

Sunset Seed and Plant Co.

SAN FRANCISCO,
CALIFORNIA



1896

(FOR PARTICULARS SEE NEXT PAGE.)

PARLOR COLLECTION OF PALMS



"THE TWINS" (CALIFORNIA FAN PALMS AT SUNSET NURSERIES).

On the front of the cover we have illustrated some of the most desirable and easily grown palms for house decoration, and now append description and price of each. The full collection will be supplied, one each of the six varieties, for \$7.50. This is a wonderful bargain.

ARECA LUTESCENS. A lovely palm, with pinnate (feathery-shaped) leaves, beautifully arched; color of leaves, light green; stems and ribs yellow, contrasting beautifully with the green segments. This palm throws up shoots from the crown, which adds greatly to its beauty. Plants four years old, in five or six-inch pots, \$2.00 each.

CORYPHA AUSTRALIS. The leaves are fan-shaped, many being circular, divided on the edge into many segments, borne on long stems armed with stout spines; color, dark green; strong, sturdy habit. Plants three to four years old, in five or six-inch pots, \$1.00 each.

KENTIA FOSTERIANA. The most beautiful of house palms. The leaves are feathery and gracefully arched, of a leathery texture, yet soft and delicate; stems unarmed with spines, of a pleasing green color. Plants three to four years old, in five or six-inch pots, \$2.00 each.

LATANIA BORBONICA. Fan-shaped leaves, attaining immense size; edges divided into segments; stems long and arched, armed with stout spines. Plants three years old, in five or six-inch pots, \$1.50 each.

PHŒNIX RECLINATA. A graceful, feathery palm; leaves dark green; of rapid and strong growth. Plants three years old, in six or seven-inch pots, \$1.25 each.

SEAFORTHIA ELEGANS. A most elegant sort, with feather-shaped leaves; of most graceful habit. Plants three to four years old, in six or seven-inch pots, \$1.75 each.

We are prepared to ship one, or any desired number of these plants, at prices named for each.

CANAIGRE

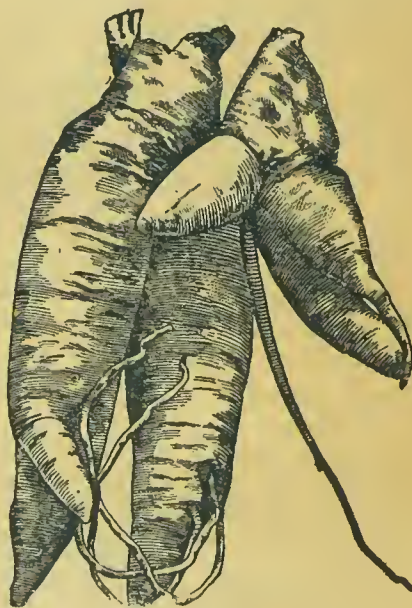
(Or, Tanners' Dock Weed)

(Synopsis of Reports of California State Board of Horticulture and University of California.)

Canaiigre contains twenty-three to thirty-three per cent. of tannic acid—technically *rheo-tannic acid*; starts its growth with first rains in October and November, blooms about the end of January, ripens its seed in April, and dies down to the ground in May. Does best in light soils. It is not definitely settled that it will thrive where the ground freezes severely in winter. The easiest way to obtain a "stand" is to plant the smaller roots obtained in harvesting a crop. These develop rapidly, and when irrigated quadruple their weight in one season. Much irrigation is not recommended, as the more moisture the less the yield of tannic acid. Plant the roots one foot apart, in rows, and two and a half feet between the rows. Ten tons to the acre is a fair average crop. The roots do not die or decay when left in the ground; so time of harvesting may depend on the demand and the convenience of the farmer. The Canaiigre root keeps excellently when spread out in a dry place, but spoils quickly when kept in a pile. The crude vegetable is too hulky to profitably transport any great distance. Factories must be erected to extract the tannin. Six tons of green roots will yield one ton of extract.

We sell the dry roots, which vary in size from one-half inch to three inches in diameter. We do not guarantee any especial size, but deliver roots as they come in our stock, which has been selected for planting purposes.

Price, per pound, 10 cents; per 100 pounds, \$7.50.



CLUMPS OF ROOTS OF CANAIGRE.
(One-quarter Natural-Size.)

Sunset Seed and Plant Co. San Francisco, Cal.

Sunset Seed and Plant Company.

427-9 Sansome St., San Francisco, Cal., January 15, 1896.



Sunset Salutory.

We tender you herewith a carefully compiled epitome of horticultural knowledge, the possession of which cannot fail to result in pleasure and profit to our numerous patrons. Added to this is a most careful and complete assortment of varieties of plants, seeds and fruit trees, all of which, from practical experience, we know will adapt themselves to the diversified requirements of this western section of our national domain. As all effort is entitled to compensation, we trust ours will be appreciated during the approaching season as it has been in the past, and should your appreciation go beyond your personal requirements, you can at least manifest approval by kindly words to those of your friends who need something in our line.

- POSTAGE** Seeds in packets, ounces and quarter pounds are sent postpaid at catalogue prices—but postage at the rate of 8 cents per pound must be included for seeds in quantities of one-half pound and upwards.
- DISCOUNT** On all orders for seeds in packets the purchaser may select 20 cents worth extra for each one dollar sent us. This discount applies to seeds in packets only and is not allowed on seeds by the ounce, quarter pound, pound, etc.

Novelty List—Plants.

Arbor-Vitæ Lobbi semper aurea. Branchlets beautifully variegated with golden yellow. A decided improvement on the old sort. Price, 4-inch pots, 9 to 12 inches, 25c each.

Asparagus ornatus. Variegated Asparagus. This handsome variegated plant has all the graceful luxuriance of a robust climber. The leaves are very bright and glossy green, richly and irregularly marked with large silvery blotches. Price, 4-inch pots, 50c each.

Carex japonica variegata. Foliage slender, grass like, edged with white; of extremely easy growth. This new decorative gem is of exquisite gracefulness and will rank high for florists' work. Was introduced by Messrs. Veitch & Son, who were awarded a first-class certificate by the Royal Horticultural Society of England. Price, 4-inch pots, 50c each.

Caryopteris Mastacanthus. Blue Spiræa. This interesting plant attains a height and also width of three to four feet; foliage medium size, naturally clean and healthy. Extremely floriferous throughout the season, producing dense flower-heads of a rich lavender-blue. During the entire season the bushes are covered with honey bees, showing that it is a valuable plan for bee keepers, continuing as it does in flower after other plants have ceased to bloom. It is well known that bees know a good thing when they see it. Price, 5-inch pots, 35c each.

Catalpa Bungei. Flowers greenish-yellow; dotted with red; leaves large; very dense, making a most beautiful head. This variety we have grafted on the common stock. A tree of great beauty. Price, 5 to 6 feet, 75c each.

Cryptomeria japonica compacta. This variety has sea-green foliage; is conical; of a dense, compact habit. A great acquisition. Price, 7-inch pots, 1 to 2 feet, \$1.00 each.

Cypress. Monterey variegated. Similar to the common variety, excepting that the foliage is tipped with golden-yellow; presenting an imposing effect. Price, 8-inch pots, 3 feet, \$1.50 each.

Daphniphyllum macrocarpum. Leaves large, broad, leathery. A Japanese hardy evergreen shrub of great beauty. Price, 7-inch pots, 2 to 3 feet, \$1.50 each.

Eucalyptus ficifolia (fig-leaved). Scarlet Flowering Gum. Nothing in nature is more gorgeous than this tree in bloom with its brilliant scarlet trusses of flowers in magnificent profusion; it blooms even when quite small. The foliage resembles the leaf of the common *Rubber Tree* but is smaller. It does not exceed 50 feet in height. A native of Australia. Price, 3-inch pots, 1 to 1½ feet, 40c each; 5-inch pots, 2 to 3 feet, 75c each.



CRYPTOMERIA JAPONICA COMPACTA.

- Hydrangea otaksa monstrosa.** Blooms are intense rose, shaded white, the clusters of which are borne much more generous in size than those of the old variety *Otaksa*. Quite small plants bear blooms of enormous size of great lasting qualities. This variety is a free grower, and profuse in the production of bloom. One of the finest novelties on our list. Price, 4-inch pots, 50c each.
- Hypericum moserianum.** The New St. John's Wort. Flowers rich golden-yellow; single; large, resembling a single rose. The blooms completely cover the bush (of a trailing habit) from spring to late fall. A deciduous flowering shrub of rare beauty. Price, 3-inch pots, 25c each.
- Lophostemon australis** (Synonym *Tristania*). An evergreen tree of value from Australia. Is of noble appearance and unsurpassed for lawn adornment. Price, 6-inch pots, 1 to 1½ feet, 75c each.
- Lotus peliorhynchus.** Coral Gem. Has beautiful scarlet flowers, disposed in long racemes remaining a long time in bloom and produces a most beautiful effect; leaves of a silvery-gray hue; very graceful. The drooping habit of this plant renders it very suitable for hanging baskets; hardy. Price, 3-inch pots, 25c each.
- Magnolia Watsonii.** Flowers cream colored, crimson anthers; large, fragrant, borne in great profusion and appearing when the tree is young. Leaves large and leathery. A new deciduous variety recently introduced from Japan. Price, 7-inch pots, 2 to 3 feet, \$2.00 each.
- Marguerite. Semi-Double White.** This, without doubt, is the finest semi-double white marguerite ever offered to the public; the flowers are without exaggeration twice the size of the old variety. A marvelously profuse bloomer. Invaluable for florists' work. Price, 4-inch pots, 25c each.



NEPHROLEPIS EXALTATA PLUMOSA.

Two New Nasturtiums. We now offer for the first time two charming novelties in this old favorite flower. One has a delicate, dainty, double, scarlet flower. The other has marvelously variegated leaves. The one is so different from the other and yet each so choice that we make a special price of 40c for the two, or 25c each.

Nephrolepis exaltata plumosa. The tips of the fronds are densely branched, the crest of each one being a close, glossy mass of green. Very hardy and easily grown; one of the finest ferns of its class. Price, 3-inch pots, \$1.00 each.

Opuntia. Edible Cactus. The fruit of this cactus is the chief food of the people of the North African countries. It is peculiar in being nearly spineless; produces immense quantities of red and yellow fruits very palatable and refreshing—the favorite food of the Arabs and Moors. Our stock is limited and those wishing to secure this rare novelty should order at once. Price, 4-inch pots, 50c each; 6-inch pots, \$1.00 each.

- The Blue Solanum** (*Solanum Azureum*.) Produces clusters of large, lavender-blue, Wistaria-like flowers, brilliantly set off with golden stamens, each cluster measuring fifteen inches in circumference and often attaining a length of twelve inches; it is of robust growth. Price, 25c each.
- Strobilanthes Dyerianus.** Flowers large funnel-shaped, of lovely violet-blue, contrasting beautifully with the richly varied coloring of the leaves, which are of a bright metallic purple or peacock blue, shading into light rose and margined with silvery green. The plant is of easy culture, very vigorous and enduring, very effective for bedding, table decoration, parlor or conservatory. One of the finest plants of its class ever introduced. It has created a great sensation wherever exhibited and was awarded the Gold Medal offered by the King of Belgium at the Ghent Exhibition. Price, 3-inch pots, 25c each; 4-inch pots, 40c each.
- Thysacanthus rutilans.** Carmine Fountain. The following is an extract from *Fleurs des Serres*, by Mr. Louis Van Houtte. "To say that the plant has fulfilled all expectations is to keep within the truth. It was described and pictured as bearing racemes of flowers, 6 to 8 inches long, yet the plant before us is covered with sprays over 20 inches in length, all garnished with flowers of the brightest carmine. It is a good plant in every meaning of the word, a precious plant for decorative purposes, and a credit to Mr. Linden." This plant comes to us highly recommended, and we can corroborate all that has been said in its praise. Price, 4-inch pots, 50c each.
- Vitis coignetia.** Leaves large, of a brilliant scarlet hue in autumn; the handsomest of all colored-foliaged vines. Here we have a grand new climber of rapid growth and desirable in every way. Price, 4-inch pots, 25c each.
- Washingtonia sonorea.** Leaves fan-shaped, medium size, no filaments; dark green; stems short, thorny. Of upright, compact growth. This choice Palm comes from Northern Mexico and Lower California. Price, 1 to 1½ feet, \$1.00 each.
- Wistaria Multijuga flore-pleno.** This is a beautiful new variety producing double purple flowers, 1½ to 2 feet long, and in the most wonderful profusion. Price, \$1.00 each.

Roses.

- Blanc Double de Courbet** (*Rugosa*). Pure white, blooms in clusters of from five to ten flowers, freely produced; double; very sweet, a strong rampant grower, having the true *Rugosa* foliage. This rose comes from Kamtchatka. Price, 3-inch pots, 50c each.



Clio (*Hybrid Perpetual*). Soft flesh color shading into rosy-pink at the center; flowers very large, fine globular form; very freely produced; a strong and vigorous grower. A Queen among Hybrid Perpetuals. Price, 3-inch pots, 50c each.

Corinna (*Tea*). The tints of color in this variety render it quite distinct from all other tea roses. They may be described as flesh color shaded with rose and suffused with tawny-copper; flowers large, full, of excellent shape and freely produced. The plant is vigorous. Price, 3-inch pots, 35c each.

Ellen Cooper (*Tea*). This is a seedling raised from *Duchesse de Brabant*, which it resembles in growth and foliage. It is a single rose; color soft rosy-pink, yellow at base of petals; of good form and size. Price, 3-inch pots, 50c each.

Lord Penzance's Hybrid Sweet Briers.

These have already attained a world-wide reputation. It is certain they will be a great acquisition. Like their parent *Sweet Brier*, the foliage and flowers are deliciously scented. The flowers are of the most beautiful tints and produced in great profusion. Of vigorous habit. Price, 50c each. Ready March 1, 1896.

Amy Robsart. Lovely deep rose; the buds before opening are most graceful; of true *Sweet Brier* type; an abundant bloomer; robust and free.

Anne of Grierstein. Dark crimson; succeeded by an abundance of pretty clustered hips; large foliage; good grower; graceful branching habit.

Flora McIvor. Pure white, blushed with rose; large, their elegance being increased by the sprays of tender foliage that pass up between them; graceful in habit and growth.

Meg Ferrilees. Gorgeous crimson; free bloomer; large foliage; one of the best.

Rose Bradwardine. Beautiful clear rose; perfect form; one of the freest; robust habit.

Francois Dubreuil (*Tea*). Bright crimson, velvet shadings; buds long and pointed. Price, 3-inch pots, 35c each.

Madame la Marquise Litta (*Hybrid Tea*). Rosy-carmine, with darker center; large, full, cup-form; very sweet; a superb rose. Price, 3-inch pots, 35c each.

Madame Abel Chatenay (*Hybrid Tea*). Rosy-carmine, shading darker; of medium size. Price, 3-inch pots, 35c each.

Madame G. Durrerschmitt (*Tea*). Rose color, reverse flesh; globular in form; 5½ inches in diameter; very sweet. Price, 3-inch pots, 35c each.

Madame Mulson (*Tea*). Satiny-yellow shading to salmon with touches of copper; large, full flower. Price, 3-inch pots, 35c each.

Madame Wagram (*Tea*). Satin-rose; bud and flower of extra size. Price, 3-inch pots, 35c each.

Pink Soupert (*Polyantha*). This is a cross of *Clotilde Soupert* and *Lucullus*; the color is bright Hermosa-pink; bloom smaller than *Clotilde Soupert*; the flowers are produced in the greatest profusion; the foliage is dark and of splendid texture. Price, 3-inch pots, 25c each.

