonderful."

C. L. ALLEN of Floral Park, N. Y., a well-known authority on flowers, writes: "I take great pleasure in saying your Petunias surpass anything I ever saw of that class of flowers, for form, color and markings. Their intensity of color is something wonderful. I have never seen any to compare with them."

"Attracted much attention at the Pan-American."

WM. SCOTT, Sup't of Floriculture at the Pan-American Exposition, the best known professional florist in America, and the highest authority among professionals, writes: "Your very striking and beautiful Petunias exhibited at the Pan-American attracted much attention. They are of medium size, but the remarkably clear and well-defined star makes them entirely distinct from any."



HOWARD'S STAR PETUNIAS, ABOUT ONE-HALF NATURAL SIZE.

strain of Petunia yet introduced. There must be a great demand for these beautiful flowers."

"Any fair judge would class this Petunia with the best recent floral acquisitions."

The Florist's Exchange, New York, Sept. 29th contained the following article from REV. W. T. HUTCHINS of Indian Orchard, Mass., so well known as the leading Sweet Pea expert of America: "On the principal that merit should not go unrewarded, I am sure you will welcome a word about this unique strain of Petunias. Sept. 15th Prof. Maynard and myself went to see these Petunias. Every one who has seen the cut blossoms on exhibition has been struck with their novelty and quality, but probably also everyone's first thought has been that but a small percentage in a field of them would have this decided character. Mr. Howard has been 20 years at work on them, the last five years showing the most decided progress of all. 75 per cent. of the plants from seed show original character, although there are perhaps three types that are most striking. There is the sharply defined star with rich velvety maroon border. Then there is a type in which the star blends with the border in a brilliant wine shading; and there is a beautiful class in which veined and feathered work takes the place of the star. One thing that indicates their quality is that they seed very sparingly. I think any fair judge would class this Petunia with the best recent floral acquisitions."

5 Packets New and Choice Seeds, FREE. See next page.

FIVE PACKETS OF NEW AND CHOICE SEEDS FREE.

If your order amounts to thirty cents or more, cut off and return the check on the bottom of this page and I will send you two packets FREE,—New Hybrid Columbines and New Pink Petunias, Adonis. If your order amounts to fifty cents or more cut off and return both checks and I will send you FIVE packets free,—the above and New White Candytuft, Giant Hyacinth-flowered, New Large-flowered Antirrhinums or Snapdragon, New Giant Imperial Centaureas, described on page 6.

NEW PINK PETUNIA, ADONIS,

Never before in one year have I been able to introduce two novelties in Petunias of such great merit as this and the new Star Petunias. This new variety was originated by a famous German grower and has proved true to color and description. Its color is a deep pink or brilliant carmine with a distinct pure white center which makes it remarkably attractive. The plants are of dwarf spreading growth, about 12 inches tall, and the flowers although not over two inches in diameter are produced in such profusion that they almost cover the foliage when in full bloom. It is well adapted for pot or vase culture, for beds, or for bordering beds of the tall varieties of Petunias or other flowers. Pink is a rare color in Petunias and this elegant variety has been greatly admired and praised by all who have seen it. The engraving shows the natural size of the flower and gives a good idea of the remarkably free-flowering habit of the plants. Per packet of 100 or more seeds, 15 cents.

NEW HYBRID AQUILEGIAS OR COLUMBINES.



Over 50 varieties mixed, the largest and finest collection ever offered. The Columbine Society, with headquarters in Boston, organized for the purpose of advocating the claims of the Columbine for the national flower, gives many good reasons and makes strong arguments why it should be given the preference over its two chief rivals, the Goldenrod and Arbutus. Whether it is adopted for our national flower or not, there is no question but what it is one of the very best of hardy perennials and too much praise can scarcely be lavished upon this elegant genus of plants. It is perfectly hardy and while it responds to cultivation and generous treatment by bearing more and better flowers, yet it will flourish and give good satisfaction under neglect. When once established it will grow and hold its own for a great many years, bearing a profusion of flowers in May, June and July. It is one of the best of all hardy plants for garden culture or for naturalizing along the edges of woods or shrubbery. To assist in increasing its popularity, I have obtained every species and variety that is worthy of cultivation and offer seeds in mixture. The different species and varieties grow from one to three feet high. Some have single and some double flowers. The following are some of them: *Aquilegia alpina*, with blue and white flowers, is from the Alps in Switzerland; *A. fragrans* from the Himalayas has very fragrant white and purple flowers; *A. sibirica* and *A. glandulosa*, from Siberia, bright lilac and dark blue; *A. olympica* from Mt. Olympus, mauve and white; *A. pyrenaea* from the Pyrenes, lilac blue; *A. vulgaris* from England, with its numerous varieties of many colors, both double and single flowers, some of which are beautifully variegated and striped, *A. Skinneri* is scarlet tipped green. Then there are our own large-flowered, long-spurred species from the Rocky Mountains. *A. chrysantha*, golden yellow; *A. caerulea*, blue and white; *A. grandiflora*, pure white; *A. californica*, orange red and yellow; *A. arctica*, red and green. By crossing and hybridizing these Rocky Mountain species many new varieties have been produced which surpass all others in elegance and beauty. They comprise many pleasing shades and combinations and the most effective contrasts of colors in the same flower. They range through all shades of blue, yellow, orange, scarlet, white, lavender, mauve, bright rose pink, etc. So greatly do they vary that it is not easy to find two plants bearing flowers exactly alike. The plants are strong and vigorous in growth, attaining a height of three or four feet in rich soil. They have large and elegantly shaped flowers with spurs two inches or more long, and being borne well above the foliage on long stems have a most charming effect. Being so light, airy and graceful they will be much esteemed for cutting. Columbine seeds require two weeks or more to germinate; they should be covered with a quarter-inch of soil, be well shaded from the sun and kept moist till they sprout.

COLUMBINES, over 50 species and varieties mixed, including the new hybrids, per packet of 100 or more seeds, 15 cents.

NEW LARGE-FLOWERED ANTIRRHINUM.

Antirrhinum majus grandiflorum.

The Antirrhinum or Snapdragon as it is commonly called is not cultivated nearly as much as it deserves. These new and improved varieties are among the most showy and valuable of bedding plants and make beautiful pot plants. The spikes of flowers are very large and long and the individual flowers much larger than the old sorts and of more brilliant colors, such as pure white, golden yellow, scarlet, crimson maroon, rose, yellow striped carmine, white striped crimson, yellow and orange, dark blood red, carmine and white, crimson and white, almost black, etc. Although they are perennials, they bloom freely the first year and may be treated like annuals. New large-flowered all colors mixed, packet of 300 or more seeds, 10 cents.



CHECK
No. 1.

This Check is good for two packets of New and Choice Seeds FREE.
Pink Petunia Adonis, New Hybrid Aquilegias,

OR COLUMBINES, OVER 50 VARIETIES MIXED.

If returned before July 1, 1902, with an order from this Catalog amounting to 30c. or more.

PANSY PARK, DWIGHT, MASS.

L. J. Goodell

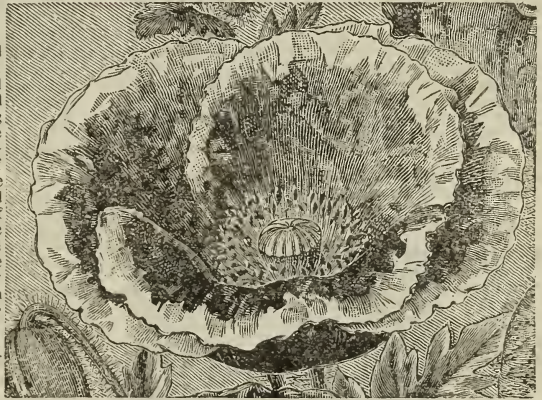


NEW CANDYTUFT.

GIANT HYACINTH-FLOWERED. The largest and finest variety of white Candytuft yet produced. The plants grow over a foot in height, with a number of strong branches, each bearing a spike of flowers which is about six inches long by two and a half inches in diameter, and the individual florets are nearly double the size of the common Candytuft and of the purest white. Packet, 10 cents.

BUTTERFLY POPPIES.

A strain of Single Poppies and the most elegant ever introduced. It is the result of many years of careful culture and selection and a wonderful variety of colors, tints and marking have been developed, while they are of immense size, frequently measuring five inches across. They are of every tint and shade, from pure white to brilliant scarlet, often with a broad pure white band around the edge of the petals, while many of them are flecked, spotted, striped and marbled in the most exquisite manner. The plants grow very compact and bushy and are in bloom from June till frozen up in the fall. The flowers are borne on long, wiry stems and are excellent for cutting. No double varieties can approach them in delicacy and beauty. Packet, 10 cents.



"Greatly admired and proved to be the gem attraction of the flower exhibit."

CHARLES L. BURR, Secretary of the Springfield Amateur Horticultural Society, the largest Horticultural Society in America writes: "I write to congratulate you on the success which has attended your labors in breeding a strain of Petunias that I consider stands unrivaled for perfection. I find that over 90 per cent. come true from seed. When shown at our fairs they have been greatly admired and proved the gem attraction of the flower exhibit. They cannot fail to gratify the taste and win the admiration of every lover of floral beauty."

"It is the most prolific bloomer I ever saw. It is impossible to describe its beauty."

The *American Florist* of June 3, 1899, contains the following from W. C. EGAN of Egandale, Highland Park, Ill. Mr. Egan has one of the finest and best known private pinces in America on which he cultivates the greatest variety of flowers: "Two years ago A. B. HOWARD sent me a plant saying 'I wish you to try my Petunia and see how you like it.' I was more than pleased with it and last year had a double row 90 feet long at the base of my porch. Nothing on my place has attracted so much attention. Each flower faced outward, toward the light, making them doubly affective. There is a flower now before me plucked at random. The body color is a dark rich, velvety maroon, which, when held up so that the light strikes across it at a certain angle, assumes an emerald green sheen, a very peculiar transformation." In a communication to *Gardening*, Mr. Egan writes: "This Petunia is the most prolific bloomer I ever saw. It is impossible to describe its beauty."

NEW JAPANESE PINK.

SALMON KING.

The flowers of this beautiful new variety are large, double, finely fringed and of a bright salmon pink color, a new color in these double pinks. The plants are ten or twelve inches tall, very compact and free blooming. Its distinct character is also well shown in its seeds which are smaller than other varieties and almost white instead of black. Packet, 15 cents.

ANTIRRHINUM MAJUS, Fairy Queen. An exceedingly beautiful tall Snapdragon; flowers golden orange, fiery rose and white, a new combination of colors. Packet, 10 cents.

NEW LARGE-FLOWERED CANDYTUFT.

QUEEN OF ITALY.

This new Candytuft is one of the most beautiful of all varieties for borders or bedding. The plants are dwarf and compact and very free blooming. The flowers are very large and of a lovely shade of pink. Packet, 10 cents.

NEW MAMMOTH SWEET WILLIAMS.

Sweet Williams have long been the most popular of the hardy perennials and this superb mammoth strain has the largest and most perfect flowers in existence, the individual flowers more than covering a silver quarter while some of the largest cover a half dollar. They are of various rich shades of red with a distinct white edge and a large white center. Packet, 15 cents.

STRIPED LEAVED GIANT MAIZE. A new and highly ornamental variety of Maize, attaining from 8 to 10 feet in height. The broad, elegantly recurved leaves are bright green, striped with silvery white, sulphur yellow and rose. Packet, 10 cents.

**CHECK
No. 2.**

This Check is good for three packets of New and Choice Seeds FREE.

GIANT HYACINTH-FLOWERED CANDYTUFT, LARGE-FLOWERED ANTIRRHINUMS, all colors mixed, GIANT IMPERIAL CENTAUREAS, mixed colors, if returned before July 1, 1902, with an order for Seeds from this Catalog amounting to FIFTY CENTS or more.

PANSY PARK, DWIGHT, MASS.

L. W. GODELL,



NEW AFRICAN DAISY, *Aretotis grandis*. A remarkably handsome new annual from Africa. It grows about 2½ feet tall, by as much in breadth, with foliage of a whitish green color. Its flowers are borne on long stems and are large and showy, being from 2½ to 3 inches across, pure white with a yellow center, the under side of the petals pale blue. The plants produce their splendid flowers most abundantly from early summer up to late in autumn, presenting a lovely sight, especially when bright sunshine prevails. Packet, 15 cts.

AFRICAN HORNED CUCUMBER. A curious and delicious species of cucumber from Africa, and a fine ornamental climbing vine. It bears an abundance of oval fruits which are covered with horn-like protuberances. The green fruits are tender and delicious and much liked by those who have eaten them. When the fruits ripen they turn to a brilliant orange and yellow and keep sound and perfect for weeks. The green fruits make nice pickles. The Africans eat the pulp of the ripe fruits. Packet, 5 cts.