Princess Bonnie. Is a cross of *Bon Silene* and *W. F. Bennett*, two grand old roses; it inherits the fragrance and beauty of the latter and freedom of bloom and vigorous growth of the former. The outside petals are rich, solid crimson, deeper than *Bennett* and more vivid than *Jacqueminot*, while the inner side of the center ones at the base is streaked with white. In fragrance it is, perhaps, the most remarkable rose yet introduced; it is rich and subtle, not the pungent odor of a Hybrid Perpetual, but rather a delicate, refined scent so peculiarly its own. It is a most profuse and persistent bloomer, every shoot producing several perfect flowers. The flowers are borne on long, stiff stems, and have the form of the *Bennett*; they are large, semi-double, and in bud surpass any rose we know. Price, 3-inch pots, 35c each.

Provence Rose. The true variety from which "Attar of Roses" is made. The Provence rose is grown in immense quantities in Turkey, Bulgaria, India, and south of France, hundreds of acres being devoted to its culture for the production of the precious "Attar of Roses." At considerable cost and trouble we have secured the true variety, and have worked up a large stock, which is offered to the public, in California, for the first time, and every flower lover in the State should possess one or more bushes. The flowers are not so brilliant or showy as some of the more modern varieties, but their delightful fragrance more than makes amends for this deficiency. Price (strong plants), 50c each; \$4.00 per 10.



HELIOTROPE FLEUR D'ÉTÉ.



Three New Carnations.

Ready for delivery March 1st, 1896. Price, 40c each, or \$1.00 for the three.

Gold Nugget. A yellow seedling of our own introduction; delicately penciled with carmine, petals deeply fringed. Of free blooming habit; strong, vigorous grower. This variety we think will supersede all other yellows for outdoor culture.

Helen McGowan. A California seedling of great merit; flowers three inches in diameter, very full, deeply fringed; color bright reddish-scarlet, fringes pure white. Has been exhibited at the California State Floral Society's monthly meetings, and has attracted widespread attention by its remarkable beauty. Best adapted to growing in the open ground.

Peachblow. Dark blush-pink; strong, stiff stems; plant vigorous and free.

Five Sterling Carnations of 1895-6.

Awarded certificates of merit by the American Carnation Society at Boston, 1895.

Ready for delivery April 1st, 1896. Price, 35c each, or \$1.50 for the five.

Armazindy. Pure white, very lightly penciled scarlet, can almost be used as a white; magnificent flower, large; calyx never bursts; stem slender but stiff, nearly 3 feet in height. Extremely free in bloom, and absolutely free from disease.

Jubilee. Intense scarlet, very bright; quite full and well built; calyx never bursts; a most persistent

bloomer. One of the largest flowers among the scarlets. Stems slender but perfectly stiff, averages 18 inches in height. Truss stiff and compact, of medium size; a model plant in habit; very strong, robust constitution. It is a splendid keeper and shipper, having taken first premium over all reds at the exhibit of the American Carnation Society, at Boston, 1895, after traveling from Indiana.

Meteor. Deep, brilliant crimson-scarlet; medium-sized bloom, on a firm, strong stem 14 inches to 18 inches high; good calyx, free bloomer. A free, vigorous grower; clean foliage. A most promising dark sort.



VERBENA, WESTERN STAR.

Triumph. Pure pink, yellowish tinge, never shows a trace of purple; is very prolific, and responds to very ordinary treatment; calyx never bursts; one of the very largest of blooms ever seen; stem perfectly straight and from 2 feet to 3 feet in height. A strong, heavy grower, entirely free from disease. A splendid keeper and traveler.

Storm King. Pure white. This variety is certainly a great acquisition, being almost perfect in form; very large; a good keeper, and has a good stem.

Pelargoniums.

Price, 50c each.

Alexander Crow. A sport from *Bush Hill Beauty*, which is a seedling from *Mad. Thibaut*. It is much superior to both. Flowers large; of a mottled deep rose shade; double; edges much fluted. Habit of plant excellent.

Anita. A lovely shade of brightest rosy-pink; upper petals grandly feathered with dark velvety-crimson, with an almost white center; of extraordinary size, combining with it great freedom of bloom. Seedling from *Pilot*.

Mrs. O. W. Childs. An entirely new and distinct variety. It has handsome trusses of extra large, fluted flowers of exquisite rose-pink color, with scarcely any markings on petals. Seedling from *Dorothy*.

Fuchsias.

Price, 40c each, or \$1.00 for the three varieties.

- Bon Vouloir.** Double white corolla, very full, more than medium size; sepals bright red, the color of each being carried down into the pure white petals. Extremely free, both in flower and growth.
- Duchess of Edinburgh.** One of the very finest of the double whites; its dwarf habit and large blooms make it very desirable.
- Madame Bruant.** Double rosy-heliotrope, marked and veined rose; sepals bright red; the flowers are of a size and fullness before unknown.

New Canna.

Price, 50c each.

- Queen Charlotte.** This canna illustrates the highest development, so far, among what may be called the *laced* varieties. The flowers are borne on good, stiff stems and are clustered together in fair-sized trusses; the petals are broad and reflexed, the center of each being a brilliant scarlet surrounded by a broad, distinct band of golden-yellow, which gives it a very unique and novel appearance. The habit of growth is similar to *Mad. Crozy*; the plant attains a height of about three feet and is furnished with heavy bluish-green foliage.

New Abutilon.

Price, 25c each; \$2.50 per dozen.

- Souvenir de Bonn.** Is a singularly beautiful and striking plant, and grows rapidly to be a large bush. The flowers are golden-yellow, beautifully veined with scarlet; borne on long stems; foliage luxuriant green, distinctly edged with a pure white band.

Three Splendid New Heliotropes.

Price, 25c each.

- Fleur d' Eté.** A magnificent sort, having panicles of bloom of the largest size, the individual florets being a wide trumpet-shape; it is of a beautiful shade of blue, shading to white at the center.
- Madame A. Carriere.** Very large white eye, contrasting with the bright blue; panicles very large; extremely free; semi-dwarf.
- Picciola.** Rosy-violet, almost red, with a distinct white center; produces immense panicles.

Verbena.

Price, 15c each; \$1.50 per dozen.

- Western Star.** This is one of the most distinct novelties in verbenas ever offered, and is sure to give satisfaction. The specimen plants which we had growing during the past season attracted universal attention, and were pronounced by all, the showiest of flowers. The plant is of vigorous growth, and so profuse in blossom that at times the plants are literally covered with flowers, as many as fifty trusses sometimes appearing at one time on a plant; the truss is of medium size and fine form. Color white, with a clear scarlet stripe through each petal. A sterling novelty.

Acalyphas.

Price, 75c each.

- Miltoniana.** A very valuable addition to this useful class. The leaf is 4 to 5 inches long by 1 1/4 inches broad, notched and very sharp pointed. Color bright green, bordered with creamy-white; short jointed, and a free rapid grower.
- Triumphans.** Ovate-pointed leaf, 2 inches wide by 4 inches long; very bright red marbled darker red; very fine free grower.

Fruit Trees.

Prune.

- Giant.** The cut faithfully shows the form and size of this grand new prune, which is a cross of *Petite d' Agen* (French) and *Pond's Seedling* (Hungarian), and has attracted great attention among fruit growers. Each fruit averages from one and a half to two ounces in weight, and is sweeter and finer in texture than the *Pond's*, while larger than the *Petite d' Agen*. The flesh is honey-yellow, sweet and good; the fruit is of dark crimson color upon a yellow ground; free stone; ripens same time as *Petite d' Agen*. We are reliably informed that during last season a box of this fruit was cured and the result was a dried prune handsomer than the *Petite* and averaging less than 35 to the pound. It is as a market, table, and shipping prune that the *Giant* stands preëminent, being so firm that it can be shipped four thousand miles and arrive in good condition. This is a case where great size and other rare qualities are combined in one fruit. The tree is an exceptionally strong and vigorous grower, and bears heavy and regular crops. Price, 4 to 6 feet, \$1.50 each (as long as they last). Dormant buds, 50c each.



GIANT PRUNE.



Plum.

Wickson. This new plum is a cross of *Kelsey Japan* and *Burbank Plums*. The following are the remarks of an expert fruit specialist upon the merits of this variety: "Among the many thousand Japan Plums which I have fruited, this one so far stands preëminent in its rare combination of good qualities. The tree grows in vase form, sturdy and upright, yet as gracefully branching as could be desired, and is productive almost to a fault. The fruit is evenly distributed all over the tree, and from the time it is half grown until a few days before ripening is of a pearly-white color, but all at once soft pink shadings creep over it and in a few days it has changed to a glowing carmine with heavy white bloom; the pit is small and the flesh is of a fine texture, firm, sugary, and delicious; will keep two weeks or more after ripening, or can be picked when hard and will color and ripen almost as well as if left on the tree." A great many samples of this fruit were shipped to the Eastern States and all arrived in excellent condition, which speaks well as to its shipping qualities. It ripens before *Satsuma* and after *Burbank*. Price, 4 to 6 feet, \$1.50 each (as long as they last). Dormant bud, 50c each. This and the preceding were introduced by Mr. Luther Burbank.

Pomelo (*Citrus pomelanus*). Grape Fruit.

In size between the orange and shaddock; skin smooth, pale yellow, varies in thickness. Membrane dividing the pulp is bitter and should be removed before eating; pulp sub-acid, very refreshing. The fruit has great tonic properties and is largely used by persons in delicate health as an appetizer. It is becoming very popular in the eastern cities. The past season (1895) they sold for from \$6.00 to \$9.00 per box (caused somewhat by the freeze in Florida). The tree is very beautiful in foliage and attracts much attention when fruiting. It often bears its fruit in clusters. Price, budded trees, 3 to 5 feet, \$1.50 each.

Small Fruits.

Gooseberry.

Corliss' Seedling. Fruit very large, of a bright-green color, shaded yellow; it is most deliciously sweet when ripe, but quite tart when two-thirds ripe. It is an enormous bearer, commencing to bear very young. It is a strong grower and entirely mildew-proof. Price, 50c each.

Blackberry.

Humboldt. Is entirely different in flavor from all other blackberries, being very aromatic, delicious and fine. Price, 30c each.

Raspberry—Red.

First and Best. A magnificent red raspberry, undoubtedly two weeks earlier than any other American red raspberry; sweet, deliciously flavored; good size; splendid shipper; enormous cropper. This variety is different from all other raspberries, as the fruit-buds spring out from the old wood in the earliest spring; if killed by frosts a new crop will immediately follow, so that a crop is always insured. Price, 25c each; \$2.00 per 10.

Raspberry—Black-Cap.

Gault Perpetual. This new black cap variety was a stray seedling discovered growing by the roadside in Ohio. The first crop commences ripening about the time of the *Gregg*, is more abundant and continues in bearing for three or four weeks, by which time the new canes begin to fruit and continue till checked by frost. This latter crop does not consist of a few scattering berries, but of *immense clusters*, often numbering 100 berries on a single cane. The fruit is of delicious flavor; of immense size—some crown berries having measured 3 inches in circumference. It is a constant and regular bearer. In this connection would say that black cap raspberries make excellent dried fruit. Price, 25c each.

Raspberry—Yellow-Cap.

Himalayan. Fruit yellow; delicious and fine. Canes very large, covered with purplish hairs. Price, 35c each.

Currant.

White Imperial. A large, rich, sweet, white variety of great productiveness. Price, 25c each.

Strawberry-Raspberry (*Rubus sarbifolius*).

A wonderful new fruit; has leaves like a rose bush; huge red fruits like a strawberry; most deliciously flavored; very prolific and hardy. Price, 35c each.

Japanese Golden Mayberry.

This remarkable new fruit is valued principally for its *earliness*, ripening with the earliest strawberries. The fruit is large, golden colored; very delicious and fine; very productive. It takes longer than other berries to come into bearing. Introduced by Mr. Luther Burbank. Price, 35c each; \$3.00 per 10.

Strawberry.

Whitney. The berries are of enormous size, of a golden-red color; deliciously sweet; exceedingly productive. Price, \$1.25 per 12; \$8.00 per 100.



Novelties and Specialties in Seeds.



THORBURN VALENTINE WAX BEAN.

Thorburn Valentine Wax Bean.

First in Earliness, First in Productiveness, and First in Quality.

This is an improved Extra Early Valentine Bean with round wax pods. The type is so perfectly fixed that only one plant with green pods was found in the field, and that was probably from a stray bean. It grows only about 15 inches high, with a strong stalk and an abundance of foliage. It is, without any exception, the earliest Wax Bean in use, being even earlier than Refugee Wax. Beans planted June 18 produced pods 4 inches long by July 25, and on August 1, half a crop could be picked. The pods are very meaty, and with so very little string that they may justly be called stringless. Certainly no other bean has less string or less hard shell to the pod as long as it is suitable for cooking. It is the best quality for snap beans of any Wax

Bean in use. It is remarkably free from rust, and remains a long time without becoming tough. Combined with these valuable features of extreme earliness and excellence of quality is its enormous productiveness. In this respect also, it excels any bean in cultivation. Our cut is a just representation of an average plant. All who saw the field before harvest pronounced it the fullest podded field they had ever seen. Pkt., 10c; lb., 35c

Davis Wax Bean.

Extensive trial has proved that this new bean is the best white-seeded wax podded bean known. The plant is vigorous and healthy, of compact, upright growth, carrying its pods on the center and well up from the ground. It is very productive, always giving a large yield of handsome pods. The pods are very long, oval, clear waxy-white color, and when of suitable size to use for snaps quite stringless, showing no tendency to string until they approach maturity. Growers are delighted with it, because of its hardiness, productiveness, handsome appearance, its good shipping and selling qualities. This new bean is sure to become a very popular and standard sort. Pkt., 10c; lb., 35c.

Keeney's Rustless Golden Wax.

Roger's Lima Wax.

} For description and price of these two new varieties see page 10.

New Musk Melon—"Cannon Ball."

Six to eight inches diameter, perfectly round melon, of medium size and heavily netted. The flesh is very thick, leaving only a small seed cavity; green, solid and of very good flavor. It is an excellent shipper to distant points. Pkt., 10c; oz., 15c; lb., \$1.25.

A New Extra Early White-Fleshed Turnip.

CARTER'S "CARDINAL."

This variety is distinct from others, having a deep cardinal skin, which not only appears on the top, but covers the whole root. It is of medium size, flat, with very short top, and of excellent table quality. It is one of the best varieties to grow on hot, dry land, not running to seed like other early kinds, and remaining sweet and solid for a long season. It has an unusually strong taproot, which, with the thick, spreading foliage, protects it from severe drought. Pkt., 10c; oz., 20c.

New American Sweet Peas for 1896.



CELESTIAL—SWEET PEA.

(For description of above and other Sweet Peas, see pages 34-36.)

Daybreak. In color it has a white ground, and on the reverse of the standard is a crimson-scarlet cloud, which shows through in the fine veins and network, giving to the center of the front of the standard a fine crimson-scarlet watered effect, the center margins being white. The wings should be white, but are sometimes slightly flaked with crimson. Per pkt., 15c.

Gray Friar. This is decidedly gray in color, unlike any other Sweet Pea in cultivation. The flowers are very large and of fine hooded form, while the light gray color makes a most distinct and pretty effect, both on the vines and as cut flowers. The plant is a vigorous grower and a free bloomer. Per pkt., 15c.

Juanita. Fine, large flowers of good substance and the improved hooded form. Color pure white, delicately lined and striped with pale lavender. Per pkt., 15c.

Oddity. The formation of the flowers is peculiarly irregular, the standards being inclined to curl considerably. The stems are unusually heavy and strong and generally bear four flowers on each. In color the flowers are a pale carmine edged with bright rose. It is a remarkably strong grower, and is certainly attractive, although not of a delicate, refined type. Per pkt., 15c.

Ramona. Grand flowers of improved hooded form and unusually large size. Its color is delicately beautiful—a creamy-white daintily splashed and striped with pale pink on both wings and standard. It is a vigorous grower, and usually bears four blossoms to a stem. Per pkt., 15c.

One packet each of the **Five New American Sweet Peas** described above will be mailed free to any address for 60 cents.

Centaurea Suavolens or Yellow Sultan.

Although not a new plant, this is rapidly becoming a popular favorite on account of its graceful foliage and beautiful golden yellow flowers. For cut flowers it is simply superb. Pkt., 10c.

New Giant White Cyclamen "White Lady."

This splendid variety has been raised by one of the most successful Cyclamen growers in Europe and we believe it to be the largest and handsomest white variety in cultivation. It is a chaste pure white, of wonderful substance; the petals are perfectly formed, and the flowers are thrown up from a beautifully marbled foliage in rich profusion. Pkt., 50c.

Cyclamen Persicum giganteum.	Crimson	Per pkt.
" " "	Pink with red center	\$0 30
" " "	Rose	25
" " "	White with red center	30
" " "	Choice mixed	25
		25

We specially recommend this particularly choice strain, knowing that a superior cannot be obtained.

Imported Collections of Flower Seeds.

- Asters.** 12 varieties, \$1.00.
- Dianthus or Pinks.** 10 varieties, 50c.
- Everlasting Flowers.** 12 varieties, 50c.
- Heliotrope.** 12 varieties, 75c.
- Hollyhock.** 12 varieties, \$1.00.
- Marigold.** 12 varieties, 40c.
- Mignonette.** 12 varieties, 50c.
- Nasturtium, Tall.** 12 varieties, 60c.
- " **Tom Thumb.** 12 varieties, 60c.

- Ornamental Foliage Plants.** 12 varieties, 50c.
- " **Grasses.** 12 varieties, 40c.
- Pansies.** 12 varieties, \$1.00.
- Poppies.** 8 varieties, 40c.
- Stocks, Ten Weeks.** 12 varieties, 75c.
- " " " 6 varieties, 40c.
- " **Intermediate.** 4 varieties, 30c.
- Violets.** 6 varieties, 50c.
- Wallflower.** 8 varieties, 50c.



Sunset Selected Seeds

FOR 1896.

ARE ALL FRESH. OF SUPERIOR QUALITY AND STRONG VITALITY.

A VEGETABLE GARDEN FOR 50 CENTS.

This liberal offer is made for the benefit of those who have not sufficient time or experience to make their own selection, and simply means that for 50 cents we will mail to any address twelve large packets of the leading varieties of vegetable seeds, selected from the standard sorts offered in the following list. Parties desirous of making their own selection may do so, but as the season advances and stocks become exhausted, we reserve the right to make substitution when necessary.

Artichokes.

Artichaut. Artichoke. Elcachofa.

One ounce will produce five hundred plants. Sow in drills one foot apart and one inch deep, in moist, rich soil, and transplant to permanent beds, allowing a space of three feet between the rows and four feet between each plant. Liberal treatment will insure fine heads; and when once established the plants bear for many years.



LARGE GREEN GLOBE ARTICHOKE.

Large Green Globe. The best for general cultivation. (Strong, two-year-old roots of this variety, per doz., Oz. Lb. \$2.00) \$0 25 \$2 50

Jerusalem or Tuberous-Rooted Artichoke. These are entirely distinct from the preceding and are grown exclusively for their large potato-like roots. They are a profitable crop to grow for feeding hogs, the yield often exceeding two tons per acre. If desired they need not be dug, but the hogs can be turned into the field to root them up. In this way it is estimated that one acre will keep twenty head in good condition until spring. Per lb., 15c; 100 lbs., \$10.00.

Asparagus.

Asperge. Spargel. Asparrago.

One ounce will produce six hundred plants, and sow forty feet of drill. The increased culture of this

delicious and wholesome vegetable cannot be too strongly recommended, being one of the earliest and best offerings from the garden to the table. It really requires very little trouble in cultivation, as a bed once properly made and planted will last for years. The soil for the permanent beds should be thoroughly manured and trenched to a depth of at least two feet. Plant in rows three feet apart, and two feet between the plants in the rows; spread the roots well out, and let the crown of the plant be covered about six or eight inches. Fair crops may be expected the third year from seed and in one or two years from roots planted, according to age.

If interested in this crop an excellent book to have is "Asparagus Culture," by W. Robinson, which will be sent free by mail for 50 cents.

Barr's Mammoth. A new variety of very large quick growth. Earlier than the Conover's Colossal, and more than twice as large. It is wonderfully productive throughout the entire season, very tender and of delicious flavor. Something of its immense size can be realized when twenty-five edible shoots have weighed thirteen pounds . . . \$0 10 \$0 75

Colossal. A widely cultivated variety, with large, tender stalks of good flavor; the roots are vigorous and productive (two-year-old roots, per 100, \$1.50; per 1,000, \$10.00) . . . 10 50

Columbian Mammoth White. The stems of this variety are pure white and remain so as long as fit for use; a vigorous grower and very productive 20 1 00

Palmetto. A very early, large growing, bright green variety (two-year-old roots, per 100, \$2.00; per 1,000, \$12.50) 10 60

All seeds can be had in 5-cent packets except where noted.

Dwarf or Bush Beans

Haricot Nain. Busch-bohnen. Frijole nano.

Under this head are classed all the low-growing sorts, variously called Bush, Snap, String, Wax or French Beans.

One pound will sow one hundred feet of drill; forty pounds are required for an acre. They will thrive in any good soil. Plant the seeds two inches deep and three inches apart, in rows two feet apart. Keep well cultivated, as no crop better repays extra labor in this direction.

If ordered by mail add 8 cents per pound for postage.

- | | |
|--|-------------------------------|
| Best of All. Early, vigorous, and prolific; pods long, very fleshy, stringless, and of rich flavor | Lb. 100 Lbs.
\$0 12 \$9 00 |
| Black Wax. Early, stringless, round yellow pods, solid and tender | 10 8 00 |
| Canadian Wonder. Handsome flat pods of great length and very tender. For string beans it has become a great favorite, while for fresh shelled beans, cooked like limas, hardly any variety can approach it in rich flavor and handsome appearance | 12 10 00 |
| Champion Bush. Produces an abundance of stringless, fleshy, flat pods, four to five inches in length, of a light green color and containing five to seven beans of excellent flavor | 12 10 00 |



EXTRA EARLY ROUND POD VALENTINE BEAN.

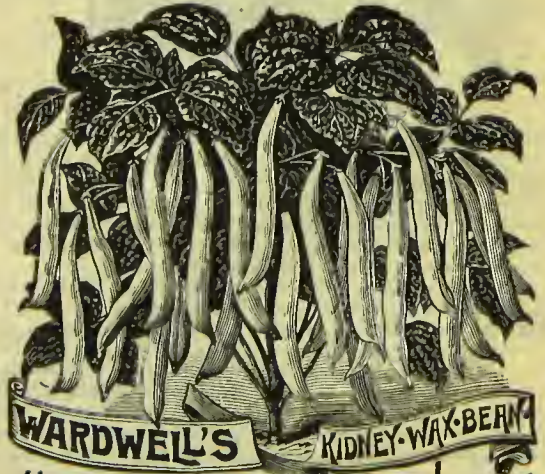
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| Early China. A well-known early variety of fairly good quality | 10 7 00 |
| Early Mohawk. The hardiest of the early varieties, largely grown for market use. | 10 7 00 |
| Emperor William. A very early white seeded sort, with thin green pods, perfectly stringless when young | 10 9 00 |
| Extra Early Refugee. Has all the superior qualities of the ordinary Refugee, and is fully two weeks earlier | 10 8 00 |
| Extra Early Valentine. Differing from the ordinary Red Valentine only in earliness; usually ready for the table in forty days from time of planting | 10 8 00 |
| Improved Golden Wax. A vigorous grower, enormously productive and of good quality; a great improvement on the old variety. | 10 9 00 |
| Keeney's Rustless Golden Wax. A strong-growing variety of remarkable vigor and freedom from rust. The pods are neatly and well filled, of rich yellow color and fine quality, and entirely stringless even when large enough to shell. Packet, 15 cents; two for 25c. | |
| Long Yellow Six Weeks. A standard variety of good quality and very prolific | 10 7 00 |

Mexican Tree. A valuable variety for field culture, very prolific and as a dry bean the very best for market \$0 10 \$6 00

Roger's Lima Wax. Now offered for the first time; possesses the three essential points of productiveness, tenderness of pod, and delicious flavor, and promises to be an acquisition of great merit. Packet, 15c; two for 25c.

Wardwell's Kidney Wax. The vines of this variety are very large and vigorous, yielding an immense crop of long, nearly straight, handsome, very white, wax-like pods 10 9 00

Yosemite Mammoth Wax. The monster pods of this variety average ten to fourteen inches in length, are nearly all solid pulp and absolutely stringless, cooking tender and delicious; the plant is a vigorous grower, covering the ground with its heavy foliage \$0 20 \$15 00

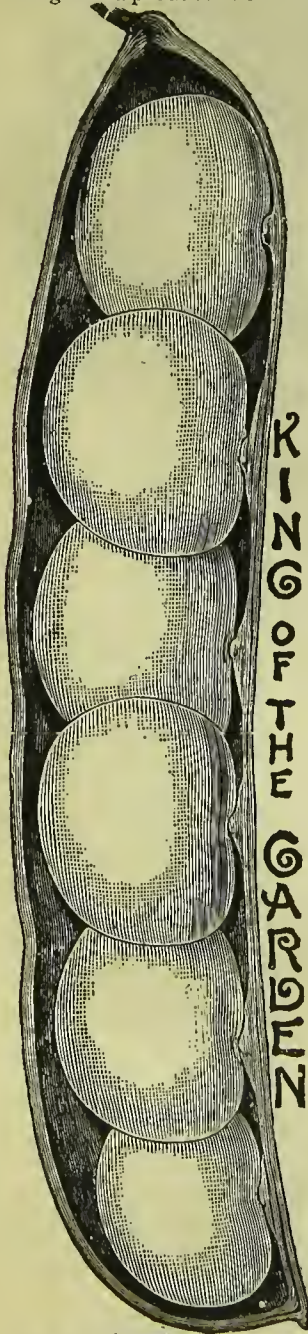


WARDWELL'S KIDNEY-WAX-BEAN
HARDEST AND MOST PRODUCTIVE.

All seeds can be had in 5-cent packets except where noted.

Dwarf Lima Beans

- Burpee's Bush Lima.** Grows from eighteen to twenty inches high, erect and branching so vigorously that each plant develops into a bush two or three feet in diameter. It yields immensely, bearing handsome, large, well-filled pods, the beans being identical in size and flavor with the well-known large Pole Limas Lb. 100 Lbs. \$o 15 \$12 00
- Henderson's Bush Sieva Lima.** Grows in compact bush form, about eighteen inches high, and produces enormous crops of delicious beans. 10 7 00
- Dreer's Bush Lima.** This is a true bush form of the Dreer's Pole Lima, of vigorous habit, and very prolific; in flavor the beans are simply delicious 12 10 00



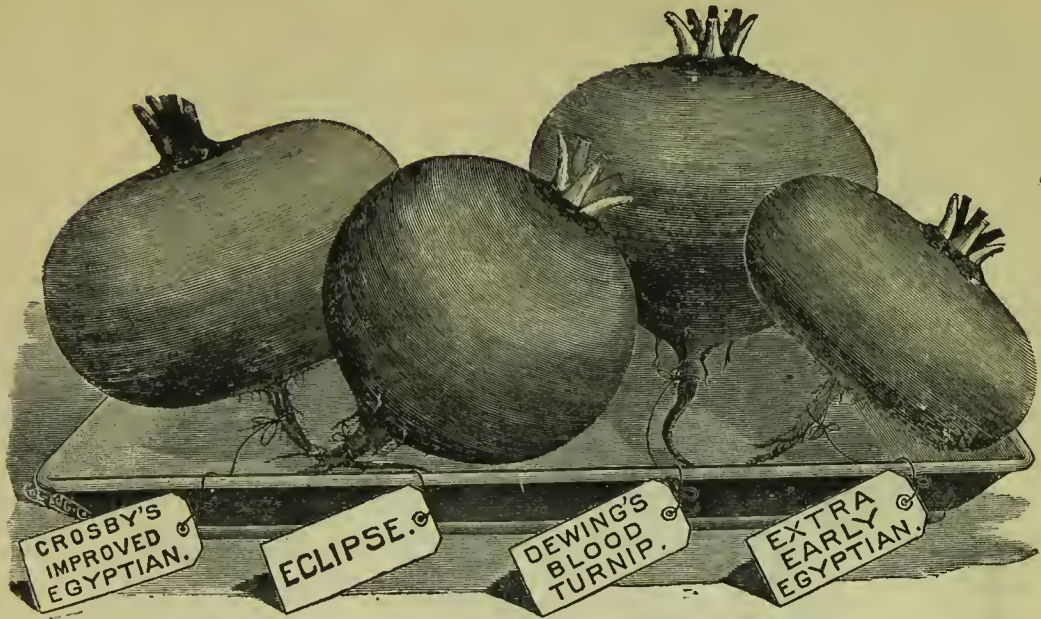
Beans, Pole or Running

Haricots a Rames. Stangen Bohnen. Frijole Vastaga.

One pound will plant fifty hills; thirty pounds will plant an acre. The soil should be mellow, rich, and warm. Lay the ground out in hills four feet apart each way, and set poles eight or ten feet long firmly in the hills before putting in the seed. Plant five or six beans in a hill, and cover about two inches deep; leave three healthy plants at each pole, and when a few inches high draw a little earth around them as support. They may also be grown without poles, leaving the vine to run. Use the cultivator freely to keep the soil mellow and clean.

- Asparagus, or Yard Long.** Quite a curiosity in the bean family, and at the same time excellent for table; the pods are of extraordinary length, frequently over two feet, and are produced in wonderful abundance, Lb. 100 Lbs. \$o 30
- Challenger Lima.** Said to be an improvement on Dreer's Pole Lima, being earlier, more prolific, and has larger pods 15 \$12 00
- Cut Short, or Corn Hill.** An old but popular variety, largely used in the eastern States for planting among corn, where it gives an excellent crop without the use of poles. 10 8 00
- Creaseback.** Especially valuable on account of its extreme earliness and its habit of perfecting all of its pods at the same time; wonderfully productive in good soil; the dry beans are small and perfectly white, rendering them valuable for baking 10 9 00
- Dreer's Improved Lima.** Vines vigorous and productive; beans larger and much thicker than the ordinary Lima. 10 9 00
- Dutch Case Knife.** A splendid bean for shelling green, also good as a dry bean for winter use 10 8 00
- Extra Early Jersey Lima.** Similar to the Large Lima, but about two weeks earlier 12 10 00
- Golden Cluster Wax.** A very vigorous and productive variety, bearing its long golden yellow pods in clusters of three to six from bottom to top of pole; the pods retain their tenderness long after the beans have attained a large size; without doubt the best pole wax bean in cultivation, and the earliest grown 20
- Horticultural, or Speckled Cranberry.** Popular old favorite; useful either green or dried 10 9 00
- Kentucky Wonder.** A large, green, fleshy-podded variety, bearing large clusters of pods averaging eight or nine inches in length, remarkably crisp when young; very prolific and one of the best 10 8 00
- King of the Garden Lima.** The very best Lima Bean grown, early, large and prolific, and in quality without a rival 12 10 00
- Large White Lima.** Always popular, and only surpassed by other sorts in earliness 10 7 50
- Lazy Wife.** The pods of this variety retain their rich, tender, and stringless qualities until nearly ripe, and at all stages of their growth are really delicious 12 10 00
- Scarlet Runner.** Ornamental and useful; produces brilliant scarlet flowers, and the beans are used either green or shelled 15 12 00
- Southern Prolific.** A very prolific sort, with long, fleshy, crisp green pods of excellent quality. 10 8 00
- White Dutch Runner.** Similar to the preceding, but bears beautiful clusters of white flowers; excellent as a shell bean. 12 10 00

All seeds can be had in 5-cent packets except where noted.



Beet and Mangel Wurzel

Betterave. Runkelruben. Remotacha.