ANTIRRHINUM MAJUS, Fairy Queen. An exceedingly beautiful tall Snapdragon; flowers golden orange, fiery rose and white, a new combination of colors. Packet, 10 cts.

ANTIRRHINUM, New Dwarf. This new dwarf variety grows only 6 to 8 inches tall, and makes a showy bed, and is fine for a border to a bed of the tall sort; 8 colors mixed. Packet, 10 cts.

LOBELIA, Bedding Queen. Lobellias are among the most beautiful and easiest grown of bedding and pot plants and this is one of the finest of the dwarf sorts. The plants form compact little bushes which are completely covered with large flowers of the deepest purple with a white eye. It is the best variety for pots or bedding and blooms until late in the fall. Packet, 10 cts.

LOBELIA, Red, White and Blue. Another new sort having the remarkable color combination of red, white and blue, almost unique among flowers. Packet, 10 cts.

MIMULUS grandiflorus. An elegant annual, six inches tall of spreading habit with large beautifully spotted flowers of various colors. Fine for bedding or pot culture. Packet, 5c.

MYOSOTIS alpestris grandiflora (*Giant Alpine Forget-me-not*) These form bushy plants from 6 to 10 inches tall and bear a multitude of flowers, keeping in bloom a long time and are fine for garden or pot culture. They are perfectly hardy and flower the first season if sown early. White, pink, blue and striped, mixed, 10 cents per packet.

NEW LARGE-FLOWERED CANDYTUFT.

A new strain of Candytuft that far surpasses the old varieties, the heads of flowers and the individual florets being double the size, while the variety of colors is remarkable, embracing about a dozen shades, such as light pink, deep rose, lavender, bright crimson, salmon, flesh color, bright blue, heliotrope striped white, violet, etc. The plants are dwarf and compact, and they remain in bloom much longer than the old Candytuft, making an exceedingly pretty bed. Packet, 10 cents.

Queen of Italy. This new Candytuft is one of the most beautiful of all varieties for borders or bedding. The plants are dwarf and compact, and the flowers are of a lovely shade of pink. Packet, 10 cents.

ESCHSOLTZIA, (*California Poppy*) The Golden West. The flowers of this grand new variety measure from 3 to 6 inches in diameter, and have very large overlapping petals. They are of various forms, some flat, some cup-shaped, others very deep with flaring edges, and are of a light canary yellow color with an orange center. Packet, 5 cents.

ESCHSOLTZIA, Rosy Morn. A novelty of great merit which will win admiration and praise wherever cultivated. It produces flowers of a color and form hitherto unknown in the Escholtzias. The rosy white petals are delicately channelled with tiny folds radiating from the center, and richly adorned with a soft primrose-yellow hue. Packet, 5 cents.

INCARVILLEA variabilis. A new perennial plant of bushy habit with long slender branches which are covered with pink flowers. If sown early it will flower the first season. Packet, 10 cents.

INCARVILLEA Delavayi (*Pride of China*). A magnificent new perennial from China, bearing clusters of large flowers on stems two feet long, similar to Gloxinias, of a rosy carmine color, blotched with yellow and brown at the base. It is highly praised by the European horticultural papers, several of which have illustrated it in colors. Packet, 15 cents.

CLIMBING DOLICHOS, Daylight. A rapid growing climber from Japan, bearing large spikes of pea-shaped pure white flowers so freely that they fairly cover the vines from top to base, and the flowers are followed by creamy-white waxy pods about 3 inches long. Packet, 10 cents.

COCKSCOMBS.

Nothing can be finer than a good bed of Cockscombs when well grown. They are of easy culture, flourishing in any good, rich soil. Seeds should be started early in the house or in a frame, and the plants set out in the beds from 15 to 18 inches apart. The following are the finest varieties:

The Empress. A magnificent dwarf variety, with immense combs measuring, when well grown, from 15 to 20 inches in length; of a crimson color, with a rich velvety appearance. Per packet 10c

Fire King. The most brilliantly colored fiery orange-scarlet. It is taller than the Empress and nearly or quite as large. 10

Japanese. A grand showy, branching variety, two or three feet tall, each plant bearing a number

of combs from four to eight inches long, of a brilliant, velvety, crimson color. Packet, 5c.

NEW FEATHERED COCKSCOMB, Ostrich Plume. One of the best and most showy bedding plants ever introduced. The plants are branching and bushy, 2 to 3 feet tall, and covered all summer with large feathery clusters of deep crimson flowers. Packet, 10 cents.



EMPERESS.

If you receive more than one of these catalogs, please give the extra copy to some friend who grows flowers from seeds.

NEW ASTERS.

NEW SCARLET SALVIAS.



ASTER, QUEEN OF SPRING.

QUEEN OF SPRING. A new class which has proved one of the best and most desirable ever introduced, blooming three weeks earlier than any other. The plants are strong and branching with large flowers resembling chrysanthemums, and as they are borne on long stems, they are particularly fine for cutting. Plants from seed sown in March begin to flower in June, and are in full bloom in July. White, rose and blood-red, mixed colors, packet 10 cents.

LATE WHITE BRANCHING. (*Semple's or Vick's Branching.*) This is of great merit and considered by many as the finest of all Asters. While the Queen of Spring is the earliest variety known, this is the latest, blooming after other varieties are gone. The flowers are of extraordinary size—4 to 5 inches across—and borne on long stems, are exceedingly graceful and handsome, with broad, wavy, curled or twisted petals, very much resembling Japanese Chrysanthemums. Packet, 10 cents.

LATE BRANCHING, Pink. A beautiful shell pink, a color very rare in flowers. Packet, 10 cents.

GOLDEN CROWN. This beautiful new Aster is the only real yellow variety ever produced and a great acquisition; other so-called yellow varieties previously introduced are a pale sulphur color. The flowers of this variety are large, very double, and of a rich, light, golden yellow in the center, changing to a clear, sulphur yellow when fully expanded, the outer row of petals being pure white. The plant is strong and branching, about eighteen inches tall, and nearly every plant comes true to the description. Packet, 10 cents.

JAPANESE. A new and distinct class. No flowers of any Aster surpass these in size except the Late Branching. The petals are very long and tubular, reminding one of some of the Japanese Chrysanthemums of the Lillian B. Bird type. The colors are flesh and mauve. Mixed colors, packet, 10 cents.

OSTRICH FEATHER. This new Aster belongs to the Comet class. The plants are strong and branching, and the flowers, which are on long stems, are of immense size—5 to 6 inches in diameter—with remarkably long and narrow petals, which are very gracefully curled and twisted. Six colors mixed—white, crimson, light blue, pink, lilac and bright rose—per packet, 15 cents.

California Giant Branching Comet. These bear very large double flowers, on strong branching plants nearly two feet tall and are a fine addition to the Comet class. Four colors mixed, 10 cents per packet.

Upright White Branching. The plants of this variety grow about 30 inches tall, each plant bearing 20 to 25 large, double, pure white flowers of the *Semple* type on stems from 29 to 24 inches long. Packet, 10 cents.

Clara Bedman or Bonfire. Scarlet Salvias are among the best and most showy of bedding plants and this new variety is a great improvement on the old sort. Each plant forms a compact bush about fifteen inches tall by two feet across, which is completely covered with large spikes of vivid scarlet flowers for several months. Per packet, 10 cents.

Golden Leaf. The leaves of this new golden variety are of a rich yellow tint. It grows about a foot and a half high, dwarf and compact in its habit. The effect produced when this gem is placed *en masse* on a lawn is extremely fine. The contrast between the golden yellow foliage, the scarlet flowers and the green grass give to us the grandest combination of colors imaginable. The color of the leaves is constant and distinct at any stage of the plant inside or out of doors. 10 cents per packet; three packets for 25 cents.

Silver-Spot. The most distinct feature of this unique novelty is its strikingly handsome-spotted foliage. The leaves are rich soft green, with light sulphur or cream-colored spots of various sizes liberally sprinkled over them. The unique and elegant foliage is very abundant, has a very fresh and healthy appearance. The intense bright scarlet flowers are very large and the plants of neat compact habit, and as floriferous as the old sort. Nearly every plant from seed comes true to the description. It makes a beautiful plant for house culture, and will no doubt add greatly to the popularity of Salvias for bedding. Packet, 15 cents; two for 25 cents.

Drooping Spikes. A remarkable free flowering variety; the long spikes of brilliant scarlet flowers are so thickly crowded and heavy with bloom that instead of standing erect like other varieties, they droop by their weight, giving the whole plant a very graceful appearance. Packet, 10 cents; 3 for 25c.

FOUNTAIN GRASS (*Pennisetum Ruelapiianum*). A new ornamental grass and the most beautiful one ever seen. It is an annual and has numerous long, narrow, bright green leaves, which are gracefully recurved, forming a perfect fountain, and from July to frost it bears long, cylindrical, feathery flower heads of a rich purple color on long, slender stalks. It is a fine garden plant or for house culture. 18 inches tall. Packet, 10 cents.

ASPARAGUS SPRENGERI.

(*Emerald—Feather.*)



An elegant new pot or basket plant with long graceful, drooping sprays of finely divided light green foliage. It is of very rapid growth and flourishes in sun or shade, and withstands the dry atmosphere of

dwelling houses remarkably well. The fronds are frequently four feet long, and when cut will keep in water three or four weeks. Packet, 10 cents.

ASPARAGUS plumosus, (Lace Fern.) A beautiful house plant with finely divided fern-like foliage. It may be grown in bush form, or it will climb many feet, and can be trained all around a window. This is now very much used by florists for floral decorations in place of Smilax. Packet, 15 cents.

BABY PRIMROSE.

PRIMULA FORBESII.

One of the prettiest and most valuable pot plants ever introduced. It begins to bloom when the plants are only an inch or two tall, bearing dozens of sprays of its dainty and graceful blossoms, which are not quite half an inch across and of a pleasing rose color with yellow eyes. It is in bloom 10 months of the year and grows vigorously in shade or sun. Per packet, 10 cents.

NEW EVER-BLOOMING PRIMROSE.

(*Primula obconica grandiflora hybrida.*)

The old *Primula obconica* is one of the best and most satisfactory of house plants and is one of the few that are true perpetual bloomers. The flowers of these new hybrids are not only nearly double the size of the old variety but they are elegantly fringed and of several shades, from rose to light blue. Plants from seeds begin to flower in 3 or 4 months and continue to produce their delicate and lovely flowers freely throughout the year, even in the coldest winter months. Mixed colors, per packet, 15 cents.

LARGE-FLOWERED PHLOX DRUMMONDI.

PANSY PARK PRIZE STRAIN.

The improved *grandiflora* variety of *Phlox Drummondii* is without exception the most brilliant and beautiful annual in cultivation and no garden, however small, should be without it. The PANSY PARK PRIZE STRAIN here offered is unquestionably unequalled by any strain in size, form and variety of colors. The individual flowers are often as large as a silver half dollar. It has been awarded FIRST PRIZE many times at the shows of the Massachusetts Horticultural Society and was never beaten. *Phlox* seed may be sown early in the house and transplanted, but always makes a stronger growth and bears larger, finer flowers when sown in the open ground where they bloom. Sow very early in spring in drills one-half an inch deep and thin the plants to a foot apart.

Pansy Park Prize Strain, 32 varieties mixed, per packet 10 cents; three packets for 25 cents. Pansy Park Prize strain 32 varieties separate, each variety or packet 10 cents.



PHLOX DRUMMONDI. Star of Quedlinburg. A most singular variety of *Phlox* with the center of each petal prolonged into a long point, making the flower star-shaped, as shown in the cut. There are about a dozen colors, the petals having a distinct white edge. The plants are compact and bushy and the flowers are very freely produced. It is very fine for bedding and elegant for bouquets; 12 varieties

mixed, packet 10 cents.

NEW EMPEROR SALPIGLOSSIS. This new variety shows marked distinction both in flowers and habit, whether seen at a distance or examined closely. It forms only one leading stem which often grows as thick as one's finger and bears on the end a bouquet of the most beautiful flowers. The colors are rose, purplish brown, crimson, purplish violet and deep scarlet, each color richly pencilled and veined with gold, and they are much larger than the old type. Packet, 15 cents.

TREE SUNFLOWER. Although a sunflower, this is really a magnificent plant, growing in rich soil 12 to 15 feet tall, in beautiful tree-like, pyramidal form, branching from near the ground up, and bearing hundreds of flowers which are four or five inches across. Packet, 5 cents.