One ounce will sow fifty feet of drill; five pounds will sow an acre. Rich, deep soil not too recently manured is best for this crop; sow about one inch deep in drills fifteen inches apart, and when well established, thin the plants to six inches apart in the rows.

If ordered by mail, add 8 cents per pound for postage.

Columbia. A valuable new variety, with smooth skin and deep blood red flesh of rich, tender quality; matures early, and has small foliage of a rich bronze color	Oz.	Lb.
	\$0 10	\$0 60
Egyptian (Crosby's Improved). Notwithstanding the many competitors, this variety remains unsurpassed for earliness, general excellence of quality and all other good points that go to make a perfect beet	10	60
Dewing's Improved Blood Turnip. An extra early improved variety of the Early Blood Turnip, of deep blood red color, fine form, tender and sweet	10	50
Early Blood Turnip. Dark red, tender, and keeps well	10	40
Eclipse. Extra early, uniform shape, bright red, fine grained and delicious	10	50
Long Smooth Blood. An excellent large, late variety	10	40
Swiss Chard. Known also as <i>Silver</i> or <i>Sea Kate Beet</i> . Cultivated only for its leaves, the midribs of which are cooked like asparagus.	10	60

Mangel Wurzel and Sugar Beets

Largely Grown for Feeding Stock.

Five or six pounds will sow one acre. The seed should be planted in rows two feet apart and thinned to eight inches in the rows. To obtain the best results from this crop, use deep soil, well plowed; if the soil is thin, a liberal application of an honest chemical fertilizer is necessary. The value of beets for stock feeding cannot be overestimated. The results from their use are clearly shown in the improved breadth and condition of animals, the increased yield of milk in cows, and the great saving of hay. They can be raised at a very trifling cost, and yield immensely.

A liberal deduction allowed for quantities over five pounds.

Golden Tankard Mangel Wurzel. Considered indispensable by the best dairymen, on account of its productiveness and richness in saccharine matter; flesh and skin a deep yellow	Oz.	Lb.
	\$0 10	\$0 40
Lane's Improved Sugar Beet. A popular variety, yielding as high as thirty tons per acre; the roots are of large size and symmetrical	10	40
Mammoth Long Red Mangel Wurzel. This variety grows to an immense size, and is the most desirable sort to grow for stock feeding	10	35
Orange Globe Mangel Wurzel. Useful in shallow ground; productive and a good keeper	10	40
Red Globe Mangel Wurzel. Similar to the preceding, except in color	10	40
White Sugar Beet. A large growing French variety, excellent for sugar and for stock feeding	10	40

All seeds can be had in 5-cent packets except where noted.



Broccoli

Chou Brocoli. Spargel-Kohl. Brocoli.

One ounce will produce three thousand plants. Sow thinly in seed beds. When the plants are strong enough, set out in rows two feet apart each way, setting the plants well down to their lower leaves. Cultivate frequently and give a plentiful supply of water during all stages of their growth.

Early Purple Cape. Produces large heads, of a brownish purple color; very close and compact and of excellent flavor	Oz.	Lb.
	\$0 30	\$3 00
Walcheren. Produces large white heads of superior quality; very popular, and sells well wherever offered to the public	40	4 00

Brussels Sprouts

Chou de Bruxelles. Rosenkohl. Berza de Brussels.

One ounce will produce three thousand plants. Sow as directed for Broccoli, and set the plants two and a half feet apart each way. They require a long season of growth, but with suitable soil and liberal manuring an excellent crop of this most delicious vegetable can be secured.

Improved Dwarf. Very productive, tender and of rich flavor	Oz.	Lb.
	\$0 20	\$2 00
Matchless. Without doubt the finest variety grown; of vigorous growth and producing handsome, solid, round sprouts of the best quality, being rich, tender and of delicious flavor	25	2 50

Cabbage

Chou Pomme. Kopf-Kohl. Col repollo.

One ounce will produce three thousand plants; five ounces will produce sufficient plants for an acre. Commence to sow the seed of the early varieties in September, and each following month until spring, for succession. Transplant as soon as large enough to fresh, rich soil, in rows two feet apart and eighteen inches in the rows. For late use, sow the Drumhead sorts in spring, and transplant to well-manured ground three feet each way. In planting Cabbage or Cauliflower, care should be observed that the stem is set under the ground as far as the first leaf. The ground should be well worked, to produce good heads, and hoed as many as three times during the season, drawing the earth slightly about the stems.

All Seasons. Splendid variety, with hard, solid, round heads of the very best quality; noted for its ability to stand the hot summer sun and dry weather	Oz.	Lb.
	\$0 20	\$2 00
Autumn King or World Beater. One of the finest strains of late cabbage ever offered, producing regular, even heads of enormous size and a greater weight of crop from the same space of ground than any other late sort, from the fact of producing so few outer leaves and going all to head	30	2 50



HOLLAND CABBAGE.

Earliest Etampes. Very early, medium sized, heart-shaped heads	20	2 00
Early York. A small, early-heading, popular variety	15	1 25
Fotler's Brunswick. A first-class second early, large-heading variety of the Drumhead type; excellent for summer and fall use	15	1 25
Holland. This does not grow to a great size—averaging 8 pounds—but is remarkably solid and of fine white color; it is remarkable on account of its keeping qualities; remaining in the field as long as desired without bursting or rotting; largely grown in this State for shipping to the eastern markets	35	3 00
Improved Early Summer. About ten days later than Jersey Wakefield, but much larger in size; heads hard and solid and of fine uniform shape	20	2 00
Jersey Wakefield. (<i>Selected strain.</i>) Recognized everywhere as the leading early cabbage for market and home use; heads pyramidal in shape, of large size, hard and solid and of excellent quality	25	2 50
Large Late Drumhead. An old favorite, with broad, flat, compact heads	20	1 50
Mammoth Red Rock. A late, very large, solid, fine strain	30	3 00
Perfection Drumhead Savoy. A splendid strain, producing very large solid heads of a rich, dark green	25	2 50
Premium Flat Dutch. Selected strain of immense size, and a sure header, tender, crisp and of delicious flavor	20	2 00
Surehead. One of the best sorts grown, producing large flattened heads, ranging in weight from ten to fifteen pounds	25	2 50
Winnigstadt. Medium to large conical-shaped heads, very solid; an old and reliable variety which has not been supplanted in public favor	20	2 00

All seeds can be had in 5-cent packets except where noted.



Carrots

Carotte. Mohren. Zanahoria.



CHANTENAY CARROT.



HALF-LONG DANVERS CARROT.

One ounce will sow one hundred and fifty feet of drill; three pounds are required for an acre. The most suitable soil is a rich, deep, sandy loam, not too recently manured. Sow rather thinly in drills twelve to fifteen inches apart, according to the sorts, thinning out to six or seven inches between the plants. In field culture the rows should be at least two feet apart, so that the crop can be worked with the horse cultivator.

	Oz.	Lb.
Chantenay. Handsome roots, smoother and more uniform than the Danvers	\$0 10	\$1 00
Danvers Half-Long Orange. In form midway between the Long Orange and Short Horn; of a rich, dark orange color and very smooth	10	50
Earliest French Forcing. Roots small, globe shaped, delicious flavor; the very best early	10	75
Early Scarlet Horn. Deep red flesh, tender and delicate	10	60
Guerande, or Oxheart. A thick growing variety, five or six inches long and very blunt at the lower extremity; grows very rapidly, is tender and of good flavor and a variety we can recommend for either market or family use	10	75
Half-Long, Stump-Rooted. Smooth and handsome; a popular favorite	10	50
Improved Long Orange. A careful selection, bright orange red, excellent for main crop	10	50
Long White Belgian. A productive variety for field culture	10	40

Cauliflower

Choufleur. Blumenkohl. Coliflor.

One ounce will produce three thousand plants. The cultural directions given for cabbage will apply to this crop, but the soil should be more heavily manured. Keep them well hoed, and bring the earth gradually up to the stems. Water freely in dry weather, and especially when they begin to head. Never allow the plants to become crowded in the seed bed; transplant them with great care, as any check will injure, if not entirely prevent, the formation of the head.

Extra Early Dwarf Erfurt. (<i>Imported Seed.</i>) This is without doubt the best strain of Cauliflower that money can buy; of dwarf compact growth and short stem; heads beautiful white, large, firm and fine grained. Per pkt., 25 cts.; ¼ oz., \$1.50	\$5 00	
Early Dwarf Erfurt. Described in most catalogues as above, but much inferior to our extra early strain which we recommend	1 50	
Early London. Large, and recommended for early use	40	\$3 50
Early Paris. Desirable as a second early	60	6 00
Large Algiers. Extra fine, late variety, and a sure header	50	5 00
Lenormand. Short stemmed, late sort, with very heavy heads	60	7 50
Snowball. (<i>Grown from Henderson's Stock.</i>) This is the most popular variety in cultivation, and is largely grown everywhere, both for forcing and early crops outside. The plants are dwarf and sure heading, and the heads, though not so large as in some other varieties, are of good size, pure white, and of fine, delicate flavor	1 00	
Veitch's Autumn Giant. An unusually fine late sort, with beautiful white, large, firm heads, are well protected by large leaves, and remain tender and fit for use a long time	40	4 00

Chervil

Cerfeuil. Garten-Kerbel. Perifollo.

One ounce will sow fifty feet of drill. Sow in rows one foot apart, and cover very lightly. When the plants show themselves, thin out to twelve inches apart in the drills.

Curled. Used in soups and salads; also for garnishing	\$0 15	\$1 00
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All seeds can be had in 5-cent packets except where noted.



Celery

Celcri. Selleri. Apio.

One ounce will produce seven thousand plants. Sow in light, rich soil, in shallow drills, and cover the seed lightly with finely-sifted mold. Prick the seedlings out into beds of very rich soil, three inches apart. Water freely and shade from sun until established. When the plants are five to six inches high, transplant to rows three to four feet apart, according to the variety, allowing eight inches between the plants in the row. Cultivate freely and earth up to blanch the stems, pressing the soil firmly around the plant almost to the top, care being taken not to cover the tops of the center shoots. Remember that this crop well repays generous treatment.



GIANT PASCAL CELERY.

Early Arlington. An improvement on the Boston Market, being earlier and of larger growth and branches rapidly

Oz.	Lb.
\$0 20	\$2 00

Giant Pascal. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor free from any trace of bitterness; it blanches very easily and quickly, and retains its freshness a long time

30	2 50
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Golden Self Blanching. A splendid variety of compact growth and straight, vigorous stalks; the heart is large, solid, and of a beautiful rich golden color; crisp and of delicious flavor

30	2 50
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Improved Golden Dwarf. The best of half dwarf varieties, stalks large and full, the heart is golden yellow, turning to a light color when blanched. Very solid, rich flavor, and good keeper

15	1 50
----	------

Kalamazoo. A large, ribbed, good half-dwarf; favorite market sort

20	2 00
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New Rose. In common with all reds this variety is of superior nutty flavor, rich and solid, and keeps remarkably well; the delicate rose shading makes it very ornamental on the table

25	2 50
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Perfection Heartwell. A large solid growing variety of excellent flavor and a creamy white color. In size it is between the Golden Dwarf and Large White Solid; the stalks are clear with large golden yellow heart, considered by many the finest of all varieties

30	2 50
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White Plume. A very popular variety on account of being so easily blanched; in large plants the stalks, hearts, and inner leaves are naturally white; the table qualities compare favorably with other sorts

20	2 00
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Soup or Flavoring Celery. (*Old Seed.*) Used for flavoring soups, stews, pepper sauce, etc

05	30
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Celeriac

Grown exclusively for its roots; excellent for salads, for seasoning meats, and flavoring soups.

Large Smooth Prague. A variety of celeriac with turnip-shaped roots; white-fleshed, comparatively tender, with the flavor of celery stalks.

25	2 50
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Corn-Salad or Fetticus

Mache. Stechsalat. Canonigos.

One ounce will sow sixty feet of drill. Mellow, rich soil, in a rather open situation, is desirable. The drills should be six inches apart and very shallow, not more than a quarter of an inch deep. Thin the plants to four inches in the row, and keep well cultivated.

Large Seeded. The best variety for general use.

Oz.	Lb.
\$0 10	\$0 75

Cress or Pepper Grass

Cresson. Kresse. Mastuerzo.

One ounce will sow one hundred feet of drill. Sow thickly in shallow drills about six inches apart; repeat at short intervals, as it runs to seed. The seed of water cress should be scattered by the side of running water or near springs, and is soon in full bearing and lasts a long time.

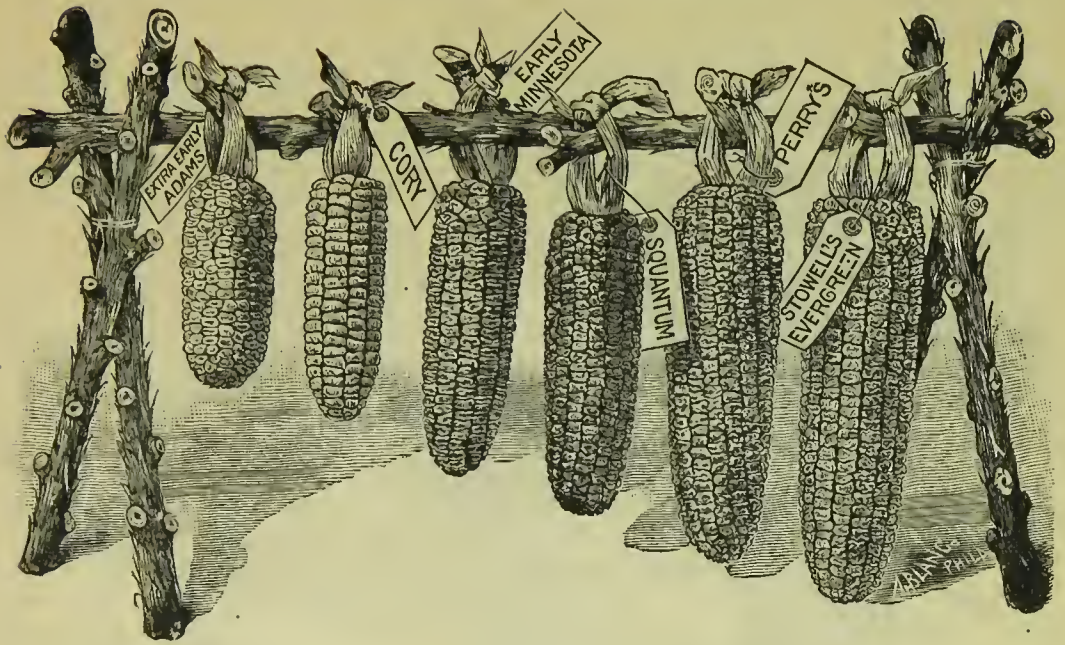
Extra Curled. Of beautiful appearance and fine flavor

Oz.	Lb.
\$0 10	\$0 50

True Water Cress. Mild and tender.

50	5 00
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All seeds can be had in 5-cent packets except where noted.



Corn

Mais. Welshkorn. Maiz.

Our Seed Corn is all eastern grown and will be found of the highest grade of quality and germinating power.

One pound will plant one hundred hills; eight pounds will plant one acre. Plant in hills three feet apart each way, covering about half an inch, and thin out to three plants to a hill. Field varieties should be planted four feet apart each way; hoe and cultivate frequently.

If ordered by mail add 8 cents per pound for postage.

Sweet or Sugar Corn

Adam's Extra Early. The hardiest and earliest variety for table use; it can be planted earlier than any other, but is not a Sweet Corn; white, indented grains and short ear	Lb.	100 Lbs.
Black Mexican. Sweet and desirable for family use; when dry the kernels are black, but the corn, when in condition for the table, cooks remarkably white and is not excelled in tenderness by any other sort	\$0 10	\$9 00
Early Crosby. One of the best early sorts; of dwarf habit, good-sized ears	10	7 00
Early Minnesota. Small ears of excellent quality; very productive	10	7 00
Extra Early Cory. Very early; good-sized ears, large kernels	10	7 00
Hickox Improved. From one to two weeks earlier than Evergreen; has a large, attractive ear with white cob and grain, and remains in condition for use a long time	10	7 00
Late Mammoth. The largest variety grown; excellent for market.	10	7 00
Perry's Hybrid. Very early; large size; succulent and tender.	10	7 00
Squantum. Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness, and earliness, and is desirable for canning.	10	8 00
Stowell's Evergreen. The best and one of the sweetest; ears large, remaining green longer than any other variety	10	7 00

Field Corn

Dakota Dent. The earliest variety grown; a superior selection	08	6 00
Early Canada. The earliest yellow flint corn; eight-rowed and small cob; produces two or more ears to the stalk	07	6 00
Hickory King. Extremely large grain and small cob; white dent	08	6 00
Kansas King. A new variety of medium high and very strong stalks, generally bearing two ears to the stalk; the grains are white and very large, while the cob is small like Hickory King; the ears weigh heavy, averaging nearly one pound each, and have ten to fourteen rows	09	7 50
Improved Leaming. (<i>Yellow Dent.</i>) Ears of good size, cob red and small, with a deep, large grain of bright yellow; very early and does well where other varieties of dent fail,	08	6 00
Pride of the North. A very early golden dent variety; short, well-filled ears, twelve to sixteen rowed.	08	7 00
Yellow Flint. Produces large, handsome ears; very prolific	08	5 50
Pop Corn, Rice. Well-known variety; used for parching	07	6 00
Pop Corn, White Pearl. An improvement on the old white.	06	5 00

All seeds can be had in 5-cent packets except where noted.



Cucumbers

Concombre. Gurke. Pepino.

One ounce will plant one hundred hills; two pounds will plant one acre. They succeed best in a warm, moist, rich, loamy soil. Plant in hills four feet apart each way. Leave four of the strongest plants to each hill but do not thin out until plants are strong enough to resist the attacks of insects. The English forcing varieties can be grown in hot-beds where the temperature does not fall below 65 degrees at night. Many of this class grow from 20 to 30 inches in length.

Bennett's or Peerless White Spine. One of the finest strains of White Spine in cultivation; fruit of good size, straight and well formed; immensely productive and early	Oz. \$0 10	Lb. \$0 75
Early Russian. Earliest of all, fruit of fair size and good quality	10	60
Extra Long Green. Handsome in shape and color; very desirable	10	60
Gherkin. Used only for pickles. Known also as West Indian Burr	15	1 00



BENNETT'S WHITE SPINE CUCUMBER.



EXTRA LONG GREEN CUCUMBER

Giant Pera. Of delicious flavor, crisp and tender at all stages of growth; fruits grow to an enormous size, are smooth and straight with beautiful green skin	Oz. \$0 10	Lb. \$0 75
Green Prolific. (<i>Boston Pickling.</i>) Very early and productive, crisp and tender; the most popular variety for pickling	10	60
Japanese Climbing. A new variety of vigorous growth; comes into bearing quickly and sets its fruit constantly throughout the season; fruit of large size, skin dark green, flesh pure white and never bitter	20	1 50
Nichol's Medium Green. Of beautiful color; very uniform in shape and size	10	60
Thorburn's Everbearing. Very early and enormously productive; the peculiar merit of this variety is that the vines continue to flower and produce fruit, whether the ripe cucumbers are picked off or not, thus becoming almost a perpetual bearer	10	75

Dandelion

Pissenlit. Pardeblum. Amargon.

One ounce will sow two hundred feet of drill. The seed should be sown in drills eighteen inches apart and half an inch deep. The leaves are best for salad when blanched, which can be done by partially shading the rows with boards.

Improved Broad-Leaved. Twice the size of the common variety	Oz. \$0 30	Lb. \$3 00
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All seeds can be had in 5-cent packets except where noted.

Egg Plant

Aubergine. Eierpflanze. Berengena.

One ounce will produce two thousand plants. A strong, uniform heat is required to germinate these seeds, and a thoroughly pulverized, well-enriched, warm soil is necessary to perfect the fruit. Transplant to three feet apart each way, and when about a foot high, support the plants by drawing the earth up around them.

	Oz.	Lb.
Black Pekin. Fruit round and solid and jet black	\$0 40	\$4 00
Long Purple. Early, hardy and productive	30	3 50
New York Improved. The best; very large and of fine quality	50	5 00

Endive

Endive. Endivie. Endivia.

One ounce will sow one hundred and fifty feet of drill. Sow in any ordinary dry soil, in drills one foot apart, covering lightly. When the plants are about two inches high, thin to about twelve inches in the row. When the plants have attained full size, gather up the leaves, tying together at the tips. This excludes the air from the inner leaves, which, in the course of three or four weeks, will become beautifully blanched.

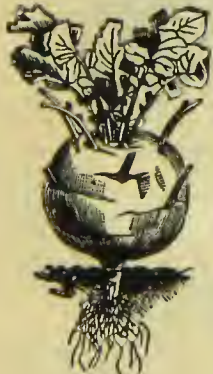
	Oz.	Lb.
Broad-leaved Batavian. A large summer variety; very productive, and one of the best	\$0 10	\$1 00
Green Curled. Best for general use; very ornamental	10	1 00
White Curled. Similar to above; pale green foliage	20	1 50

Kale or Borecole

Chou vert Frise. Blatterkohl. Col.

One ounce will produce three thousand plants. With the exception of sea kale, the varieties under this heading are treated as directed for cabbage, and transplanted from the seed beds to the ground, allowing two feet between each. Sow sea kale in drills one foot apart, and, when ready, transplant the roots, allowing two and a half feet between each.

Dwarf German Green Curled. (<i>Dwarf Curled Scotch Kale.</i>) Dwarf compact grower; densely crisped green leaves, tender and delicate in flavor; makes excellent greens for winter and spring use	Oz.	Lb.
	\$0 10	\$0 90
Dwarf Brown or Purple. Similar to the preceding except in color	10	1 00
Sea Kale. A splendid vegetable when blanched and eaten as asparagus	25	2 50



WHITE VIENNA
KOHl-RABI.

Kohl-rabi

(*Turnip-Rooted Cabbage.*)

Chou Rave. Kohlrabi. Colinabo.

One ounce will produce twenty-five hundred plants. Sow in rows eighteen inches apart, afterwards thinning to eight or ten inches. When young, Kohl-rabi is a delicate and palatable vegetable, and is very popular in Germany and other countries of Europe, where it is more generally used than in America.

Early Purple Vienna. A favorite and successful table sort; largely grown	Oz.	Lb.
	\$0 20	\$2 50
Early White Vienna. The best variety, tender white flesh; very popular where known	25	2 50
Large White or Green. Excellent variety for farm culture; finds a ready sale in the vegetable markets	15	1 50

Leek

Poircau. Lauch. Puerro.

One ounce will sow one hundred feet of drill. Succeeds best in a light rich soil. Sow in drills one inch deep and one foot apart; when six or eight inches high transplant in rows ten inches apart and set deep, so as to blanch as much of the neck as possible.

	Oz.	Lb.
American Large Flag. Of strong, vigorous growth; the best of all	\$0 20	\$1 50
Glant Carentan. A favorite European sort, of mild flavor	20	1 50
Large Rouen. Grows to large size; hardy and of excellent quality	20	1 50

All seeds can be had in 5-cent packets except where noted.



Lettuce

Laitue. Lattich. Lechuga.

One ounce will sow two hundred feet of drill,

and produce about two thousand plants. Sow thinly in rows one foot apart, and thin out to eight to twelve inches apart. To produce handsome heads, crisp and tender, a very rich, moist soil is necessary; give plenty of water and keep the soil thoroughly cultivated. If sown every two or three weeks, lettuce may be had the entire season.



ALASKA LETTUCE.

Alaska. Of medium size, with solid heart, the outer leaves fluted and curled, and shading from green to golden yellow, giving it a very attractive appearance; of delicious flavor, tender and crisp; does not run to seed as rapidly as other varieties, but remains fit for table a long time

Oz.	Lb.
\$0 20	\$1 50

Curled Simpson, Black Seed. Superior variety, twice the size of the white seeded variety 15 1 00

Curled Simpson, White Seed. Beautifully curled; tender, crisp 15 1 00

Deacon. Makes solid heads of excellent flavor, and remains in condition for use a long time; the heart is of the most beautiful cream yellow and delicious rich and buttery flavor 20 1 50

Denver Market. This is an early variety of head lettuce, either for forcing or open ground. It forms large, solid heads, and is very slow to run to seed. The leaves are curled and crimped (like Savoy cabbage), and are very tender and crisp. The crimped leaves distinguish it from any other kind of lettuce now grown

Oz.	Lb.
\$0 20	\$1 50

Golden Stone Head. A small, solid variety of handsome appearance; stands the hot weather well 15 1 00

Grand Rapids. Considered one of the best shipping sorts; matures quickly, is of large size and handsome appearance, crisp and tender, and will keep from wilting after cutting longer than any other sort 20 1 50

Improved Hansom. The heads grow to a remarkable size, are crisp and tender and deliciously sweet 15 1 00



SUNSET CABBAGE LETTUCE.

Paris White Cos (Romaine). A French favorite of upright growth and good quality \$0 15 \$1 00

Prize Head. Superb flavor, very tender and does not readily run to seed 15 1 00

Salamander. Stands a greater amount of heat without running to seed than any other sort 20 1 50

Sunset Cabbage. A distinct variety, highly recommended for shipping, being an excellent keeper after being cut; is tender, crisp and sweet when many sorts have become tough and bitter 15 1 00

Tennis Ball, Black Seed. Handsome heads, crisp and tender 20 1 50

Tennis Ball, or Boston, White Seed. Small-sized early sort 15 1 25

Trianon Self-Closing Cos. Best of all the Cos sorts; stands heat well 20 1 50

White Summer Cabbage. Very popular, of fairly good quality 15 1 25

Yellow Seeded Butter. A very distinct sort, making a compact yellow head, of excellent flavor, withstands heat well, and remains crisp and tender 15 1 20

All seeds can be had in 5-cent packets except where noted.

Melon, Musk.

Melon Muscade. Cantaloupen. Muscade.

One ounce will plant eighty hills; two pounds will plant an acre. A light, warm, rich soil is essential for this crop. Plant in hills six feet apart each way, using six to eight seeds in the hill. After all danger of destruction by bugs is over, thin out to three plants to a hill; when about one foot long pinch off the tips to make them branch. This strengthens the growth of the vines, and makes the fruit mature early.



MUSK MELON, DELMONICO.

Quite distinct, being a perfect globe in shape and densely netted; thick flesh, light green in color and of rich, sweet flavor

Columbus. This new melon is strikingly distinct in shape, color and general markings. The beautiful buff skin is covered with a very thick, whitish netting; the flesh is light green, very solid and thick, even at the blossom end, leaving only a small seed cavity. The melons never burst open at either end, hence they can be safely shipped long distances in barrels and boxes. Its attractive appearance insures ready sale on the market, while its good table qualities will sustain continued demand. It ripens with the Hackensack, is a heavy yielder and long keeper. The vines are strong and thrifty, and the melons, even if left on the vines a week after they are ripe and are ready to pick, still retain their good quality

Delmonico. The fruit is large, oval, heavily netted and thick meated; flesh a beautiful orange pink, rich and delicious

Emerald Gem. Early and of superior flavor and quality; the flesh is light red or salmon, thick, juicy and luscious in flavor

Extra Early Hackensack. Fully ten days earlier than the old variety, but almost equal in size; very productive, averaging five to six melons on the vine; handsomely netted and of excellent flavor

Improved Orange Christiana. Very early, delicious; bright orange flesh

Jenny Lind. Small early; green-fleshed variety

Large Yellow Cantaloupe. An old standard and still very popular

Melrose. One of the best for home or market use; oval in shape, handsome in appearance, with solid green flesh of a pale green color and good flavor

Banana. Resembles a banana in shape and flavor and attains a length of one and a half to two feet; flesh very thick, of a salmon color and pleasing flavor

netquet. Well named, as we know of no red-fleshed melon that approaches this in delicious flavor; it is of fairly good size, distinct and beautiful in appearance, and may well be called the best

hampion Market, or Starin's Favorite.

in shape and densely netted; thick flesh, light

green in color and of rich, sweet flavor

Oz.	Lb.
\$o 10	\$o 65
10	75
10	60
10	75
10	75

Oz.	Lb.
\$o 10	\$o 60

10	60
10	75
10	75
10	60
10	75



MUSK MELON, EXTRA EARLY HACKENSACK.

Nutmeg. Densely netted, deeply ribbed; green-fleshed variety

Oz.	Lb.
\$o 10	\$o 60

Osage, or Miller's Cream. An egg-shaped variety growing to a medium size; skin thin, of a dark green color and well netted; flesh of a salmon pink color, remarkably sweet and spicy in flavor, extremely thick and delicious to the rind

10	60
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Shumway's Giant. Of enormous size but entirely free of the rank flavor so often found in large melons; flesh salmon colored, thick, fine grained, of delicious flavor, sugary and melting

10	75
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Skillman's Netted. One of the best early melons grown; of small size, flesh light green, very thick and sweet

10	60
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OSAGE OR MILLER'S CREAM MUSK MELON.

All seeds can be had in 5-cent packets except where noted.



Melon, Water

Melon d' Eau.

Wassermelon.

Zandin.

One ounce will plant thirty hills; four pounds will plant an acre. The culture of water melons differs from that of musk melons mainly in that the hills should be wider apart, from eight to ten feet, according to the variety grown. An effort should be made to secure good, strong vines early in the season, and this can best be done by taking care that the hills are large, mellow and well drained, with the manure placed so that they will not dry out quickly under hot suns. All possible protection from insects should be given the young plants, and their growth may be hastened still further by frequent applications of liquid manure. As a protection from insects, netting is frequently used, and also dry ashes or coal dust sprinkled over the leaves when wet. Plant the seeds thickly, and thin the plants to four of the strongest in each hill.

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| Boss. A very early variety, oblong in shape, skin very dark green, flesh deep scarlet, sugary, melting and of fine flavor, enormously productive and considered by many the best table melon for family use | Oz. | Lb. |
| | \$o 10 | \$o Co |
| Citron. (For preserving.) Red-seeded; small, round, handsome fruit | 10 | 75 |
| Cuban Queen. Skin beautifully striped dark and light green, flesh bright red, very solid, crisp and sugary; grows to an enormous size and is very productive | 10 | 60 |
| Dixie. We consider this the best water melon there is; the vines are vigorous, hardy and prolific; the fruits large, oblong, striped; rind thin and tough; flesh bright scarlet, very sweet, tender and juicy | 10 | 60 |



WATER MELON, KOLB'S GEM.

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|--|----|----|
| Florida Favorite. Oblong in shape, grows to a large size, rind dark with light green stripes, flesh light crimson, crisp and sweet | 10 | 60 |
| Green and Gold. Nearly round in shape, skin dark green, flesh of a beautiful yellow color and of excellent quality | 10 | 75 |
| Jordan's Gray Monarch. Skin of a very light green color, attractively mottled; flesh of a deep red color and of fine quality | 10 | 60 |
| Kentucky Wonder. One of the best for market or home use; oblong in shape, with dark green skin marbled with stripes of light green; scarlet flesh, crisp, tender, rich and sugary flavor, always firm and never mealy | 10 | 75 |

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| Kolb's Gem. Of uniform round shape, growing to a fair market size; rind hard and tough and lightly striped with light and dark green; flesh bright red and of average quality | 10 | 60 |
| Lodi, or San Joaquin. A well-known large cream-colored variety of uniform, medium size; pink flesh; sweet and delicious | 10 | 50 |

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|---|--------|--------|
| Mammoth Iron-clad. Excellent; of large size and weight, average nearly fifty pounds each, flesh deep red and of a delicious, rich flavor; unsurpassed for shipping | Oz. | Lb. |
| | \$o 10 | \$o 60 |
| Mountain Sweet. An old standard variety; size, large; flavor, good; rind, thin; dark in color; best for garden culture | 10 | 60 |
| Phinney's Early. The earliest of all varieties, medium size, oval, quick growing, thin rind, red flesh, sweet and delicious | 10 | 60 |
| Pride of Georgia. A southern favorite, and a good shipper; fruits large, oval, ridged like an orange; flesh tender, juicy, sweet and delicate | 10 | 70 |



PHINNEY'S EARLY WATER MELON.