SWEET SCENTED YERBENA, Mayflower. This very pretty new variety is one of the creations of Luther Burbank of California. It has the fragrance and color, white flushed with pink, of the *Trailing Arbutus* or *Mayflower*, and will delight all who try it. 10 cents per packet.



NEW GIANT IMPERIAL CENTAUREAS.

(*Centaurea imperialis.*)

These new imperial Giant Sweet Sultans have proved among the finest introductions of late years. The plants are of strong bushy form, 3 to 4 feet tall, and bear freely very large sweet scented flowers on long stems, which keep a week or more when cut. The colors vary from pure white through shades of red from pink to crimson and through blues from silvery lilac to royal purple. It makes a beautiful bed, and cannot be too highly recommended. Packet, mixed colors, 10 cents.

CENTAUREA Americana alba. A very showy variety, growing two or three feet tall, with beautiful double fluffy white flowers three inches across, on very long stems, which last for many days when cut. It is in flower for a long time, and is as showy for beds or borders as *Asters*. Packet, 10 cents.

CENTAUREA Cyanus fl. pl. (*Double Bachelor's Button.*) This is a fine double variety of this old and favorite flower, from 30 to 50 per cent. coming double in the manner of *Gallardia Lorenziana*; 8 colors mixed, packet 10 cents.

DOUBLE, WHITE-GROUND DIADEM PINK. This is one of the finest and most distinct of all the varieties of Japan Pinks. The large double flowers are hieroglyphically edged and marbled rose, lilac, purple, carmine and blood-red on pure white in the most beautiful fashion, strongly resembling the finest Scotch Pinks. Packet, 10 cents.

ROYAL PINKS. Selected and improved varieties of the single Heddewig Pink, producing flowers 3 to 4 inches across of quite a new shape. The petals are somewhat undulated and twisted, each petal covering half of the other, and beautifully fringed or lacinated. The colors vary from white to dark red. Packet, 15 cents.

NEW HARDY PINKS, Cyclops. A magnificent new strain of the fragrant hardy Scotch or Clove pinks of a remarkable variety of colors, which include delicate rose, pink, copper color, salmon, wine red, white, crimson, etc., with an eye-like zone of blood-red. The flowers are about 2 inches across, many of them double and semi-double, have a clove-like perfume, and are borne in profusion all summer. They often bloom the first season if seed is sown early. All colors mixed, packet, 15 cents.

NEW MAMMOTH HOLLYHOCK, Allegheny. This new Hollyhock differs from the old variety in having much larger flowers, which are semi-double and seldom less than five and often six or seven inches across; and in the elegantly fringed petals, which look as if they were made up of crushed silk. It may be called a perpetual bloomer, for it grows and flowers freely all summer. Mixed colors, 10 cents per packet.

PANSY PARK PERFECTION PANSIES.

Largest in size—Most perfect in form—Greatest variety of rich and rare colors.

Perfection is the word that best expresses the superior qualities of this magnificent strain of Pansies, for it is perfection in the size and form of blooms, while no other contains such a great variety of rich and rare colors. The seeds have been saved with the greatest care from the very finest, largest flowers of the German and French types, many of which were of gigantic size, measuring from three to four inches in diameter. It contains every color, shade and tint known in the Pansy, and many unique combinations not before seen. They are of the most perfect form, with thick, velvety petals, some elegantly veined with maroon on white, bluish or reddish ground. I have made a specialty of Pansy culture for twenty years, and having tested all the strains offered during that time, including all the new strains and mixtures so extensively advertised during the past few years, I know that Pansy Park Perfection is the peer of them all, and I offer it feeling confident that it will give the greatest satisfaction to all lovers of choice Pansies. These Pansies were first introduced in my 1896



Catalog in which I also offered \$50.00 in eight prizes for largest pressed flowers sent before Nov. 15th. It created a great deal of interest and much competition. The first prize was won by AMELIA RITCHER, Yolo, Cal., with a bloom measuring three and one-fourth inches in diameter, a trifle larger than the above engraving. The other prizes were won by blooms almost as large grown in Maine, New York, Iowa and Montana. These were very large for flowers grown in summer and early fall. As is well known the very largest flowers can be grown only in spring on plants kept over winter. Per packet, 25 cents; two packets for 40 cents.

Mrs. ELMIRA JENKINS, Temple, Me., writes: "The Pansy Park Perfection Pansies were the largest and most beautiful we have ever seen."

Mrs. M. A. COOK, Jonesville, Mich., writes: "My Pansy Park Perfection Pansies are the finest in town and have been much admired, and we have many enthusiastic amateur and professional florists in the place."

LARGE-FLOWERING GERMAN PANSIES.

DIAMOND STRAIN.



The superior qualities of this unsurpassed strain of German Pansies introduced by me, has gained such a reputation among my customers that it has resulted in the sale of over one hundred thousand packets of seeds among my retail customers. Its large and perfectly formed, round and velvety blooms, endless varieties of rich and delicate colors and tints, often in combinations that if not seen would be difficult to believe ever existed in a Pansy, distinguishes this strain above all others. I grow large fields of these Pansies, which have been visited and admired by thousands of people, including many professional florists who always appreciate choice flowers. I sell large quantities of

the seed of this strain every year to florists all over the country. One of the most valuable characteristics of this strain is that the flowers keep up of good size all through the hot weather of summer, while those of ordinary strains grow small and poor. Almost any day during the spring and autumn months thousands of flowers can be picked in my fields (which receive only ordinary cultivation) measuring from two to two and one-half inches in diameter. I have tested in my trial grounds every strain of Pansies offered by American, English, Scotch, French and German growers and dealers up to the present time. While some of these are excellent none of them have proved equal in richness, brilliancy and variety of coloring to the Diamond Strain, I particularly invite a comparison with any other strain of German Pansies, feeling confident that the Diamond Strain will not suffer in the least by it.

PRICES—All varieties mixed. This packet contains over fifty distinct varieties and an endless number of markings. Per packet, 15 cents; two packets for 25 cents; five packets for 55 cents; ten packets for \$1.00. Over 50 distinct varieties in separate packets, each variety or packet 25 cents; five for \$1.00.

HOW TO GROW FINE PANSIES.—A circular which gives full instructions about the culture of Pansies will be sent to customers, provided it is asked for when seeds are ordered.

VIOLAS, Tufted or Sweet-scented Pansies, These are very popular in Europe for bedding, but were entirely unknown in this country until introduced by me some ten years ago under the name of Violas or Tufted Pansies. They have recently been cataloged by others under the name of Sweet-scented Pansies. They were obtained by crossing the English Pansy with *Viola cornuta* of Europe. The flowers are small, but bloom much more profusely than common Pansies, forming large clumps and lasting several years, a bed of them being a perfect mass of flowers through the season. The colors are not so numerous as those of common Pansies. Some of them are slightly sweet-scented like violets. Packet, 10 cents, three for 25 cents.

RED PANSIES. Several varieties of brilliantly colored Pansies have been introduced during the past few years in which shades of red occur, some being almost crimson with yellow markings and maroon blotches. Best red varieties mixed. 10

Giant Fire King. New, very large and brilliantly colored, rich purplish crimson and yellow marked with large dark blotches. Packet, 20 cents.

Chrysanthemums, Chinese and Japanese. The Queen of Autumn is easily grown from seeds blooming the first year if started early, but only a small percentage from even the choicest seed will be as double as the best named varieties. Choicest mixed seed. . . 10



NEW CLIMBING NASTURTIUMS.

Hybrids of Madam Gunter. These new hybrid Tropaeolums are the finest of all the climbing varieties, the colors being very brilliant, rich and varied, among which are shades of rose, salmon, brightest red, yellow, white shaded carmine on the edges with deep maroon throat, golden yellow shading brown on the edges, yellow shaded and mottled with carmine, white with red blotches, shrimp pink with deep maroon throat, orange, etc. Mixed varieties per packet, 5 cents; 4 packets for 15 cents.

Sunlight. This beautiful new variety bears rich golden yellow flowers, measuring nearly three inches across, with very wide round petals, and borne so profusely as to nearly conceal the leaves. It is a splendid climber, and its glowing color makes it wonderfully effective. Packet, 5 cents.

Moonlight. This is like Sunlight except in color, which is a pale straw color. Packet, 5 cents.

Caprice. This elegant new variety bears flowers of different colors on the same plant, some being self colors, others variously blotched, splashed, striped and bordered with dark and light colors. The contrast produced by these variously colored flowers on the same plants having a most charming effect. Packet, 10 cents; 2 packets for 15 cents.

Prince Henry. Bright yellow, marbled with brilliant scarlet. Packet, 5 cents.

Princess Victoria Louise. Decidedly one of the finest and most effective kinds of climbing Nasturtiums. The large flowers are creamy white, with orange-scarlet blotches at the base of each petal, and orange red calyx and spur. They sometimes also have a red margin. Packet, 10 cents; 3 for 25 cents.

Primrose. Flowers yellowish white, with brown spots, foliage bluish green. Packet, 10 cents.

Firefly. Flowers deep orange, spotted with blood-red, dark foliage. Packet, 10 cents.

Margaret. Another fine variety with dark foliage; flowers light yellow striped and spotted with crimson. Packet, 10 cents.

NEW ANNUAL WALLFLOWER.

EARLY PARIS.

Wallflowers are the most fragrant of all garden flowers, but have been but little grown because the old varieties do not bloom the first year. This new annual variety will bear its spikes of fragrant showy cinnamon-colored flowers freely all summer the first year from seed. It makes a fine bed and is as easily grown as any common annual. Packet, 5 cts.

SWEET PEAS.

Little need be said of the beauty, fragrance and value of the Sweet Pea. It has long been a favorite, and is now one of the most popular of all flowers. This is chiefly due to the labors of Henry Eckford, of England, who has had remarkable success in improving this favorite flower, and has originated many new varieties of large size and new colors and tints. The culture of Sweet Peas is very easy. They should be planted as early in spring as the ground can be worked, and given the same treatment as you would give garden peas. Plant in double rows ten inches apart and six feet between these rows; make the drills about four inches deep, and sow at the rate of two ounces to each rod of double row, and do not cover the seeds with more than two inches of soil until the plants are up, but fill in a little each time they are hoed until the drills are nearly but not quite level full. After danger from cut worms is past, thin out the plants to about three inches apart in the row. As soon as the peas are up stick brush at least six feet tall between the double rows. There are now over 150 varieties of Sweet Peas. Many of them are so nearly alike in colors that it is impossible for any one but an expert to distinguish them apart, many of the new sorts being an improvement in size or form. I have discarded all inferior sorts, and my customers can depend on the mixtures named below being the best up to date, containing only those combining the highest development in size, form and color—the very cream of all.

Sixty Best Varieties Mixed, 5 cents per packet; 10 cents per ounce; $\frac{1}{4}$ pound, 30 cents; $\frac{1}{2}$ pound, 50 cents; pound, 90 cents.

Good Mixed. This mixture contains over 50 of the old standard varieties, and will give good satisfaction. Per ounce, 5 cents; $\frac{1}{4}$ pound, 15 cents; pound, 50 cents.

NEW SWEET PEA, Earliest of All. This new American variety is one of the finest ever produced. It is similar to the Extra Early Blanche Ferry, except that it is more dwarf and comes into full bloom at least 10 days earlier, making it fully three weeks earlier than any other. Standards of the same beautiful pink color as the Blanche Ferry, while the white of the wings is clearer than in that variety. Per packet, 5 cents; one ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; one pound, \$1.00.

NEW WHITE SWEET PEA, Saddle Burpee. This new sort is the largest and finest of all white varieties. The flowers are on very long stems, and freely produced. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00.

NEW SWEET PEA, Navy Blue. A new and distinct color, the standards brilliant royal purple, the wings pure violet, the general color effect being a dark blue. Packet, 5 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.25.

NEW YELLOW SWEET PEA, Stella Morse. The nearest to a yellow in sweet peas, a rich apricot tint. Packet, 5 cents; ounce 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00.

Shahzada. The darkest of all, a very dark maroon tinted purple. Packet, 5 cents, ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00.

Countess. The best clear lavender. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00.

Lovely. The largest and best shell pink color. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00.

I can also supply over fifty other best named varieties of all colors. Price of each variety, 5 cts. per packet; ounce, 10 cts.; $\frac{1}{4}$ pound, 30 cts.; pound, \$1.00.

NEW BUSH SWEET PEAS.

The first of a new class growing and branching in true bush form about 18 inches tall by nearly as much in diameter, and needing no support when grown in beds. It bears an abundance of flowers and makes a beautiful bed by itself or as a center for a bed of Cupids. Packet, 5 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 50 cents.

PHYGELIUS cespitosus. (Cape Fuchsia.) A very fine hardy perennial two feet tall, bearing from 10 to 20 long spikes completely covered with showy scarlet, drooping flowers from May to fall. Packet, 10 cents.