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| Ruby Gold. One of the best flavored melons grown, with golden-yellow flesh, striped and blotched with bright red and pink, is tender, sweet and melting | \$o 10 | \$o 75 |
| Southern Rattlesnake or Gipsy. A large striped variety of oblong shape; flesh scarlet and of superior quality | 10 | 60 |

All seeds can be had in 5-cent packets except where noted.

Mushroom Spawn

Blanc de Champignon. Champignonbrut. Seta.



MUSHROOMS.

One of the most profitable crops for the outlay that can be grown; the market is sure, because the supply never equals the demand. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at from 50 to 70 degrees. From some old pasture procure good rich soil and store it away. To every bushel of this soil add two bushels of fresh horse manure. Of this well-mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed 12 to 18 inches thick. It soon becomes pretty hot, but let the heat recede until it is only 85 or 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut in each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days; then cover the bed with two inches of fresh loam; and over this place four or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect mushrooms. The beds will continue bearing from twenty to thirty days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, and cover with hay as before. The main conditions in Mushroom growing are proper and uniform temperature and very rich soil.

Our spawn can be depended on and being specially manufactured for us is fresh and reliable. One pound of spawn is sufficient for a bed two by six feet.

If interested in this crop an excellent book to have is "Mushroom Culture," by W. Robinson, which will be sent free by mail for 50 cents.

English Spawn. Per lb., by mail, 30c; 7 lbs., per express, not paid, \$1.00.

French Spawn. Per lb., by mail, 50c; three-pound box, per express, not paid, \$1.25.

Mustard

Moutarde. Senf. Mostaza.

One ounce will sow a drill fifty feet long. Sow thickly in rows six inches apart, and when about two inches high it can be cut and used with cress, forming a pleasing pungent salad.

	Oz.	Lb.
Black or Brown. More pungent than the yellow	\$0 05	\$0 25
Chinese. Leaves twice the size of the ordinary; sweet and pungent	10	75
Giant Southern Curled. This variety is highly esteemed in the south, where the seed is sown in the fall, and the plants used very early in the spring as a salad. The plants grow about two feet high and form enormous bunches	10	75
White or Yellow. Of very rapid growth and agreeable flavor	5	25

Okra, or Gombo

Gombaud. Safran. Quimbombo.

One ounce will plant one hundred hills. Of easy cultivation in any good soil; plant about two inches deep in drills two and one-half feet apart. When well established thin to ten and twelve inches apart and keep the soil well worked, and occasionally draw a little around the stocks to support them. The pods should be gathered while young and tender.

Dwarf Density. Best for general crop; tender long pods Oz. Lb.
 \$0 15 \$1 25

White Velvet. Handsome and productive; long smooth white pods 10 75



WHITE VELVET OKRA.

All seeds can be had in 5-cent packets except where noted.

Onions

Oignon. Zwiebel. Cebolla.



YELLOW DANVERS.



WETHERSFIELD.

One ounce will sow a hundred feet of drill; six pounds will plant one acre. A clean, deep, rich soil thoroughly worked is the best for this crop. Get the seed in as early as possible, for if the onions do not get a good start before the hot, dry weather, the crop is sure to be a failure. Sow in shallow drills not less than a foot apart; when the plants are about three inches high, thin to the distance of three or four inches, according to variety. In doing this disturb those that remain as little as possible.

A valuable book for every one who raises onions is "The New Onion Culture," by B. T. Greiner, which will be sent free by mail for 50 cents.

Extra Early Barletta. As a pickling onion this has no superior, being small and handsome in shape, and of pearly whiteness, while for bunching for the market its extreme earliness renders it indispensable \$0 20 \$2 00

Extra Early Red Flat. Of medium size, flesh close grained, solid and of mild flavor; very early and productive 15 1 00

Prizetaker. Grows of a uniform globular shape, of a bright straw color, fine-grained flesh of mild flavor 20 1 50

Queen. A favorite pickling variety, small, very early, pure white, mild flavored and a good keeper 25 2 00

Silver King or Mammoth White Garganus. This is the largest of the white Italian onions, single bulbs often attaining a weight of from two to three pounds each; the skin and flesh are a beautiful silvery white, and the flavor mild and pleasant 25 2 50

Southport Red Globe. Ripens a few days later than the Wethersfield, is a splendid keeper, and in quality superior to most other red sorts 20 2 00

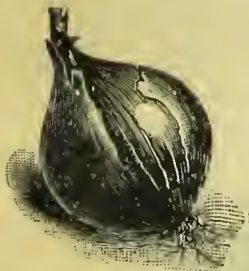
Wethersfield Large Red. The standard red variety, productive and a good keeper 15 1 50

White Globe. A large, beautifully shaped onion, with clear white skin, firm, fine-grained flesh of mild flavor 30 3 00

White Portugal or Silver Skin. An excellent onion for family use; in shape rather flat, but in other particulars resembles the White Globe 25 2 00

Yellow Danvers. This is the flat-formed variety of this popular onion, of good size and attractive appearance; ripens early, of mild flavor, and a splendid keeper 10 75

Yellow Globe Danvers. The most reliable yellow onion that can be grown; of splendid shape, good size and enormously productive, in this respect far outclassing the flat variety 15 1 00



PRIZETAKER.



SILVER KING.

Onion Sets, etc.

Plant in drills twelve inches apart and four inches between the sets. Prices are subject to market fluctuations as the season advances.

Red, White, or Yellow Sets, per lb., 25c.

Top Onions, Potato Onions, and Shallots, per lb., 25c.

Large quantities are furnished at prevailing market prices. Please write for quotations.



WHITE PORTUGAL.



YELLOW GLOBE.

Parsley

Persil. Petersilie. Perejil.

One ounce will sow one hundred feet of drill. Sow thinly in drills one foot apart, and thin out the plants to three or four inches between each. The seed germinates slowly, sometimes three or four weeks passing before the plants appear.

Extra Double Curled. Very select strain of a handsome bright green color, compact and beautifully curled Oz. Lb. \$0 10 \$0 90

Fern Leaved. A distinct and attractive dwarf variety of exquisite form and color; highly ornamental for garnishing 15 1 00

All seeds can be had in 5-cent packets except where noted.

Parsnips

Panaïs. Pastinake. Chirivia.

One ounce will sow two hundred feet of drill; five pounds will plant an acre. This crop requires a very rich soil. Sow in drills eighteen inches apart and one-half inch deep and thin to eight inches in the row. Besides being desirable as a table vegetable, they are valuable for feeding stock.

Improved Guernsey. The roots are smooth, medium long; flesh fine grained and of excellent quality; heavy cropper.....	Oz.	Lb.
Long Smooth, or Hollow Crown. Of excellent flavor, tender and sweet.....	\$0 10	\$0 60
Student. Handsome shape and splendid flavor. It is earlier than the longer forms and especially adapted for shallow soils.....	10	60

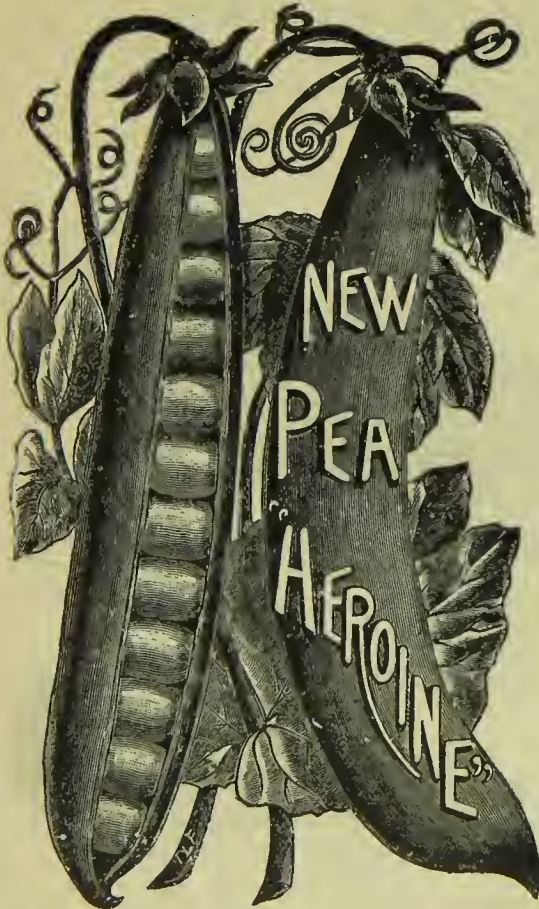
Peas

Pois. Erbsen. Chicaros o Guisantes.

One pound will sow sixty feet of row. Light, moderately rich soil is best for this crop. Sowing of the first early variety should be made in October, and the other varieties for successive crops, plant every two weeks until the first of April. Peas are sown in single or double rows, from two to six feet apart, according to the variety or the height to which they attain. Have the rows of the dwarf varieties two feet apart, and those of the medium sorts from three to four feet, and the tall varieties from five to six feet apart.

Wrinkled varieties are marked thus.*

If ordered by mail, add 8 cents per pound for postage.



***Advancer.** A standard early market sort; prolific, tender and of delicious flavor

Height in ft.	Lb.	100 lbs.
2½	\$0 12	\$ 9 00

***American Wonder.** The earliest wrinkled variety grown; unsurpassed in flavor, quality and productiveness

I	15	10 00
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Blue Beauty. Extra early; pods of medium size, well filled, and borne in great profusion; not surpassed in quality and flavor by any other early round pea.

2	12	10 00
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***Burpee's Quality.** Of robust growth; the pods are long, produced in pairs, and each contains six or eight peas, which, when cooked, are pronounced by everyone as simply delicious.

2½	12	9 00
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***Champion of England.** A well-known standard variety, maturing rather late, but producing peas of most excellent flavor

5	10	3 00
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***Everbearing.** Of a peculiar branching habit, forming as many as six or eight stalks from one root stalk; pods from three to four inches long, containing from six to eight large wrinkled peas of exquisite flavor

3	12	9 00
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***Exonian.** A first early marrow pea, bearing a heavy crop of good-sized pods, containing six to eight large, dark-green peas of unique flavor for such an early variety

	15	12 00
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First and Best. Early and productive

2½	10	8 00
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***Heroine.** A main crop variety, very prolific, producing long pointed pods, slightly curved, which are filled with peas of a rich buttery flavor

2½	20	
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All seeds can be had in 5-cent packets except where noted.



	Height in ft.	Lb.	100 lb.
* Horsford's Market Garden. A prolific bearer; although the pods are of medium size, they are numerous and literally packed with peas of delicious, sweet flavor	2½	\$0	\$9 00
* Little Gem. Very early, fairly prolific and of excellent quality; fit for table sixty days from sowing	1½	10	8 00
Mammoth Melting Sugar. Bears a profusion of large, broad pods, which are generally found in pairs and are so brittle that they snap without any string, being entirely free from any membranous lining; they should not be shelled but peas and pod eaten together, cooked in much the same manner as string beans	5	20	
* Premium Gem. An improvement on Little Gem, as far as size of pods and productiveness goes; very popular	1½	10	8 00
Pride of the Market. A second early or main crop variety; enormously productive, literally covered with immense pods, well filled with large and finely flavored peas	2½	12	10 00
* Shropshire Hero. A robust grower of medium earliness, producing an abundance of large pods containing eight to ten peas of exquisite flavor; a valuable introduction		20	
* Stratagem. A vigorous grower, with very large, showy pods, containing eight to ten large peas of excellent quality	2½	15	12 00
* Telephone. A late variety, immensely productive; pods of large size, containing six or seven peas of a delicious, sugary flavor	4	12	9 00
* Yorkshire Hero. A well-known late variety, of good quality and fairly productive	2½	10	6 00

Pepper

Piment. Pfeffer. Pimiento.

One ounce will produce 1,500 plants. A strong, uniform heat is required to germinate these seeds and a thoroughly pulverized, well enriched, warm soil is necessary to perfect the fruit. When the plants are about 3 inches high, transplant into rows 3 feet apart, and allow 2 feet between the plants.



SWEET MOUNTAIN PEPPER.

Golden Dawn. Of compact growth and very fruitful; fruits of medium size, rich golden yellow, very thick, sweet and mild	Oz.	Lb.
	\$0 25	\$2 00
Large Bell or Bull Nose. A standard early variety, with large, thick, glossy red fruits, sweet and mild	25	2 00
Large Red Cayenne. Long fruits of conical shape, bright red; flesh strong and pungent	20	2 00
Procopp's Giant. Grows to an enormous size, usually 8 to 9 inches long and 3 inches thick; of a brilliant scarlet color, thick flesh of pleasant flavor	35	3 00
Red Chili. Small bright red pods, very pungent; used for pickles	30	3 00
Ruby King. The best mild red pepper; fruit large and handsome, of a bright ruby-red color, and so mild that it may be sliced and eaten as a salad	30	2 50
Sweet Mountain. Very similar to Large Bell or Bull Nose in shape and color, but larger and milder in flavor	25	2 00

Pumpkin

Potiron. Kurbis. Calabaza.

One ounce will plant forty hills; five pounds will plant an acre. Plant in hills eight feet apart each way, allowing three strong plants to a hill. In other respects they are cultivated as melons and cucumbers; keep separate from melons and cucumbers as they are liable to mix.

Connecticut Field or Large Yellow. The common field variety so largely grown amongst corn; excellent for stock feeding	Oz.	Lb.
	\$0 05	\$0 30
Early Sugar. Of small size but very prolific; skin of a deep orange yellow; flesh fine-grained and sweet	10	60
Large Cheese. Of good size and very prolific; rind and flesh orange colored, fine grained and excellent for cooking	10	60
Mammoth Potiron. This is the true mammoth pumpkin; grows to an enormous size, some specimens having weighed over two hundred pounds; salmon-colored skin; flesh, bright yellow, fine-grained and of excellent quality	15	1 25

All seeds can be had in 5-cent packets except where noted.

Radish

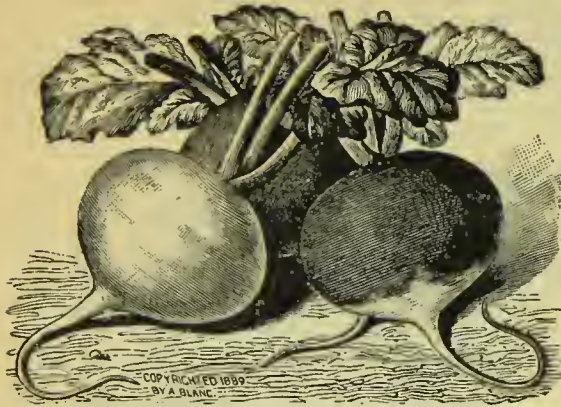
Radis. Rettig. Rabanitos.

One ounce will sow one hundred feet of drill; two pounds will be required for one acre. Radishes do best in a light, rich soil. Sow in drills about ten inches apart, covering about half an inch, and thin the plants to two inches apart. A rapid growth is essential to produce showy, crisp radishes of a mild flavor. Sow every ten days for a succession of crops.