CUPID DWARF SWEET PEAS.



These are true dwarf varieties, growing only six inches high, but branching and spreading out so as to form a mass of foliage, and flowering so freely that the plants are fairly covered with blossoms. For beds or borders very fine, and they make beautiful pot plants. For beds, plant the seeds as early as possible an inch deep in drills 8 inches apart. They can also be started in boxes under cover very early and transplanted as easily as Asters. For pots plant 8 to 10 seeds in an 8-inch pot of good rich soil and keep in a cool, partially shaded place, giving liquid manure when they need it. Fifty varieties mixed, 10 cents per packet; 20 cents per ounce; 1 pound, 70 cents; pound, \$2.00. These Dwarf Sweet Peas give the best satisfaction in light dry soil where the tall sorts often dry up.

THE MEXICAN TREE MORNING GLORY.

IPOMOEA FISTULOSA GOODELLI.



This is not only new but it is so entirely different from any thing else and such a showy plant that it is sure to attract the attention and admiration of everyone wherever grown. It is a native of Mexico, and is a shrub-like perennial. The flowers which are of light rose color with a crimson center

and three to four inches across, are borne in large panicles or clusters of 25 to 50 in the axils of the leaves, a cluster to nearly every leaf. These clusters are from six to ten inches in diameter and on stems six inches long, several flowers opening in each cluster at once. In rich, moist soil it attains a height of six or seven feet. It is perfectly hardy in the Southern States if the roots are covered with earth, leaves or some similar material, deep enough to exclude frost. In the Northern States it can be treated as an annual as it flowers the first season from seed if started early, or it can be grown as a tub or pot plant like an Oleander, keeping it in the house, greenhouse or a warm cellar in winter. It will grow and bloom even in a five or six inch pot. It can also be planted out in the summer, be taken up in the fall before frost, cut back and kept over winter in boxes of moist earth in a house or greenhouse. Packet, 15 cents; two for 25 cents.

SUPERB DOUBLE HOLLYHOCK.

The Double Hollyhock is the most gorgeous and showy of all the hardy perennials. I have been growing and improving it for many years and am able to offer a strain which can be recommended as the finest extant. The flowers of largest size, perfectly double, and range in color from pure white to deepest crimson. 16 colors mixed, packet 15 cents; two packets for 25 cents.

NEW RUFFLED PANSIES.

Masterpiece. A new type of Pansy having the edges of the petals very much frilled and curled, giving it the appearance of a double flower. The flowers are of the largest size and the colors are very rich, each petal marked with a dark blotch, most of the flowers having a light, white or yellow edge. The plants are very strong and free flowering. Packet, 25 cents.

SCABIOSA, Giant Black. The Scabiosa, or "Mourning Bride," is one of the very best of the annuals for cutting and also makes a fine bed. This variety is the largest and best of all, the heads of flowers are on very long stems, and often three inches across, a rich, deep, blackish purple in color. Packet, 5 cts.

Azure Fairy. The flowers of this new variety are as large as the black variety and of a bright azure blue; very fine for cutting. Packet, 10 cents.

CHRYSANTHEMUM segetum, Gloria. A superb new annual variety with immense flowers 3 to 4 inches across, of a primrose yellow color, with a golden yellow center. Blooms freely all summer and fall, and the flowers remain in perfection a long time when cut. Packet, 10 cents.

DOUBLE ENGLISH DAISY, NEW GIANT.

The flowers of this variety are more than double the size of the old varieties, and are on long stems. They bloom freely in spring and fall in beds, and make fine pot plants for winter blooming. Mixed colors, 10 cents.

NEW EARLY BLOOMING.

HYBRID COSMOS.

The Cosmos is one of the most beautiful and popular of annuals, growing five feet tall will elegant foliage, and bearing a profusion of large pink, purple and white flowers on long stems. Seeds of these New Early Hybrids if sown in the open ground early in May, (which is the best way to treat them), will produce flowering plants by the first of August which continue in wonderful profusion until killed by severe frost. This early flowering habit is a valuable characteristic and it will be welcomed by all who have failed to get the old late-blooming to flower before frost killed it. Mixed colors, 10c



EARLY HYBRID COSMOS, White. (Dawn.) Per packet, 10 cents.

CONVOLVULUS major, Double. New double varieties of the old Morning Glory bearing double feathery and fringed flowers in abundance. Four colors mixed, 10 cents per packet.

THE BRAZILIAN MORNING GLORY.

IPOMOEA SETOSA.

This grand Ipomoea was first introduced by me several years ago and is now one of the most popular of all the varieties. It is an annual and the most vigorous and rapid in growth of all vines, climbing thirty to fifty feet. The vines climb and branch in all directions, a single vine soon covering a large tree, arbor or building. Its leaves are like those of the Grape in form and of immense size, often a foot across in rich soil. The flowers which open in the morning, are three inches or more across, of a beautiful rose color, and are borne in large clusters very freely from July to frost. Every part of the vine is thickly covered with short, reddish hairs which, with immense leaves and large clusters of curious seed capsules render it highly ornamental and give it quite a tropical appearance. For quickly covering a piazza or arbor where a dense shade is required it has no equal, its leaves overlapping each other like shingles on a roof. Packet, 10 cents; three for 25 cents.

GERANIUMS FROM SEED.

Geraniums are easily grown from seed and a large and fine variety can be obtained in this way. If seed is started early and the plants bedded out in summer they always make fine bushy blooming plants before fall which can be taken up and potted for the house. Soak the seed in warm water 3 or 4 days, sow in a box, covering it one-half inch deep with soil. Choicest mixed, saved from a collection of over 50 best named varieties, 10 cents per packet.

NEW GIANT JAPANESE MORNING GLORIES.

Ipomoea triloba-imperialis.

I was the original grower and one of the original introducers of these magnificent flowers in this country and offer an unsurpassed strain containing over two hundred varieties, particularly rich in the rare golden and golden and silver variegated-leaf varieties. By crossing the finest varieties during the past three years many new and beautiful sorts have been produced, some even surpassing the original varieties. The Morning Glory is one of the flowers most highly prized by the Japanese and the finest collections are found in the gardens of the gentry of that country who make a hobby of them and have many rare varieties not found in the seed stores or commercial collections. My original collection contained about 200 varieties and was brought to this country in 1893 by PROF. ISAAC GOODELL of Fort Worth, Texas, who was presented by his Japanese pupils with the choicest collection that could be found in private gardens as a token of their esteem. The great variety of rich and delicate colors, tints and markings is wonderful and almost incredible. No other flower, not even the Pansy, equals them in this respect. They are of all shades of red, from the most delicate pink to the most brilliant crimson and maroon, and innumerable shades of blue, from pale lavender to the richest indigo and royal purple; also white, yellow, brown and many other odd shades. Many varieties have a distinct marginal band of a different color from the rest of the flower, and some are elegantly spotted with pink, crimson, blue, brown, etc., like finest Gloxinias; others are striped, blotched, mottled, rayed and shaded in an indescribable manner, often having seven or eight colors and tints in one flower. Many are of odd and singular forms; some have the petals separate and distinct clear to the base and resemble large single Pinks more than Morning Glories. Many have scalloped, fringed or ruffled edges; some are double like double Petunias. The leaves are of various forms, some ivy-like, smooth and glossy; others, very hairy; some are green, splashed and variegated with white and silver gray. Many of the finest varieties have rich yellow or golden-bronze leaves, often splashed, marbled and mottled with white, gray and green.



The vines of most varieties are of very vigorous and rapid growth, climbing from fifteen to thirty feet. They branch freely near the ground and soon cover arbors, piazzas, trellises, fences, walls or buildings with a mass of rich foliage and flowers. They begin to flower in a few weeks after planting the seeds and continue to bloom until killed by frost. I have counted over one hundred flowers open at once on a single vine trained to a pole eight feet high. They are inclined to branch very freely near the ground, and when it is desired to have them climb all the branches, except three or four on a plant, should be pinched off as fast as they start. While these Morning Glories are the most useful and valuable of all the vines for culture in the open ground, in any situation where vines can be used, they also make the most elegant pot plants that can be imagined for the decoration of conservatories or windows, and by starting seeds at different times they may be had in bloom at all seasons of the year. When they are confined in five or six inch pots they make only a few feet of growth, but bloom freely, beginning when only a foot or two tall. They begin to flower earliest in soil only moderately rich. Nearly 300 varieties bloomed on a quarter acre bloomed at Pansy Park last summer, 25,000 to 30,000 flowers opening on some mornings, making an enchanting display that will not soon be forgotten by those who were fortunate enough to see them. They are as easily grown as the common Morning Glories and after testing them thoroughly for three years in all kinds of soil and situations I can say without hesitation that they are the most elegant and valuable annual flowers introduced during the past twenty-five years. The flowers of the different varieties vary in size from three to five and sometimes even six inches in diameter, all growing largest during hot weather. The rare and beautiful golden and golden and silver variegated-leaf varieties would be well worth growing, even if they had no flowers, for the beauty of their foliage alone. It is unfortunate that collections have been introduced in this country which contained few or none of these rare varieties, as large quantities of seeds will, no doubt, be grown from the more common plain-leaf sorts which are apt to disappoint purchasers. In this respect. In regard to this a correspondent of the horticultural paper, *Gardening* (page 371, Sept. 1, '95) writes: "What is the reason the extensively vaunted Japanese Morning Glories lack all vegetation in leaf?" To which the editor, W. M. FALCONER, replies: "You cannot have a choice strain. You ought to see them at Dorsois. The leaves are marbled and blotched, and many of them are almost self yellow. We send you some by mail to whet your appetite for a feast next year. And their flowers! They are brilliant, beautiful, lovely, and largely in a variety of colorings uncommon among ordinary Morning Glories. * * * We got ours from L. W. Goodell, Pansy Park, Dwight, Mass."

The late E. S. CARMAN, editor of *The Rural New Yorker* and proprietor of the famous Rural Experiment Grounds at Ridgewood, N. J., wrote of them as follows: "The vines are of as rapid growth as those of the old Morning Glory, the difference being in the leaves, which are lobed and cleft in the Japanese, and often variegated. It is difficult to do justice, in a few words, to the beauty of the flowers, which are fully twice as large as those of ordinary kinds, and of a brilliancy and diversity of color excelled by no other flowers. We know of no other flower that has such brilliant contrasts, fiery red, purple, nearly black, light blue, maroon, grayish, bronze colored, some of them with margins of pure white. Other flowers are blotched splashed, marbled in all sorts, of odd ways. With all their intense brilliancy, there is yet a softness and a delicacy of shade, a purity and freshness of color or of combinations of color, that makes one wish to look at them for hours. True it is, that, as with the ordinary Morning Glory, the flowers are short-lived, true it is however, that in the early morning nothing among flowers is more fascinating, more refreshing, than an arbor or fence covered with these vines. They are morning glories to be sure." The seeds may be started early in the house or planted in the open ground after danger from frost is past. They make a fine bed or border when planted or set two feet apart and allowed to trail over the ground.

PRIVATE GARDEN COLLECTION, all varieties mixed. This is the very best strain of all varieties in mixture, grown from the original private garden collection brought from Japan by Prof. Goodell. It contains among other rare varieties a good proportion of the golden and the golden and silver variegated-leaf sorts, and is superior to any other strain offered in this country or Japan, as was clearly shown by tests on my grounds last year, where thousands of vines were grown including samples from every grower and dealer in this country and Japan that could be obtained. It is above comparison with the cheap commercial seed of which large quantities have been sold, to the disappointment of the purchasers. Price per packet of about 50 seeds, 10 cents; four packets for 35 cents; six packets for 50 cents; thirteen packets for \$1.00.

Spotted varieties mixed. The flowers of these are the most elegant in coloring of all, many of them being as finely spotted and variegated as the choicest gloxinias. Per packet, 15 cents; three packets for 40 cents.

Golden and variegated-leaf sorts mixed. Nearly all of the vines from this seed will have golden and golden and silver variegated foliage with flowers of a great variety of colors, shades and markings. These bear but very little seed. Packet of 40 seeds, 10 cents; three packets for 40 cents.

Ruffled and frilled, mixed varieties. Most of the vines from this mixture will bear large flowers ruffled, frilled and fringed, of various colors. They are considered by many to be the finest of all. Packet of 40 seeds, 15 cents; two packets for 25 cents.

Commercial Seed, finest mixed. This is the best commercial seed to be obtained, about one-half imported from Japan and the balance of American growth from imported stock. Packet 5 cents; six packets for 25 cents; thirteen for 50 cents.

JAPANESE MORNING GLORIES, SEPARATE VARIETIES.

I offer the following varieties, several of which are new, in separate packets. From 50 to 75 per cent. of each variety may be depended upon to come true to the descriptions.

Yellow. A very rare variety which was sent me from Japan by a Japanese grower. The flowers are of a canary yellow color, often striped and blotched with azure blue. The leaves are beautifully marbled and blotched with white and silvery gray. Packet, 10 cents.

Hebe. A new variety and one of the very finest. The flowers are large of several shades from pink to a bright cherry crimson with a wide distinct white border, and they are very freely produced. The leaves are a rich yellowish green, or golden bronze, splashed and mottled white and gray. It is one of the best for pot culture. Packet, 10 cents.

Princess. Large white flowers spotted and striped with crimson. Packet, 10 cents.

Aurora. Flowers crimson and very much ruffled, fringed and frilled. Packet, 15 cents.

Minerva. Gorgeous flowers of a deep carmine with a white border and delicate pink throat; very much ruffled and frilled. Packet, 15 cents.

Luna. Flowers large of several shades of blue. Leaves of rich golden bronze marbled, blotched with pale yellow and silvery white. Packet, 10 cents.

Cleopatra. Bright carmine flowers with white border and throat; golden foliage. Packet, 10c.

Juno. Sky blue flowers, golden and silver foliage. Packet, 10 cents.

Empress of Japan. Very large pure white flowers which are much ruffled and frilled. The finest of all white varieties. Packet, 15 cents.

Oddity. The most distinct and oddly marked of all the varieties of Japanese Morning Glories. The flowers are deep pink with a distinct clearly defined purple ring near the edge, with a large star-shaped blotch of purple in the center. Foliage green variegated with silvery white. Packet, 10 cents.

SPECIAL OFFER. One packet each of the above 10 new and choice varieties for 75 cents.

DELPHINIUM, Blue Butterfly. A new annual Larkspur of dwarf compact branching habit, about a foot tall, bearing the largest flowers ever seen in a Larkspur. Its color is of the intensest blue yet found in any flower, defying the artists skill to reproduce. It is perfectly hardy and succeeds in any good soil. Packet, 10 cents.

DELPHINIUM sulphureum. One of the most beautiful hardy perennials, growing 4 feet tall with spikes of sulphur yellow flowers resembling the finest Orchids. Packet, 10 cents.

DELPHINIUM, New Large-flowering hybrids. These grow 4 to 5 feet tall and bear large spikes of flowers, which vary in color from white to lavender, and from soft azure to a rich indigo blue. Packet, 10 cents.

GAILLARDIA grandiflora. These new varieties of Gaillardia here offered are among the most showy and valuable of hardy perennials. They grow about two feet tall, bearing on long stems large flowers from 2 to 3 inches across in abundance all summer. They are of rich and striking colors, such as dazzling crimson with gold edge, salmon and various shades of red and yellow. Newest varieties in splendid mixture, 10 cents per packet.

NEW SWEET MIGNONETTE. SILVER WHITE.

Seed growers have been trying for many years to produce a pure white Mignonette, that has large flowers and is sweet scented, and this is the best white-flowered variety produced to date. The plants are of vigorous bushy growth and the long tapering spikes of large white flowers are freely produced all summer and until late in fall. The fragrance is very strong and delicious and it is one of the best varieties of any color for pot or garden culture. Packet, 10 cents.

NICOTIANA sylvestris. A grand new ornamental annual foliage and flowering plant growing 4 to 6 feet tall with many branches, each branch terminating with a large cluster of white flowers. The flowers are about 2 inches across and very sweet-scented, their fragrance being so strong that a few plants will perfume a whole garden. Packet, 10 cts.

PERENNIAL PEA, Pink Beauty. This novelty is an important addition to the few kinds of hardy perennial climbers. The trusses and flowers are larger than in the old white and red sorts and of a new color, a delicately shaded pink on the standard, the wings of a rich shade of deep pink. Packet, 10 cents.

**AFRICAN WATER LILIES.
RED, WHITE AND BLUE.**



They will grow and flower four months from sowing seeds, in ponds, tanks, tubs, or pans, in the open air, in any part of the U. S.

It is safe to say that nothing in the floral world has created so much interest among lovers of rare plants as these gorgeous red, white and blue Water Lilies, and when it becomes generally known they are as easily grown from seeds as Asters, everybody who loves choice flowers and can have a tank or tub of water will have them. Grown in ponds, tubs, or cemented tanks they bear fragrant double flowers 4 to 10 inches across every day from June to October if started in February or March. They make an astonishingly rapid growth, and under the most favorable conditions begin to bloom in sixty days from sowing the seed. They flower every summer in my open ponds in August and September from self-sown seeds which do not germinate till June. Their culture is very easy and they require little or no care after they are planted in the tubs or ponds. The seeds are about the size of Poppy seeds and never fail to germinate if properly treated, in ten to fifteen days. Their culture is very simple. Take small cups, like tea cups, fill them about half or two-thirds full with fine, rich garden soil, press it down hard and firm and scatter the seeds on the surface, a packet in each cup, covering them to the depth of an eighth or quarter of an inch with clean sand. Then fill up carefully with water, so as not to disturb the seeds, and place where they will keep at a temperature of 70 or 80 degrees till they germinate. It is a good plan to set the cups in a pan of water deep enough to cover them with an inch of water. Those who have no green-house can start them near a stove or on the mantel-piece, moving them to a warm, sunny window as soon as the plants are well up.

It is now seven years since I introduced seeds of these gorgeous lilies, and they have been tried by thousands of customers in all parts of the country, many of whom write of the pleasure they have given themselves and friends. I take the liberty to publish a few samples of these reports to show those who have not tried them that they are just as represented.

"I had two packets of your Water Lily seeds last year. I sowed them in bowls and set them on the radiator in my dining room, and after several weeks some tiny green leaves the shape of lily pads appeared, and at last I had twenty-three small plants, which I transplanted into cups, one into a cup. In June I put some of them into tubs. In September I took two of the largest ones to the Fair and received first prize on the blue one and the second prize on the red one. These prizes were offered for best specimen plants of any variety and I thought I did very well to get them both."—Mrs. N. HERBERT GOODSPEED, Sakb, Mass.

"The red and blue Water Lilies were things of beauty till the frost came. I had blooms five and six inches across and their fragrance was simply enchanting."—AMANDA E. DENNIS, Berlin, Md.

"Last Summer I had the greatest success with your lilies in tubs, and this year have decided to make a small pond for the purpose. The plants were in bloom all the time and were a constant source of pleasure. I had a great many visitors to see them and hope that others may be interested in having an aquatic garden."—DANA F. DOW, Lynn, Mass.

AQUATIC PLANTS AND THEIR CULTURE.

This is an essay written by me for the Mass. Horticultural Society. It contains a complete descriptive list of all the varieties of Water Lilies and other aquatics in cultivation with directions for culture, etc. A pamphlet of 16 pages. Price 10 cents, or it will be sent free to those who order two or more packets of Water Lily seeds or one or more plants, provided it is asked for when orders are sent.

PRICES OF AFRICAN WATER LILY SEEDS.

- NYMPHÆA Zanzibarensis azurea (Blue African Water Lily.) All shades from lavender to rich, deep azure and purple; packet . . . 10
 - Zanzibarensis rosea (Red African Water Lily.) Color varies from light pink to rosy purple, almost crimson in some; per packet . . . 10
 - scutifolia (South African Water Lily.) White shading to azure blue on tips of petals. . 10
 - Dentata (White African Water Lily.) Pure white flowers larger than the Zanzibar varieties. The seeds require a week longer to germinate and it is best to start them as early as possible; packet . . . 15
- SPECIAL OFFER:** For 35 cents I will send one packet each of the above four varieties.

NEW RED SWEET MIGNONETTE.

GOLIATH. The deepest colored and largest variety of Mignonette yet produced. The plants are of dwarf compact habit with spikes of immense size and highly scented. Packet . . . 10

EMPEROR PETUNIAS.

The flowers of this unsurpassed strain exhibit a greater variety of colors and markings than ever before obtained in the Petunia; from the richest purple and crimson to the most delicate rose and white there is in every gradation. Some of the varieties have a clearly defined white throat, the other portions of the corolla being colored; some are evenly or irregularly striped, blotched and barred with purple, crimson, rose and white; others are elegantly veined with crimson, violet and maroon on a light ground, and several are exquisitely fringed and frilled, resembling ruffled lace, and one variety is rosy crimson edged with green. Many of the varieties are of very large size, often 4 to 6 inches in diameter and of the most remarkable colors, shadings and veinings with large black, white and yellow tigered throats. These Petunias have been awarded several first prizes by the Massachusetts Horticultural Society. Single varieties mixed, packet, . . . 15

Double varieties, mixed, packet, 25 cents; two for 40 cents.

GIANTS OF CALIFORNIA. A California strain of great beauty. The plants are of strong healthy growth and the flowers, many of which are of enormous size, often 1 1/2 inches across, are of a variety of rich colors and markings, some with deep, wide throats of yellow, white, black, green or mauve, beautifully veined and pencilled.

Giants of California. Single mixed . . . 15
Double varieties mixed . . . 50

PETUNIA, Ruffled Giants. The introducer of this new strain describes it as follows: "The flowers are extremely deep throated and very large; they are ruffled, fluted and fringed; striped, blotched, and of solid intense colors, with many color combinations quite new in Petunias. The plants are extra selected in size, form, color and markings, and include all the latest improved hybrids." Per packet mixed varieties, 25 cents.

Burpees Defiance Petunias, mixed varieties. 15
Dwarf Bedding Petunias, mixed colors. Packet, 10 cents; three 20 cents.

NEW LARGE-FLOWERED CHINESE PRIM-ROSE. A new strain of these popular house plants surpassing in size of flowers and variety of colors anything before produced, the individual flowers frequently measuring over two inches across, if given good culture. They are elegantly fringed and range in color from purest white to a bright carmine crimson, one variety being pure white with a large bright yellow center, covering nearly half of the flower. Fifteen varieties mixed, packet, . . . 25

NEW FAIRY ROSES.

These new Multiflora or Fairy Roses are easily grown, beginning to bloom within three or four months from sowing the seed. The flowers are small, growing in clusters on bushy little plants. Some will be double, some semi-double and some single, varying in color from white to rose or pink. Packet, 10 cents.

COLEUS, New Large-Leaved. A new strain of Coleus with very large leaves curled and serrated in the most beautiful manner and of a wonderful variety of rich and brilliant colors and markings. The plants are very vigorous and healthy and are easily raised from seeds which should be sown in boxes under glass or in the house. Mixed varieties, per packet 15

MARGUERITE CARNATION PINKS.

This new class of Carnation Pinks is one of the most valuable introductions among garden flowers for many years. The flowers are large, double, very fragrant, ranging in color through all shades of red, pink, variegated, etc. They begin to bloom in four or five months from sowing the seeds, so that if sown early in spring they will bloom freely during the latter part of summer and autumn.



Plants that have not flowered may be potted and will bloom in winter in the house. Mixed colors 10
Dwarf Giant. New strain with larger flower than the old; mixed colors 15

EMERALD DOUBLE BALSAMS.

The Double Balsam is one of the most popular and beautiful of annuals, the flowers of a first-class strain resembling Roses and Camellias. The Emerald is a strain which I have tested by the side of every strain of Balsam I could obtain in Europe and America. It proved so much superior to all the others that I feel confident my customers will thank me for introducing it. Nearly every plant produces flowers as large and perfectly double as Camellias, while no other strain contains such a variety of colors, which includes pure white and many shades of red from light pink to dark blood crimson and many varieties superbly spotted, mottled, and striped with white. The flowers are so very double and perfect that many plants did not bear a dozen seeds each and they are necessarily more expensive than common strains. 12 varieties mixed, per packet, 15 cents; two for 25 cents.

VARIEGATED JAPANESE HOP.

This is one of the most beautiful climbing plants I have ever seen. It is an annual, climbing ten or fifteen feet, and of very easy culture in any soil or situation. The large luxuriant foliage is distinctly striped and blotched with silvery white, yellowish white, and light and dark green. Per packet, 10

HELIOTROPE, Lemoine's Giant Hybrids. A new strain of strong growth bearing immense trusses of fragrant flowers. 15

NEW AND IMPROVED POPPIES.

POPPY, Fairy Blush. Immense, perfectly double flowers 3 to 4 inches in diameter with deeply fringed petals which are white edged with rosy cream. 5

Snowball. Very large white, deeply fringed. . . 5

Midnight. Very large, blackish purple. . . . 5

Irresistible. A new variety from California with immense double red fringed flowers. . . 10

Iceland Poppies. These are among the most elegant of all Poppies. They are biennials if sown late, but bloom the first year if sown early. The flowers are single and of various colors and differ from all other varieties in having several shades of yellow among them, from light yellow to deep orange. 10

Pink Beauty. This is a sport of that superb variety Snowball and the same in all respects except that it is a lovely shade of deep pink. 10

DWARF LARGE-FLOWERED FRENCH CANNAS.