Non Plus Ultra. An extra early rapid-growing round variety fit for the table twenty-one days from sowing; being of perfect form and of a rich, bright scarlet color, it is of a most inviting appearance, while the pure white flesh is always tender, crisp, juicy and of delicate flavor

Oz.	Lb.
\$0 10	\$0 75

Black Spanish, Long. Of large size; firm, solid, crisp flesh, keeps well	10	75
Black Spanish, Round. Globe-shaped; of good quality and flavor	10	75
California Mammoth White. A giant solid-fleshed variety; tender and of good flavor	15	1 00
Chartier Improved. A long white-tipped sort; handsome and of good quality	10	60
Early White Turnip. Very early, crisp and good	10	60
Extra Early Roman Carmine. The best of all; early, crisp and delicious	10	75
French Breakfast. Olive-shaped, scarlet except near tip, which is pure white; crisp and tender	10	60
Long Scarlet Short-Top. A standard sort; very long; color bright scarlet	10	60
Long White Vienna or Lady's Finger. The sweetest long white radish grown; highly recommended for home use	10	75
Olive-Shaped Scarlet. Of bright color; tender and excellent	10	75
Scarlet Turnip. Rich color; very early, sweet and crisp	10	60
White Strasburg. Of large size; flesh very white, crisp and tender	10	75



TYPES OF TURNIP RADISHES.

Rhubarb

Rhubarbe. Rhabarber. Ruibarbo.

One ounce will sow one hundred and twenty-five feet of drill. The seed bed should be of light, rich soil. Sow very thinly in rows one foot apart, and cover the seed about one inch. When the plants are two inches high, thin to the distance of six inches in the drill. In about six months they will be strong enough to set out in their permanent location, the distance allowed being about three feet each way.

Oz.	Lb.
Linnaeus	\$0 20 \$1 75
Mammoth Monarch	25 2 50
Victoria	20 1 75

Roots of either variety, \$1.50 per dozen, by express, at purchaser's expense.

Salsify, or Vegetable Oyster

Salsifs. Haferwurzeln. Ostra Vegetal.

One ounce will sow a drill sixty feet; five pounds will sow one acre. The soil should be rich and well worked to a depth of at least eighteen inches. Sow in drills fifteen inches apart, covering the seeds with fine soil an inch and one-half in depth. When the plants are strong enough, thin them out to about nine inches apart.

Oz.	Lb.
Large White French. Small-growing, but of good flavor	\$0 10 \$1 00
Mammoth Sandwich Island. A great improvement on the old variety; very large	15 1 50

Sorrel

Oseille. Sauerampfer. Acedera.

An ounce will sow one hundred and fifty feet of drill. Sow in rows fifteen inches apart and one-half inch deep; thin the seedlings out to ten inches apart in the row. Cultivated for its leaves, which possess a very fine flavor boiled and served like spinach; also much used as salads.

Oz.	Lb.
French Broad-Leaved. Much valued on account of its large leaves and pleasing acidity	\$0 15 \$1 25

All seeds can be had in 5-cent packets except where noted.



Spinach

Epinard. Spinat. Espinaca.

One ounce will sow one hundred feet of drill; ten pounds will sow an acre. An exceedingly rich, well-worked soil is necessary. Sow thinly in drills one foot apart and half an inch deep. When the young plants are established, thin out to the distance of three or four inches in the row, and in a future thinning every alternate plant may be removed, as spinach does not do well when crowded.

Long Standing. An improved variety of great merit, with large, thick leaves of a dark green color; greatly appreciated because it goes to seed much later than any other variety	Oz.	Lb.
	\$o 10	\$o 40
Prickly. A very hardy variety; strongly recommended	10	40
Perpetual or Spinach Beet. Produces a great abundance of green leaves, and as soon as one gathering has been made, a fresh crop appears, thus insuring a constant supply of this valuable vegetable	10	75
Viroflay. A large-leaved variety; grown largely in many localities	10	40
New Zealand. Withstands heat and drought and produces leaves in great abundance throughout the summer in the hottest climates, where ordinary spinach will not do well; should be transplanted three feet apart each way, into light, rich soil	10	1 00

Squash

Courge. Kuchen Kurbis. Calabaza.

One ounce will plant fifty hills; four to six pounds, according to variety, is required for one acre. Plant in well-manured hills, the bush varieties three or four feet apart, and the running sorts from six to eight feet. Eight or ten seeds should be allowed to a hill, thinning out after danger of bugs is over, and leaving three of the strongest plants to a hill.



MAMMOTH CHILI SQUASH.

Boston Marrow. Has a thin bright orange skin; rich salmon yellow flesh, fine grained, sweet and dry; is a splendid table squash	Oz.	Lb.
	\$o 10	\$o 75
California Field Marrow. An excellent and nutritious food for stock	05	40
Canada Crookneck. Very robust and suffers less from insects than many other sorts; excellent for pies	10	75
Early White Scallop Bush. Very early; productive, sweet and good	10	60
Hubbard. Flesh fine grained, dry and sweet; the best keeper	10	60
Mammoth Chili. The largest of all, often attaining a weight of two hundred pounds; flesh bright yellow, thick and of good quality	10	75
Mammoth White Bush Scallop. Earlier than the common variety and at least double the size; is a continuous bearer from early in the season until late in the fall; a splendid variety for market	10	75
Perfect Gem. An excellent variety, creamy white, fine grained and splendid flavor	10	60
Summer Crookneck. A good summer sort; golden skin; warted; of especially fine and delicate flavor	10	60

Tomatoes

Tomato. Liebesaffel. Tomates.

An ounce will produce fifteen hundred plants; four ounces will produce enough for one acre. They do best on a light, warm not over-rich soil; and success depends to a very great extent on securing a rapid, vigorous, unchecked growth the early part of the season. Transplant as soon as the plants are fit to handle, into shallow boxes, setting them four or five inches apart. When strong and stocky, set out in hills four feet apart. By training the vines on trellises or other supports, they will be more productive, and the fruit will be of much better quality.

Acme. One of the most popular early varieties, of medium size, round and smooth, purplish pink skin; good bearer	Oz.	Lb.
	\$o 20	\$2 00
Beauty. Fruit glossy crimson, large, smooth and solid; never cracking and holding its size well throughout the season	20	2 00

All seeds can be had in 5-cent packets except where noted.



- Canada Victor.** Very early and productive, of good size and shape, bright scarlet, solid, and ripens up well Oz. Lb.
\$0 20 \$2 00
- Dwarf Champion.** Distinct in foliage and habit of growth, the plants being compact, stocky and upright and requiring no support; fruit is smooth, of medium size, fairly solid, has no hard core and is of good flavor; in color resembles the Acme 25 2 50
- Early Ruby.** A very early sort, with medium-sized fruit of good color, and other desirable qualities 20 2 00
- Favorite.** A favorite variety on account of its smooth, handsome fruit, which is of a rich dark-red color, flesh very firm and very free from rot 20 2 00
- Golden Queen.** A handsome yellow variety, possessing all the good qualities of the best red sorts 25 2 50

Horsford's "Daybreak." The earliest large tomato grown. This is a result of a cross between Mayflower and Trophy, the aim in selection being to produce an early variety of better size and shape than the earliest already on the market. The fruit of "Daybreak" is fully one-third larger than that of Dwarf Champion and others, and more than double the quantity on the vines. In color it is bright red like the Trophy; is quite as solid and when matured is as smooth as a ball. Its foliage is distinct from all other varieties, being of a very dark green; so marked is this characteristic that a plant of "Daybreak" can be easily told among a thousand of any other sort. Price in packets of 25 seeds, each 15c, two packets for 25c.

- Ignotum.** The earliest of the large, deep red, smooth varieties, heavy and solid Oz. Lb.
\$0 25 \$2 50
- Long Keeper.** Very early and productive, free from rot and remarkable for its long-keeping qualities 25 2 50
- Matchless.** Of a rich cardinal red color, symmetrical in form, free from core, of good size and pleasant flavor 20 2 00

New Stone. Very large and of a bright scarlet color, exceedingly solid and firm fleshed, not liable to rot; one of the best shippers there is Oz. Lb.
\$0 25 \$2 50

Paragon. An excellent variety, in great demand by canners; the flesh is solid, well colored and flavored; in season a medium early 20 2 00

Perfection. Somewhat larger and fully as early as Acme, but of a handsome blood-red color, very solid and with few seeds 25 2 50

Red Cherry. A small early variety, size and shape of a cherry; used for pickling 35



Strawberry, or Ground Cherry. Known also as "Husk Tomato." Unequaled for canning or preserving, and, dried in sugar, for use in fruit cake, as raisins or figs, they are unexcelled. Besides being attractive and useful, they are quite a curiosity Oz. Lb.
\$0 35

Trophy. Large and solid, unsurpassed in flavor and productiveness; has been a standard variety for many years 20 \$2 00

Yellow Plum. Handsome variety, skin and flesh deep yellow, used principally for pickling and preserving 30

All seeds can be had in 5-cent packets except where noted.



Turnips

Navel. Ruben. Nabo.

One ounce will sow one hundred and fifty feet of drill; two pounds will sow one acre. This crop does best in highly enriched, light, sandy soil. Sow in drills from twelve to fifteen inches, and thin early to eight or nine inches apart. Have soil rich and deeply cultivated.

Cardinal. Now offered for the first time. One of the best varieties to grow on hot, dry land, not running to seed like other early kinds, and remaining sweet and solid for a long season; it is of medium size, flat, with very short top and of excellent table quality	Oz.	Lb.
	\$0 20	
Extra Early Purple-Top Milan. This has proven to be the earliest and handsomest flat turnip in cultivation; of medium size and flat shape, with bright purple top, pure white flesh of excellent flavor, never bitter, small top and a good keeper	\$0 15	\$1 00
Extra Early Purple-Top Munich. This handsome turnip is entirely distinct from any other variety, growing entirely aboveground; pure white, with a bright purplish-red top and few leaves, flesh fine and of good flavor when young	10	75
Golden Ball, or Orange Jelly. Very handsome, rich, pale-yellow flesh, unsurpassed for excellent table qualities	10	60
Red-Top Strap Leaf. A popular variety of excellent flavor and rapid growth	10	50
White Egg. Skin and flesh of snowy whiteness, sweet, firm and fine grained; excellent either for early or late sowing	10	60
White Flat Dutch. Very early, white flesh, solid and mild	10	50
White French, or Rock. Grows to a large size, good for either table or stock, sweet and mild flavored	10	60
Yellow Aberdeen. Good keeper; usually grown for stock feeding	10	50
Yellow Stone. The best yellow-fleshed variety for table use; delicious quality	10	75

Ruta=Baga

Improved American. The standard variety, solid flesh of superior quality; good for table or stock	Oz.	Lb.
	\$0 10	\$0 75
Laing's Improved. Handsome variety of excellent quality	10	60
Skirving's Purple Top. A first-rate variety and keeps well	10	60

Herbs and Medicinal Plants

No garden is complete without a few aromatic herbs for flavoring soups, etc., and care should be taken to harvest them properly. They should be cut just before they come into full blossom, and should be cured by being tied in bunches and hung up or spread thinly on a floor where they will dry quickly. This class of plants does best in mellow, and not too rich soil. The best general directions for sowing are to cover the seeds about twice their own thickness; when up, thin the plants out so that they may have sufficient light and air, and not be so crowded as to get drawn and unhealthy. Varieties with a * are perennials.

Packet.	Oz.	Packet.	Oz.	Packet.	Oz.
Anise	\$0 05 \$1 00	*Henbane	\$0 05 \$0 20	Saffron	\$0 05 \$0 15
*Balm	05 30	*Hop	05 20	Sage	05 20
Bene	05 20	*Horehound	05 30	Summer Savory	05 20
Borage	05 15	Hyssop	05 30	Sweet Basil	05 20
*Caraway	05 10	*Lavender	05 20	Sweet Marjoram	05 25
Catnip or Catmint	05 40	*Pennyroyal	10 60	*Thyme	05 40
Coriander	05 10	Pot Marigold	05 15	*Winter Savory	05 30
Dill	05 10	*Rosemary	05 50	*Wormwood	05 35
*Fennel	05 15	*Rue	05 20		

Good, strong plants of Fennel, Sage and Thyme, 5c each; 50c per dozen; \$3.50 per 100.

Tarragon, or Estragon. (*Artemisia dracunculus*.) Tarragon seldom, if ever, gives fertile seeds, but is ordinarily reproduced by division of the roots. Originally from Southern Europe, it is thoroughly appreciated by all who know it for the use of its aromatic leaves in seasoning or salads, also for Tarragon vinegar. The foliage, if cut in autumn, can be kept in a dry state the same as other herbs. Easily grown, but succeeds best in a rather warm, dry situation. At the low price at which we offer the plants, this desirable herb should find a place in every garden. Strong roots, 20c each; \$2.00 per dozen.

All seeds can be had in 5-cent packets except where noted.

MISCELLANEOUS AGRICULTURAL SEEDS, ETC.



AUSTRALIAN SALT BUSH.

Australian Salt Bush

(*Atriplex Semibaccatum*).

Such excellent results have attended the experiments with this plant during the past two years, that it is safe to predict that its value cannot be overstated. On the grounds of the State University it has been tested, leaving no doubt as to its utility. In the San Joaquin Valley, in Los Angeles County, and elsewhere in this State, it has been handled intelligently, and with the most gratifying results, put to the severest test on both "black" and "white" alkali lands, so strongly impregnated with the salts as to be regarded as utterly worthless. While the plant will grow in any soil that will sustain any other kind of vegetation, yet its greatest productiveness, so far as known, has been on strong alkali land. See also page 3 of cover. Price, 25c per packet.

Alfilaria (*Erodium cicutarium*). A valuable forage plant belonging to Wild Geranium family, grows about two feet high, is highly nutritious and makes an excellent hay, as much relished by stock as when in the green state. Price, per lb., \$1.00.

	Lb.	100 lbs.
Broom Corn, Improved Evergreen	\$0 10	\$8 00
Buckwheat, Japanese	10	8 00
" Silver Hull	10	7 00
Egyptian Corn, Brown	10	5 00
" " White	10	5 00
Esparsette or Sainfoin. A perennial leguminous plant belonging to the same family as alfalfa; an excellent forage plant for calcareous soils	15	12 00
Flaxseed. For sowing	10	7 00
" Ground. For feeding	10	8 00
Kaffir Corn. A non-saccharine sorghum the stalks and blades of which cure into excellent fodder; in all stages of growth available for green feed	15	8 00
Millet, White French	20	18 00

	Lb.	100 lbs.
Millet, German or Golden	\$0 10	\$6 00
" Pearl or Egyptian	25	20 00
Sorghum, Early Amber	10	6 00
" Early Orange	10	5 00
" Halapense. Known also as Arabian Evergreen Millet and Johnson Grass. Remarkable for its adaptability to all kinds of soil and climate; especially desirable where there is little rainfall, as it will thrive for months without moisture	15	10 00
Sunflower, Russian Mammoth	15	12 00
Tobacco, Connecticut Seed-Leaf. Per oz.		20c
Tobacco, Imported Havana. Per oz.		30c
Vetches or Tares	15	9 00

Sacaline (*Polygonum Sachalinense*). This plant grows to the height of eight to twelve feet with an abundance of large leaves eight to ten inches in length and half as broad, which are devoured with avidity by stock. If seeds are used they should be started as is usual with tomato or cabbage seed, and the plants set out three feet apart each way. Thus planted the foliage should completely cover the ground when the plants are well established. The first cutting should be made when the stems are three to four and a half feet in height and should be cut even with the ground. If the second growth is strong enough, a second cutting may be had, but when well established three or four annual cuttings can be very safely made. Seed, 10c per packet; 75c per oz.; plants, \$1.00 per doz.; \$7.00 per 100.

BIRD SEEDS, POULTRY FOOD, ETC.

If ordered by mail ten cents per pound must be added for postage.