These magnificent Cannas are becoming the most popular of bedding plants, and they are also very fine for winter flowering in pots. The plants grow from two and one-half to four feet tall, with luxuriant, very handsome foliage, and they bloom continually from May to frost. The flowers are in spikes like a Gladiolus, each flower three or four inches across and of the most brilliant colors, ranging through all shades of red, including the richest crimson, scarlet and vermilion, also yellow and orange; many varieties being beautifully spotted and variegated. Soak the seeds in quite warm water until the sprouts start a little 10

VERBENA, THE RUBY.

Verbenas grown from seeds are quite fragrant, always make a stronger, healthier growth and flower better than plants grown from cuttings; but with all ordinary strains there has always been a strong tendency to produce the dull neutral tints or "run to purple and blue" as the florists say, and this is the fault with many highly lauded strains sold by seedsmen. In the Ruby strain here offered this tendency has been almost overcome by many years of careful culture and selection, and no other strain will produce such a large percentage of the most brilliant and desirable colors. The trusses are of the largest size and the individual flowers are often more than an inch in diameter. The colors run through every shade of red from light pink to rose, blood red, crimson, scarlet, dark maroon, almost black, white, indigo, etc., many of the varieties having a large distinct white center or eye; and many sorts have white ground striped and variegated with pink, rose, scarlet crimson, etc. So great is the variety among them that it is difficult to find two just alike. The flowers are as large as the "mammoth" varieties so extensively advertised, and far superior to them in every other respect. Verbena seeds should be sown as early as possible, under glass or in boxes in the house; cover a quarter inch with soil and keep moist and warm until it germinates, which will be in from two to four weeks. Finest mixed seed, saved from over 100 varieties, 15 cents per packet; 2 packets for 25 cents.

GIANT HIBISCUS, SUNSET.

One of the most magnificent species of garden Hibiscus. It is an herbaceous perennial growing five or six feet tall. It is hardy in the South but as it flowers freely the first season from seed it is best to treat it as an annual. The flowers are of enormous size, from six to eight inches across and of a rich light yellow color with a velvety crimson-maroon center, each plant bearing a number of these immense flowers every day for several months, making it one of the most striking plants that can be grown in any garden. Give the plants plenty of room and rich soil. It is best to start the seeds as early as possible under glass or in the house, so as to get good strong plants for setting out as soon as danger from frost is over, as they always continue to bloom until frost in the fall. Packet 10 cents, three for 25 cents.

HIBISCUS, Crimson Eye. A magnificent new variety, the flower often six or seven inches across, pure white with a large crimson spot at the base of each petal. The plant forms a strong clump four or five feet tall, and each plant will produce several hundred of its grand flowers during a season. It is a perfectly hardy perennial, blooming the first season from seeds if started early, and when once started will last for many years. It will flourish in any soil, but does best where it is rich and moist. Packet, 10 cents; three for 25 cents.

THE FAIRY ZINNIAS.

This new and improved class is without exception, the finest of all Zinnias, either for bedding or cutting. Many object to the old-fashioned Zinnia because of its dull, neutral colors, but in this strain the colors are as brilliant and more numerous than those of Phlox. The flowers are of the most perfect form, 1½ to 2 inches in diameter with imbricated petals which overlap each other like shingles on a roof. The plants form compact symmetrical little bushes about 1½ feet tall by as much in diameter, and bear great numbers of flowers, a single plant often having from 50 to 100 open at one time. They are truly little beauties and sure to please all who grow them. 16 colors mixed 10

FILIFERA PALM (*Washingtonia filifera*). . . 5

MARIGOLD, Improved El Dorado. Best strain of African Marigold yet produced. The flowers are 3 to 5 inches in diameter, very double and most perfectly imbricated and frilled. Shades of yellow from very light primrose to the deepest orange; mixed colors. . . 10

Improved French Marigold. These have a profusion of flowers of various shades of yellow, rich brown and maroon, some varieties elegantly striped and spotted. 10

Legion of Honor. A very pretty dwarf sort with single golden yellow flowers each petal marked with crimson brown in the center 5

SALPIGLOSSIS grandiflora.

Large-flowered Velvet Flower.

The *Salpiglossis* is one of the best and most beautiful of annuals, yet it is but little known, and when a good collection is exhibited at the flower shows it always attracts much attention. The plants grow about two feet tall, branching and flowering freely for several months. The flowers are nearly three inches across, and the colors are varied and very rich, elegantly veined and pencilled, and the petals have a peculiar texture like the richest velvet to both sight and touch, entirely different from any other flower. It is of the easiest culture, doing best in light, rich soil. Seeds may be started early in house, but it does best when sown in the open ground where it is to flower, in rows ten inches apart and thinned to six or eight inches in the rows. Ten varieties: Scarlet, crimson, black, purple, purple pencilled with carmine, rose, yellow, yellow edged with white, violet, violet veined with yellow. Each of the above ten varieties, in separate packets, per packet, 10

All varieties mixed, per packet 10
Collection of ten varieties, in separate packets, one packet of each 80



DWARF SWEET ALYSSUM, LITTLE GEM.

This is an exceedingly pretty and entirely distinct dwarf variety of Sweet Alyssum originated by me. The plants are of very dwarf, compact spreading habit, and only 3 to 5 inches in height, each plant covering a circle from 15 to 20 inches in diameter. It begins to bloom when quite small, often when in the seed bed, and so profusely that the plants are a solid mass of white from spring till late in autumn. I have counted over 600 clusters of flowers on a single plant at one time. For small beds and edgings it is very effective, and for pots and baskets a gem of the first water. It is as fragrant as the common variety and better for cutting. Packet 10 cts., three for 25 cts.



A PLANT OF LITTLE GEM.—From a Photograph.

SELECTED ANNUALS.

The following list contains the best of the old well known annuals. The figures on the right give the price of each per packet in cents.

Antirrhinum majus (Snapdragon), bears spikes of very showy flowers all summer; 10 colors mixed	5	Convolvulus minor (Dwarf Morning Glory), mixed colors	5
Asperula azurea setosa, light blue	5	Dahlia, Double, easily grown from seed; finest mixed	15
Alyssum maritimum (Sweet Alyssum)	5	Daisy, double, German seed, mixed colors	15
Agertum Mexicanum, 6 sorts mixed	5	Dianthus Heddeewigi (Chinese and Japanese Pinks). The most beautiful of all the Pink family. They flower profusely all summer and are of the richest colors and a great variety of markings, the individual flowers which are both single and double, are often three inches across. My collection of these is noted for being the largest and finest in the country and has been awarded the FIRST PRIZE six years in succession, every time they have been exhibited, at the shows of the Mass. Horticultural Society. Over fifty varieties mixed, per packet	10
Ambrosia Mexicana, sprays of small very fragrant flowers, fine for bouquets	5	Datura, bears large trumpet-shaped sweet-scented flowers; mixed varieties	10
Aster, Truffant's Peony-flowered, splendid large flowers, the petals slightly incurved, one of the finest Asters; 2 feet tall; 18 colors, mixed	10	Delphinium (Larkspur), long spikes of double flowers; mixed colors	5
Rose-flowered, very large, double, finely imbricated flowers; 2 feet tall; 18 colors mixed	10	Eschscholtzia (California Poppy), 6 colors,	5
Victoria, one of the most beautiful and popular large, double, with reflexed petals, 18 inches; 18 varieties mixed	10	Mignonette, Sweet (Reseda odorata)	5
Comet, very distinct and handsome with long curled and twisted petals like Chrysanthemums. 10 colors mixed	10	Machet, very fragrant red flowers	10
Zingel's Double White, large globular and very double white flowers	10	Myosotis palustris (Forget-me-not)	5
Cocardeau or Crown, large double with white centers; mixed colors	10	Mesembryanthemum crystallinum (Ice Plant)	5
Imbricate Pompon, a distinct class with small but very double and perfect imbricated flowers borne in such profusion as to completely cover the plants; one of the best and most popular; 18 inches tall; 24 varieties mixed	10	Nicotina affinis (Evening Stars). One of the finest annuals. The plants grow about three feet tall and bloom profusely all summer. The flowers are white, two or three inches long and about as much in diameter, and are very sweet-scented, a small bed filling a whole garden with fragrance	10
Pompon Crown, white centers, fine	10	Pansy, Common mixed	5
Harlequin or Leopard, elegantly spotted	10	Poppy Improved Double, many varieties mixed	5
Boltze's Dwarf Bouquet, very dwarf, 12 colors mixed	10	Improved Peony-flowered, 18 colors mixed	5
Dwarf Pyramidal Bouquet, 12 colors mixed	10	Improved Carnation-flowered, very large and double deeply fringed flowers, 18 colors mixed	5
Balsam, Camellia, double, mixed colors	10		
Calendula, Meteor, large double, yellow and white	5		
Prince of Orange, deep orange	5		
Calliopsis, very showy, 12 colors mixed	5		
Centauria (Bachelor's Button), 6 colors mixed	5		
Double, very fine, mixed colors	10		
Chrysanthemum, annual, showy, mixed colors	5		
Segetum grandiflorum, large, golden yellow flowers; very fine	5		

Sensitive Plant, leaves close and droop if touched 5
 Portulaca grandiflora, finest single mixed . 5
 Double Rose-flowered, about one-half the flowers come perfectly double and resemble small roses; 10 colors mixed 10
 Stock Ten Weeks (Mathiola annua). Ten Weeks Stocks or "Gilliflowers," as they are often called, are very beautiful plants with splendid spikes of double, very fragrant flowers of a variety of colors. Seeds germinate easily either in the house or garden. If transplanted do so when the plants are small setting them a foot to eighteen inches apart, in good soil. Large fl. Dwarf, an early and free-blooming variety; twelve colors mixed 10
 Giant Perfection, a new class and the finest of all for garden culture if started early. The plants grow two feet or more tall, of pyramidal growth and have magnificent long spikes of very large double flowers. Sow seeds in March, pot off when small and plant out early, 18 inches apart; nine colors mixed 15

Schizanthus (Butterfly Flower) very pretty, bearing a multitude of curiously variegated flowers 5
 Tropaeolum minus (Dwarf Nasturtium). A splendid class of half-hardy annuals, with flowers of many shades of yellow, orange, scarlet and vermilion, often finely spotted. They make very brilliant beds, and flower best in soil only moderately enriched. Plant the seeds where they are to flower after danger from frost is past, and thin to ten inches apart. Nine varieties mixed . . . 10
 Nine colors separate, sulphur spotted with maroon, orange and vermilion, yellow, rose, crimson, maroon, scarlet, ruby red, light red, light yellow, each color 10
 Verbena, fine, mixed 5
 Scabiosa (Mourning Bride), double tall, mixed colors 5
 Double Dwarf, mixed colors 5
 Zinnia, Double Mammoth, mixed colors . . 10
 Zebra, striped, double, very fine 10

EVERLASTING FLOWERS.

Acerolinium roseum fl. pl., double pink and white flowers, very fine 10
 Gomphium, small, double, white 5
 Aombrena (Globe Amaranth), mixed colors . 5
 Helichrysum moustroum. One of the very best and most showy of the Everlastings; flowers very large and double and of many bright colors; two feet; 12 colors mixed . . 5
 Rhodanthe, elegant, double, pink and, white, 10
 Helipterum, large clusters of golden yellow flowers 10

ANNUAL CLIMBERS.

Cobaea scandens 10
 Maurandya, bell-shaped flowers; 6 feet . . . 10
 Tropaeolum, majus (Nasturtium). One of the very best and easiest grown of the climbers, succeeding in any garden soil. The flowers are of many shades of yellow and scarlet, striped and spotted. Eleven colors mixed . 5
 Eleven colors separate: Crimson, scarlet, orange, brownish lilac, chocolate, yellow, scarlet-striped, light yellow, straw color, spotted, purple violet, maroon—each color-10
 Lobbianum, very brilliant colors 10
 Peregrinum (Canary flower) bright yellow . 10
 Thunbergia, elegant flowers of several colors; 6 feet 5
 Ornamental Gourds, very singularly formed and elegantly colored fruits; 12 sorts mixed 5
 Convolvulus major (Morning Glory) mixed . 5
 Ipomoea Quamoclit (Cypress vine) mixed . 5

PERENNIALS.

These are perfectly hardy and flower the second year from seed.
 Aquilegia (Columbine) 30 varieties mixed . . 5
 Campanula Medium (Canterbury Bells), double and single finest mixed 5
 Carnation, magnificent double, fragrant flowers 25
 Clove Pink, old original fragrant variety . . 5
 Digitalis (Fox-glove), finest mixed 5
 Double Hollyhock, 16 colors mixed 15
 Ipomopsis, long spikes of beautiful flowers . 5
 Iris Kämpferi (Japanese Iris) finest mixed . 10
 Perennial Larkspur, finest mixed 5
 Perennial Pea, red and white mixed 10

Perennial Poppy, very showy, mixed colors . 5
 Perennial Candytuft, white 10
 Sweet William, (Improved Prize). My strain is the finest in the country and has received many first prizes at the shows of the Mass. Horticultural Society; double and single, 38 varieties mixed 10

SEEDS OF HOUSE PLANTS.

Tuberous Begonia. One of the handsomest and easiest grown of all house plants, and they also do well bedded out in a partially shaded situation. The plants are a mass of bloom from June to November. The flowers, which are both single and double and from three to six inches in diameter, are of great variety of colors—white, various shades of yellow, and every shade of red from pink to scarlet and deepest crimson. There is a richness and elegance about their flowers peculiarly their own and their exquisite beauty is not surpassed by any flower, not even Orchids; and the foliage is as beautiful as that of many kinds of Begonias grown for beauty of foliage alone.
 Begonia gigantea, International strain, a mixture of the best European and American strains; packet 20
 Double varieties mixed, packet 35
 One packet each, double and single varieties for 45 cents.
 Cineraria grandiflora. Nothing else will give such a wealth of flowers during the winter and spring months as the Cineraria. The plants grow from one to two feet tall and bear great masses of flowers, each flower from 2½ to 3 inches across. The colors are exceedingly rich and velvety, running through all the shades of red and blue—from light crimson to maroon, and from light blue to a rich plum purple—many varieties having a large white center with a band of some other color. The strains I offer were awarded the FIRST PRIZE at the Columbian Exposition in competition with eighteen of the best strains from European and American growers, and undoubtedly are the best in the world.
 Tall varieties mixed 20
 Dwarf varieties mixed 20
 Calceolaria grandiflora. One of the grandest of house plants, bearing a perfect mass of gorgeous, pocket-like flowers in the spring. Flowers of various shades of yellow, red and maroon, often elegantly spotted and blotched. Sow seeds in July and August. Choicest mixed 20
 Cyclamen. Splendid bulbous plants, with Orchid-like delicately colored flowers in abundance all winter. The leaves are very prettily variegated and veined, and it is sure to delight all who grow it. Purple, rose, white, etc., mixed colors 15
 giganteum, magnificent, very large flowers 2½ inches across, mixed colors 25
 Chinese Primrose (Primula sinensis). One of the most satisfactory of house plants. The flowers are white and many shades of red, some finely striped and spotted. Sow seeds from April to July and they will bloom profusely the following winter and spring. Cover seeds an eighth of an inch with fine, light soil, and keep the earth quite moist and at about 60° Fine mixed 10
 Choicest mixed, the best English, German and Italian strains of Fern-leaved and Large-flowered Fringed varieties, mixed 20
 Ever-blooming Primrose (Primula obconica). One of the very best house plants. The flowers are about an inch across, in large clusters on long stems, and a plant is never without flowers, a good plant often having twenty or thirty clusters on at a time. The flowers are white, sometimes tinged with lilac, and have the true Primrose fragrance. This is one of the things that cannot be too highly praised and is sure to please everybody 10
 grandiflora, flowers nearly double the size of the above 15
 Gloxinia grandiflora. This is a superb summer-blooming bulbous plant, producing magnificent, large, bell formed flowers of peculiar richness and coloring. They are white and all shades of purple and red, from rose to crimson, some with a border of another color, others elegantly stained and spotted. There is a peculiar richness about them which attracts the admiration of every one. The seeds I offer are from the finest strains to be procured and are unsurpassed for variety; size and brilliancy of color. All colors mixed; per packet 20

SELECTED VEGETABLE SEEDS.

I do not offer a long list of varieties, but only such as experience has shown to be the best. My stocks are obtained from the most reliable sources and are of as good quality as any put up by any seedsmen. They are put up in large packages, three packages of such things as cucumbers, melons, squashes, beets, turnips, etc., containing about an ounce, and three of corn, beans and peas, about one-half pint. The price of all varieties in this list is five cents per package. Those who want more than one package of a kind may have three of *any one variety* for ten cents, except those otherwise priced.

Bush Beans: Black Wax; Dwarf Horticultural; Boston Favorite.
 Pole Beans: Speckled Cranberry; Lima.
 Sweet Corn: Cory; Marblehead; Crosby; Black Mexican; Squantum; Evergreen.
 Peas: Little Gem; Abundance; Champion of England.
 Asparagus: Conover's Colossal.
 Beets: Egyptian Blood Turnip; Eclipse; Early Bassano; Blood Turnip; Long Blood; Sugar.
 Cabbage, Summer: Winningstadt; Selected Early Wakefield; Henderson's Early Summer.
 Cabbage, Winter: Warren; Allhead; Marblehead Mammoth; Brunswiek; Flat Dutch; Nettle Savoy; Mammoth Rock Red.
 Cauliflower: Henderson's Early Snowball.
 Carrot: Oxheart; Early Horn; Danvers Orange.
 Celery: Boston Market; White Plume.
 Cress or Pepper Grass: Extra Curled.
 Cucumber: Early Russian; Early Cluster; White Spine; Green Prolific; Evergreen.
 Dandelion: Large Leaved.
 Egg Plant: New York Purple.
 Lettuce: Early Tennis Ball; New York; Deacon.

Melon, Musk: Nutmeg; Emerald Gem.
 Melon, Water: Pinney's Early; Peerless.
 Onion: Early Red; Wethersfield Large Red; Danver's Yellow Globe; White Globe.
 Parsley: The Emerald.
 Parsnip: The Student.
 Pepper: Tomato Formed; Sweet Mountain; Ruby King.
 Pumpkin: Sugar; Jumbo.
 Radish: Red Turnip; Long Scarlet; Chartier; French Breakfast; Rose Winter.
 Spinach: Round Leaf.
 Squash, Summer: Bush Crookneck; Bush Scaloped.
 Squash, Winter: Hubbard; Marblehead.
 Salsify or Vegetable Oyster: Mammoth Sandwich Island.
 Tomato: Beauty; Favorite; Champion; Strawberry; or Winter Cherry.
 Turnip: Strap-leaf Red Top; Yellow Globe; White Egg.
 Sweet, Medicinal and Pot Herbs: Sweet Basil; Caraway; Coriander; Hoarhound; Lavender; Sweet Marjoram; Sage; Summer Savory; Tansy; Thyme; Wormwood.

RECENT INTRODUCTIONS OF SPECIAL MERIT.

BEAN, Burpee's Bush Lima. This is about 1½ feet high, and branches so vigorously that each plant forms a circular bush from two to three feet in diameter, each plant bearing from 50 to 100 large pods well filled with beans which are exactly the same in size and quality as the large pole Lima. Any one can now raise an abundance of the delicious Lima Beans without the expense and labor of using poles. Price 10 cents per packet; three, 20 cts.

BEAN, Henderson's Dwarf Lima. This is in my opinion the most valuable of the Bush Limas for culture where the seasons are short as it is *two weeks earlier than any other Lima Bean*, and so hardy that, with good soil, it is as easy to grow as any of the common bush beans. The beans are not so large as the large Limas, but fully equal to them in quality and so prolific that a small patch will bear all an ordinary family will want for two months. 10 cents per packet; three, 20 cents.

BEET, Columbia. This is fully as early as Egyptian, is turnip-shaped, with dark red flesh, and keeps tender and fit for the table for a long time. Packet, 5 cents; four for 15 cents.

CELERY, Pink Plume. This is similar to the popular White Plume in being self-blanching, but the stalks are suffused with pink, and it is of better quality. 5 cents per packet; 4 for 15 cents.

CELERY, Golden Self-blanching. This is considered by many the best celery in cultivation; solid, crisp and of delicious flavor. 5 cents per packet; four packets for 15 cents.

CUCUMBER, Evergreen. This new sort is one of the very best for slicing and possesses every qualification required for a perfect pickle cucumber, being very hardy, very early, evergreen and wonderfully prolific. Packet, 5 cents; four packets for 15 cents.

LETTUCE, Iceberg. A very quick growing sort, with large, handsome heads and curly leaves, very tender and crisp. 5 cents per packet; four for 15 cents.

MUSKMELON, Osage. This is without exception the finest of all the large salmon-fleshed melons. The flesh is often 2½ inches thick, of a deep rich salmon color, and the sweetest and richest of the salmon-fleshed sorts unless it is the Paul Rose. The best of all for market where a large melon is required. Extra selected seed, 5 cents per packet; 4 for 15 cents; ¼ lb. 30 cents; 1 lb. \$1.00.

MUSKMELON, Paul Rose. This superb new sort is a cross between the Nettle Gem and Osage. It is very uniform, about 5 inches in diameter, ribbed and fine-netted. The flesh is thick, of a deep orange color, and for rich,

delicious flavor, is not equalled by any other. It is a splendid market sort and just the right size for the table. Extra selected seed, per packet, 5 cents; 4 for 15 cents; ¼ lb. 40 cents; 1 lb. \$1.25.

MUSKMELON, Nettle Gem. This variety, first introduced 20 years ago, has become famous within the past few years under the name of Rocky Ford. The melons are of medium size, roughly netted, and the best in quality of all the green-fleshed sorts. Extra selected seed, 5 cents per packet; four for 15 cents; ¼ lb. 30 cents; 1 lb. \$1.00.

WATERMELON, Kleeckley Sweets. After testing all the varieties introduced to date, I unhesitatingly pronounce this to be the richest, sweetest variety of all. It is oblong in shape, of large size, dark green, with remarkably thin rind and bright scarlet flesh, very melting and entirely free from the stringiness so common in many varieties. 5 cents per packet; 4 for 15 cents; ¼ lb. 30 cents; 1 lb. 60 cts.

ONION, The Prize Taker. A globular, straw-colored variety of immense size, specimens having been grown to weigh four to five pounds each; of mild flavor. 10 cents per packet; three for 20 cents.

SQUASH, Golden Hubbard. This is one of the best winter varieties I have ever tried. It is a sport of the Hubbard and is a perfect type of the parent except in color, which is a bright deep orange yellow, very showy and attractive. Flesh deep golden yellow, richer in color than the Hubbard, very fine-grained, remarkably dry and sweet. It has a very hard shell, is a good keeper, and earlier and more productive than the Hubbard. As soon as its many good qualities become known it will undoubtedly become one of the leading fall and winter varieties. 5 cents per packet; four for 15 cents.

RADISH, Earliest Button. The quickest growing of all sorts, maturing fit for the table in 23 days; mild and crisp. 5 cents per packet; four for 15 cents.

SWEET CORN, First of All. The Cory has for several years stood at the head of the list for earliness, but this new variety, "First of All," in many trials in various parts of the country proved to be from *four to six days* earlier than the Cory. It is very productive, ears of medium size, and often have ten or twelve rows, while it is fully equal to Cory in quality. 10 cents per packet; three for 20 cents.

TOMATO, Early Imperial. All things considered, this is the best early variety. It is very early, of good size, smooth, solid, of the finest quality, and a great bearer. 5 cents per packet; four packets for 15 cents.

ADDITIONAL LIST OF STANDARD FLOWER SEEDS.

The following list contains good standard flower seeds, too well known to need extended descriptions. All are annuals, except those otherwise noted. All are of the choicest quality, the best that can be procured. Each variety is five cents per packet, unless otherwise priced.

- Ampelopsis Veltchi (*Japanese or Boston Ivy*.) Perennial.
- Amarantus. Gorgeous foliage plants with crowns of brilliant red, yellow and maroon foliage. Six varieties mixed.
- Bryoniaopsis laciniosa. Elegant climber; striped fruit.
- Brachycome (*Swan River Daisy*.) Mixed colors.
- Bartonia aurea. Large, golden yellow.
- Cleome pungens (*Giant Spider Flower*.)
- Cardiospermum (*Balloon Vine*.)
- Candytuft, Dwarf white. Very fine.
- Cosmos, Giants of California. Mixed colors.
- Giant Pink (*Butterfly*.)
- Giant White (*White Water Lily*.)
- Cruel Plant, (*Physianthus albens*.) Perennial.
- Cyclanthera exfoliata. A very fine climber.
- Diamond Flower (*Inopsidium*.) Dwarf, white.
- Didiscus. Umbels of blue and white.
- Euphorbia marginata (*Snow-on-the-Mountain*.)
- Euphorbia heterophylla, (*Fire-on-the-Mountain*.) Very showy tufts of scarlet and green leaves during latter part of summer.
- Echinocistis lobata. Fine, showy climber; 30 ft.
- Fuchsia. Finest hybrids mixed. Packet, 15 cts.
- Gaillardia picta Lorenziana fl.-pl. One of the very best and most showy of the annuals with large heads of flowers on long stems. Mixed colors.
- Gardoqua. Very fragrant, reddish flowers.
- Geranium odoratissimum (*Apple-scented*.) 15 cts.
- Lady Washington (*Pelargonium*.) Choicest mixed. Packet 20 cts.
- Gypsophila (*Mist Flower*.) Very graceful sprays of small pink and white flowers, indispensable for bouquets. Mixed colors.
- Godetia. (*Satin Flower*.) One of the most beautiful annuals with large Azalia-like flowers. 10 varieties mixed.
- Helianthus annuus fl.-pl., (*Double Sunflower*.) cucumerifolius. Small, showy, single fl.
- Ipomoea grandiflora (*Giant White Moon-flower*.)
- Leari (*Giant Blue Moon-flower*.)
- Coccinea elegans. A beautiful climber with sprays of small scarlet and yellow flowers.
- Linaria Cymbalaria (*Keenworthy Ivy*.)
- Lily of the Valley (*Convallaria majalis*.)
- Lobelia. Fine for bedding. 15 varieties mixed.
- Lantana. Finest mixed. Soak seed 4 days.
- Lemon Verbena (*Aloysia*.) Very fragrant.
- Lychnis (*Burning Star*.) Very fine. Mixed colors.
- Lupin. 15 annual sorts mixed.
- Linum perenne (*Perennial Flax*.)
- Linum grandiflorum rubrum, (*Scarlet Flax*.)
- Malope grandiflora. Large, red and white.
- Mignonette, Golden Queen. Yellow flowers.
- Nigella. Six varieties mixed.
- Mirabilis Jalapa (*Four O'clock*.) 8 sorts mixed.
- longiflora (*Jockey Club*.) Very fragrant.
- Memphila. Blue and white, variegated.
- Mimulus (*Monkey Flowers*.) Mixed colors.
- moschatus (*Musk Plant*.)
- Oxalis corniculata purpurea, rich purple-brown leaves and yellow flowers. Fine for beds.
- (E)nothera grandiflora. Large, yellow flowers.
- Perilla nankinensis. A fine foliage plant with deep blackish purple leaves.
- Polygonum orientale (*Ragged Sailors*.)
- Pyrethrum roseum (*Insect Powder Plant*.)
- Physalis Franchetti (*Chinese Lantern Plant*.) Perennial.
- Primula elatior (*Polyanthus*.) One of the best perennials. Finest mixed, 10 cts.
- Platycodon grandiflora. Large, blue, perennial.
- Salvia patens (*Blue Salvia*.) Packet, 15 cts.
- Swanstonia (*Swan Flower*.) Mixed colors. 10c.
- Smilax. Beautiful house vine.
- Solanum Capsicastrum (*Jernsalem Cherry*.)
- Tritoma uvaria grandiflora (*Red-Hot Poker*.)
- Tritoma (*Rose of Heaven*.) Mixed colors.
- Virginian Stock (*Cheiranthus*.) Mixed colors.
- Verbena lutea (*Primrose*.) Light yellow.
- teucrioides. White, sweet-scented.
- erinoides (*Moss Verbena*.) Purple.
- erinoides alba (*White Moss Verbena*.)
- Whitlavia campanularia (*California Blue Bells*.)

EGYPTIAN PAPER PLANT.

(*Scirpus antiquorum*.)

This is the plant from the pith of which the ancients made papyrus or paper. Aside from the historical interest connected with it, it is one of the very best decorative plants I have ever seen. It throws up from the root from four to ten or more strong, dark green, triangular stalks from five to ten feet tall without a joint or leaf, but which support at the top large umbels of numerous long thread like leaves which spread out in the form of an umbrella and give the plants a very stately, graceful and striking appearance. It makes a magnificent lawn plant either as a single specimen or planted in connection with the semi-tropical foliage plants. It is also superior to any Palm for growing in pots for the decoration of windows, halls or conservatories, or for any purpose for which palms are used. It is a plant that will grow and thrive with any sort of decent treatment. It likes a rich soil and an abundance of water. It is a perennial, and when planted out may be taken up in the fall before frost and potted for the house. When grown in pots it makes the most rapid growth if the pots are kept standing in a dish of water. Sow seeds as early as possible in a pot and set the pot in a dish of water so that the earth will be constantly saturated with water, and keep in a very warm place till it germinates. Packet, 10 cents.

WATER LILIES.

Water Lilies and other aquatics can be grown so easily in ponds, tanks or tubs that their cultivation has increased very rapidly during the past few years. No more attractive feature can be added to any place than a water garden, and no other class of plants will give so much pleasure to the owner or require so little care when once properly started. I can supply about fifty varieties of Water Lilies, of all colors, but have room for only a few of the best varieties here. I shall be glad to send my complete descriptive price list of aquatics to any one desiring it. They should be planted in May or June.

HARDY WATER LILIES.

These will bear the winter in the open air in any part of the U. S., and are very easily grown in ponds, tanks, or tubs. The roots I send out are usually in bud and are sure to flower the first season.

- NYPHÆA odorata. The common native Water Lily of the Eastern States. Price 20 cents each; three for 50 cents; seven for \$1.00.
- N. odorata rosea. This is the rare pink variety of odorata, sometimes called the Cape Cod Pink Lily, and is the most lovely of all the hardy varieties. It begins to bloom earlier in the season and continues to bloom later than the common variety, and is of a lovely pink or rose color. 50 cents each; three for \$1.35; six for \$2.50; 25 for \$10.00; \$35.00 per 100.
- N. odorata sulphurea. A very choice new variety with large yellow flowers, the deepest in color of any yellow variety; the leaves beautifully mottled with brown. 60 cents.
- N. alba candidissima. The finest of all hardy varieties. It is much better than odorata, beginning to flower earlier and continues in bloom till frozen up in the fall. The flowers are pure white, the petals being very broad and much more waxy than those of N. Odorata and in rich soil will grow up to six or seven inches across. 75 cents each.
- Nymphæa Marliacea chromatella (*Marliac's Yellow Water Lily*). This lovely variety is perfectly hardy and truly a gem. The plant has the vigorous habit of alba candidissima, and it flowers every day from May to October, an established plant often having a dozen or more open at one time. The flowers are fragrant, four to seven inches across, with broad waxy petals of a beautiful sulphur yellow color, with bright orange stamens. 50 cents each; three for \$1.35; six for \$2.50; 25 for \$10.00; \$35.00 per 100.
- N. Marliacea rosea. One of the choicest of the hardy varieties and very scarce. The flowers are as large as those of chromatella, but of a soft rose color. It is of the same free-flowering vigorous habit. \$1.50 each.

BURBANK'S LATEST FLORAL WONDER,

NEW HARDY CHRYSANTHEMUM OR SHASTA DAISIES.

This is the latest floral production of LUTHER BURBANK of California, who has originated by hybridization so many remarkable and valuable new fruits and flowers that he is often called the "Wizard of Horticulture." During the past few years, when Shasta Daisies were being bred and educated up to their present state, more admiration has been bestowed upon them by visitors to his grounds than upon any other flowering plant among the millions he grows, and with good reason, for no other flowering plant can compare with them in extent of usefulness. They are perfectly hardy anywhere it is not cold enough to kill an oak tree. They are perennial, blooming better and more abundantly each season and during several months; in California nearly all the year. The flowers are extremely large and graceful, averaging about a foot—often more—in circumference, with three or more rows of petals of the purest glistening whiteness, on single, strong, stiff, wiry stems, nearly two feet in length. These Shasta Daisies were produced by crossing American, European and Japanese species. Some of the flowers were exhibited for the first time in the window of a prominent florist. Crowds of people visited the establishment to enquire about the latest floral wonder. The blooms when cut remain perfectly fresh and in good condition for *two weeks or more*, making them of the greatest value for cutting. Bearing in mind that the flowers are often over four inches in diameter with large golden yellow centers, some idea can be had of the dazzling whiteness and glowing gold of the display they make. CARL FURBY, the well known expert, says of them: "I have watched the development of the Shasta Daisy in Mr. Burbank's grounds for several years past and pronounce it the best white flower for garden and house decoration which I have ever seen. It is worthy of all the praises bestowed upon it." The seeds will produce flowers varying in form, and being a new hybrid race it would not be strange if double flowers and of other colors should appear among seedlings. Seeds should be sown in a box in the house in soil of a sandy nature, and transplanted to a rich, sunny location, about two feet apart. Packet, 15 cents; two packets for 25 cents.

VERBENA, BURBANK'S NEW FRAGRANCE STRAIN.

This is another of Mr. Burbank's productions. He says: "This came originally from 'May-flower Verbena,' but is improved so that a greater per cent. are fragrant, and in all colors now. The flowers are of the very largest size." Packet, 15 cents.

JAPANESE KUDZU VINE, (*Pueraria Thunbergiana*.)

The most rapid-growing hardy vine ever seen. The roots perfectly hardy, the vines coming up new in the spring, growing 10 or 15 feet the first season and 40 or 50 feet when established. It has large luxuriant foliage and bears racemes of rosy purple pea-shaped blossoms in August. Packet, 10 cents.

DAHLIAS AND GLADIOLI FROM SEEDS.

Few are aware that these popular flowers can be as easily grown from seeds as Zinnias or any of the common annuals, but such is the fact and this is the easiest and cheapest way to get a fine collection of them. All the named varieties were obtained in this way and often as many can be grown from a packet of seeds as would cost several dollars if bulbs were purchased, and no matter how many plants are grown the flowers of seedlings vary so much in color that it is difficult to find two exactly alike, and many of them will have flowers as good as the named sorts. To watch the opening of the first flowers of each plant noting that they are new and perhaps different from any ever before produced, adds greatly to the pleasure of the true flower lover; and there is always a chance of obtaining a variety superior to any of the named sorts, which some dealer will be glad to buy for a good price. Dahlias from seeds started in the house in March or April will flower the first season, and almost or quite as early as plants from tubers. Seeds of Dahlias, saved from a collection of over 200 of the finest double varieties of all classes, the large-flowered *Show and Fancy*, *Pompon*, *Cactus*, and the popular single varieties so fine for cutting,—all varieties mixed, 15 cents per packet.

GLADIOLUS. Sow seeds in the open ground in May in drills $\frac{1}{2}$ inch deep and keep well watered and shaded till up. They will have bulbs the size of pens the first year which can be kept over winter like the large bulbs and will make blooming bulbs the second year. Seeds saved from over 400 named varieties of all classes, *Gaudavensis*, *Lemoline's Hybrids*, *Childs*, and the new and magnificent *Naucianus Hybrids*, all mixed, per packet 15 cents.

SPECIAL OFFER: One packet each of Dahlias and Gladiolus for 25 cents.

THE MOUNTAIN BEAUTY.

ANTIGONON LEPTOPUS.

This is one of the rarest and one of the most beautiful climbing vines ever seen. It resembles in its manner of growth and enormous clusters of flowers the Wistaria. The flowers are of a bright carmine rose color, and borne in great profusion. An established plant covered with its large clusters of gorgeous flowers is a grand sight. It is a rapid grower and succeeds in any soil or situation, and will no doubt become very popular for covering posts, trellises, fences, verandas and buildings. It has proven perfectly hardy in Pennsylvania with some protection, and it is such a magnificent vine that it should be tried everywhere. The vines die down to the ground in the fall, new ones growing from the roots in spring, and where the winters are very severe, the roots can be easily protected by covering with leaves or straw. It is easily grown from seed. In order to induce my customers to give it a trial I have placed the price very low. Packet, 5 cents.

JAPANESE CLEMATIS.

Clematis paniculata.

This new plant from Japan is perhaps the finest hardy climbing plant ever introduced. It is of very rapid growth quickly covering fences, arbors, or buildings, climbing to a height of 15 to 30 feet, and is perfectly hardy. The flowers are pure white, about an inch across, and borne in large panicles and very fragrant. It blooms in September at a time when few other vines are in bloom, and so profusely are the flowers produced that the vines are a solid sheet of white. The rapidity of its growth, handsome foliage which is seldom touched by insects, beautiful and fragrant flowers so freely produced, combined with its hardy nature makes it one of the very choicest of recent introductions and one I can thoroughly recommend. Packet, 10 cents.

CLEMATIS graveolens. Fine, hardy climbers 15 feet bearing a profusion of yellow flowers. Packet, 10 cents.