Bird Seed, Our Celebrated Mixture. Without doubt the cleanest and best mixture in the market, and the safest to use for pet birds	Lb.	3 lbs.	
	\$0 10	\$0 25	
Canary. Best Sicily, recleaned	10	25	
Hemp.	10	25	
Maw (<i>Blue Poppy</i>)	20		
Millet. Common	10	25	
" White French	20		
Rape. Sweet German	\$0 10	25	
Sunflower. For parrots	15	40	
Cuttle Fish Bone.	30		
Morris Poultry Cure. A sure preventive and positive cure for all diseases of poultry, 2-lb. bx.	\$1.00	50	
Oyster Shells. Ground for chickens		2 00	
Washed Bird Sand. Per quart box		10c	5 00

Wright's "Practical Poultry Keeper" is a useful book to have. By mail, prepaid, \$2.00.



SELECTED GRASS AND CLOVER SEEDS.

For Lawns and Permanent Pastures.

Freight Charges, Express Charges and Postal Charges to be Paid by Purchaser.

In the following list there is briefly described the best grasses for general use. We never handle low grade or second quality grass and clover seeds, those we offer being all carefully selected of the best grades and specially re-cleaned to meet the demands of our critical trade. Prices given are those prevailing at this date (January, 1896), but, being subject to frequent market fluctuations throughout the season, purchasers of large quantities should WRITE FOR SPECIAL QUOTATIONS AND SAMPLES BEFORE PURCHASING ELSEWHERE.

To Make a Handsome Lawn

The ground must be well dug, raked and leveled and every semblance of a weed root removed. After the seed is sown, which should be done on a calm, dry day, rake the seed in and roll well, or, in the absence of a roller, pat the ground well with the back of a spade or shovel. Another plan is to use a good wide board and walk on it until the soil is uniformly firm. Much of the fine appearance of a lawn depends upon regularity in mowing, as, if left too long before this is done, or if when well established it is not closely mown, the stronger grasses will overgrow the weaker, thus destroying smoothness of surface and rendering the whole patchy and unsightly. For forming new lawns not less than sixty pounds of seed are required per acre, and for the renovation of old ones half that quantity will give good results.

- Menlo Park Lawn Grass.** We devote great care to the preparation of this article, and by careful tests have proved its superiority over all other mixtures. It is composed of the very choicest selected fancy cleaned grasses, entirely free from seeds of weeds, and we can with confidence recommend it to those who wish their lawns to present an evergreen, carpet-like appearance. Price, per pound, 30c. For the convenience of those who require only a small quantity of seed, MENLO PARK LAWN GRASS is put up in boxes containing sufficient for 300 square feet. We forward these boxes free by mail, at 25c each.
- Bermuda Grass** (*Cynodon dactylon*). A valuable grass in hot countries and for fixing loose or sandy soils. It spreads rapidly and is easily propagated by dividing and planting in small clumps. The seed will not germinate in cold weather, hence April, May and September are Per lb. the best months to sow, using at the rate of ten pounds per acre. *Imported seed* \$1 50
- Crested Dog's-tail** (*Cynosurus cristatus*). An excellent grass for hard, dry soils; of exceeding value also for pastures and lawns. When it is used alone, twenty-five pounds are required per acre 40
- Fescue, Meadow** (*Festuca pratensis*). An excellent pasture grass, its long slender leaves being much relished by cattle; succeeds best as a mixture with other grasses; if sown alone, forty pounds to the acre are required 25
- Fescue, Sheep** (*Festuca ovina*). Grows freely in high, dry and open pastures and should enter into the composition of all mixtures for sheep pastures, as they are very fond of this grass. If sown alone thirty-five pounds are required for an acre 25
- Hungarian Grass** (*Panicum Germanicum*). A valuable annual soiling and forage plant, that grows well in almost any soil. Sow at the rate of seventy pounds per acre 10
- Johnson Grass** (*Sorghum Halepense*). Known also as Arabian Evergreen Millet and is one of the most valuable rapid-growing fodder plants known; on rich soil it can be cut three or four times a season; the hay is rich, juicy and tender, and relished by stock. Sow at the rate of thirty pounds per acre 15
- Kentucky Blue Grass, Fancy Clean** (*Poa pratensis*). This is the best pasture grass for our climate and soil, and produces the most nourishing food for cattle; although it yields herbage early, it requires several years to become well established as a pasture grass. It is also a most valuable grass for the lawn, for which purpose use at the rate of sixty pounds per acre, but for pasture thirty pounds per acre will be sufficient 25
- Orchard Grass** (*Dactylis glomerata*). The most valuable and widely known of all pasture grasses, coming earlier in the spring and remaining longer than any other; it is well adapted for sowing under trees, and valuable either for grazing or for hay. Forty pounds are required for one acre 20
- Oat Grass, Tall Meadow** (*Avena elatior*). Recommended for mixtures for permanent pastures in dry, gravelly soils; produces an abundant supply of foliage and is valuable on account of its early and luxuriant growth. Fifty pounds will sow an acre 30
- Red Top** (*Agrostis vulgaris*). A valuable permanent grass for meadows or lawns, growing in almost any soil, moist or dry, and standing heat well. Forty-five pounds to the acre 15
- Red Top, Absolutely Clean.** Cannot be surpassed in quality 20

GRASSES—Continued.

Rye Grass, Perennial (<i>Lolium Perenne</i>). A valuable grass entering largely into the composition of many of the richest pastures; one of the most nutritious of the permanent grasses. Sixty pounds for one acre if sown alone	Per lb. \$0 15
Rye Grass, Italian (<i>Lolium Italicum</i>). Similar to the preceding, but of more rapid growth, which is its chief merit. Fifty pounds will sow one acre	15
Sweet Vernal (<i>Anthoxanthum odoratum</i>). We offer only the true perennial variety of this valuable grass; useful for mixing with other grasses for lawns and meadows, on account of the early growth and fragrance which the leaves emit when cut for hay. When sown alone twenty-five pounds per acre are required	60
Timothy (<i>Phleum pratense</i>). Well known and extensively grown; very productive and thrives on almost any soil; on a moist clay will produce a larger crop than any other grass. From twenty-five to forty pounds are used per acre	10
Wood Meadow Grass (<i>Poa nemoralis</i>). A very productive and nutritious grass; thrives well in moist, shady situations or under trees. Thirty pounds are required for one acre	40

Clover Seed.

Freight charges, Express charges, and Postal charges to be paid by purchaser.

Alfalfa or Lucerne (<i>Medicago sativa</i>). Succeeds well in almost any location, and lasts for a number of years; it grows two or three feet high, and the roots extend deeply into the soil, which enables it to resist the severest drought; it produces heavy crops of nutritious foliage, which may be cut three or four times a year, the best time being just when commencing to bloom	Per lb. \$0 15
Alsike (<i>Trifolium hybridum</i>). Thrives well on rich, moist soils, and yields an enormous bulk of forage very much liked by cattle; may be cut several times a season, and as an addition to mixtures for permanent pastures has no superior	25
Crimson Clover (<i>Trifolium incarnatum</i>). An annual variety, but when sown early in summer in good land can be pastured without harm during the fall and winter and still make a crop of hay at the usual time. It is a rank grower, some stools counting as many as one hundred and twenty blossoms from one seed, averaging eighteen inches in height, and rooting deep even in poor soil. Ten to fifteen pounds of seed are required per acre	15
Japan Clover (<i>Lespedeza striata</i>). A branching perennial, growing about twelve inches high, and in warm latitudes will do well in any soil, even during extreme drought; more nutritious than Red Clover, and makes excellent hay	25
Medium Red (<i>Trifolium pratense</i>). A well-known standard, excellent for pasturage or hay, and should be in all grass mixtures. If sown alone, ten pounds per acre are required	15
White Dutch (<i>Trifolium repens</i>). A spreading perennial; valuable for pastures and lawns; it accommodates itself to a variety of soils, but prefers moist ground; is excellent food for bees	35

Fertilizers and Flower Food

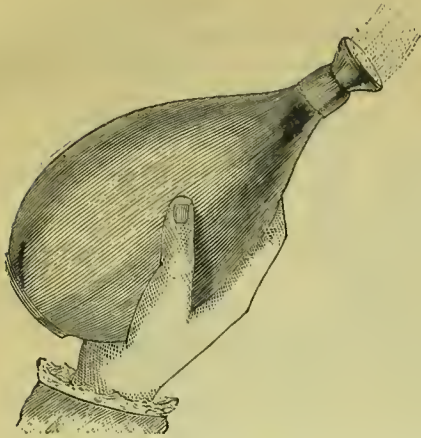
We supply only high grade, reliable fertilizers, goods that we know to be as represented, and, quality considered, prices are unusually low.

	100 lbs.	Ton.
Ground Bone	\$2 50	\$35 00
Pure Guano Flour. Guaranteed to contain 48 to 50 per cent bone phosphate (the same as pure bone meal) and 1½ per cent ammonia	2 25	30 00
Lawn Fertilizer. This is a clean, dry and fine fertilizer, and can be sown either by hand or machine. It is free from all strong odor, and being a complete fertilizer is fit for all kinds of grasses. Never use stable manure on a lawn or it will cost you more to weed it than it does to fertilize it. For a new lawn use from 800 to 1,500 lbs. per acre; harrow in before sowing the seed. To renovate an old lawn, half that quantity will do, or for small lawns use from 3 to 5 lbs. for 100 square feet. 10-lb. bags, 75c; 100-lb. bags, \$2.75		50 00
Rose Fertilizer. Especially suited for roses, shrubbery and the flower garden. Roses fed on this fertilizer will be strong, healthy and vigorous, and will be better enabled to withstand disease and attacks of all kinds of mildew, fungi, insects, etc. It is just the food to brighten up the leaves and make perfect buds and roses. Scatter over the surface of the ground after irrigation, at the rate of 5 lbs. for 100 square feet; and work in the soil as soon as possible thereafter. Per 10-lb. bags, 75c; 100-lb. bags	3 50	
Bowker's Flower Food. This is not a stimulant, but a perfect food for plants, in a concentrated form. It produces healthy foliage, abundant, rich and bright-colored blossoms, and prolongs the period of blossoming. Full directions for using are in each package. A package by mail, postpaid, 50c.		

If you are specially interested in manures, you should read "How Crops Grow," by Prof. Samuel W. Johnson, and "How Crops Feed," by the same author. Either book mailed free for \$2.00.



Miscellaneous Horticultural Requisites.



RUBBER SPRINKLER, \$1.25 EACH.

Bellows. Powder. Large	Each.	\$1 00
“ “ Small		75
“ Vaporizer		2 00
Dibbers. Iron		40
Forks. Digging or Spading, 4 tines		90
Garden Lines. Finest braided, 75 ft.		50
Garden Pencils. Indelible black		15
Grafting Wax. ¼ lb., 15c; ½ lb., 25c; 1 lb.		50
Hoes. Draw or Field, 5 to 8 in.		35c to 50
“ Scuffle or Push, 5 to 9 in.		65c to 90
Knives. Budding	\$1 00 to	1 50
“ Pruning	75c to	1 50
Labels. Wooden—	Per 1,000,	
“ Pot or Garden, 4 in.	Plain Painted.	\$0 70, 1 00
“ “ 5 in.		1 00, 1 40
“ “ 6 in.		1 15, 1 50
“ “ 8 in.		\$0 40, 50
“ “ 12 in.		50, 70
“ Tree or Plant, copper wired, 3½ in.	Per 1,000.	\$1 50
“ “ notched, 6 in.		1 75
Lawn Rakes. Steel wire	Each.	\$0 75
Mole Traps. Olmsted's improved		1 75
Moss. For florists' use; 10c per lb.; per 100 lbs.		6 00

Plant Stakes. Round, tapering, painted green—	Per doz.	Per 100.
2 ft.	\$0 30	\$ 2 00
3 ft.	75	6 00
4 ft.	1 00	7 00
5 ft.	1 25	9 00
6 ft.	1 50	10 00
Unpainted, made from Redwood, 5 ft. long, 1 in. square, per doz., 50c; per 100		3 00
Raffia. For tying plants; superior to twine. Each. Per lb., 25c; 5 lbs. for		\$1 00
Rakes—		
Steel, garden, handled, 6 teeth		40
“ “ “ 8 “		45
“ “ “ 10 “		50
“ “ “ 12 “		55
“ “ “ 14 “		60
“ “ “ 16 “		65
Scissors. Flower gathering		1 25
Scythes. Lawn, 30 to 38 in.		1 50
Scythe Stones. Round Talacre		25
Shears. Pruning, solid steel, 7½ in.		1 50
“ “ “ 8½ in.		1 75
“ “ “ 9½ in.		2 00
Shovels. Best cast steel	\$1 00 to	1 25
Spades: Best quality, square point, long or short handle		1 00
Sprinklers. Rubber, for sprinkling cut flowers, seedlings, clothes, etc.		1 25
Syringes. Brass, of superior manufacture, highly finished	\$2 00 to	6 00
Tinfoil. For florists' use, per lb.		15
Trowels. Solid shank, cast steel, very strong		50
Watering Pots. French model, galvanized iron 6 qts., \$1 50; 8 qts.,		2 00
Weeders. Excelsior		15

**LANG'S
HAND
WEEDER**

HANDIEST
TOOL
ON EARTH.

30¢
BY MAIL
PREPAID

Insecticides.

- Fir Tree Oil.** The best insecticide for indoor use on all plants; is also a valuable remedy for animal parasites and insects. Per pint, \$1.00.
- Fir Tree Oil Soap.** A most useful article to have about the house. By its use you can keep your plants free from all insects, your dogs free from fleas, your poultry free from lice, and keep the skin of your horse healthy and make him shine. One ounce makes one gallon. ½-lb. tins, 25c each; by mail, 35c.
- Gishurst's Compound.** A certain remedy for greenfly, scale, mealy bug, etc. Per box, 50c.
- Grape Dust.** (Hammond's.) A non-poisonous powder for the remedy of mildew and rot on grapes, gooseberries, roses, etc. Per 5-lb. package, 50c.
- Kill'm Right.** (Non-poisonous.) Will not harm the tenderest plant and will kill any kind of insect known to gardeners, florists, and fruit growers. 2-lb. cans, 50c; 10-lb. cans, \$2.25.
- Slug Shot.** A cheap, popular and effective insecticide, easily applied and not injurious or dangerous to animals. 5-lb. pkg., 50c.
- Tobacco Stems.** Indispensable for the fumigation of greenhouses, etc., and for the destruction of black aphid, greenfly and other insects. Per bale of about 250 lbs., \$3.50.
- Whale Oil Soap.** Excellent wash for trees and plants to prevent insects from lodging in the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Per 1-lb. tin, 20c; in bulk, in quantities of 10 lbs. and over, 10c per lb.

Sweet Peas—Our Specialty.

Originators in the United States of the growing on a large scale of Sweet Peas for seed, we are gratified to announce that, notwithstanding the demoralization of prices induced by irresponsible growers who were glad to get any price, however low, from such catalogue seedsmen as would patronize them, we have been steadily favored with orders from those of the large dealers who are critical of quality and desire to offer in their catalogues the most carefully grown Sweet Peas obtainable. We take this occasion to thank the seed trade of the United States, Europe and the Antipodes for their kind patronage and appreciation of our work, as well as to congratulate them upon the discrimination shown in placing their orders with us. Not for one moment have we relaxed diligence in the skillful cultivation and improvement of each one of the worthy varieties of Sweet Peas. We have a trained culturist who has made this subject a study for years, and his experience in this line of work is devoted not only to growing to perfection the known varieties, but also developing new ones, detailed information concerning which latter we shall at a later period give to the public, for whom we have Sweet Pea surprises in store.

Sweet Peas attain in California a perfection almost unheard of in other parts of the world, the size, color and texture of the flowers, the vigor of growth and freedom of flowering, being truly remarkable. In addition, the vitality of California-grown seed is from 30 to 60 per cent higher than that of the best eastern or English grown. These, with many additional advantages, first induced us to become Sweet Pea specialists.

We know the public will rejoice to have placed within their reach in our present catalogue the delectable feast of gaiety which will be revealed to them after planting and nurturing the magnificent novelties and choice varieties enumerated on these Sweet Pea pages. We offer all good novelties, and have made it a point to overlook all alleged novelties that are better omitted from our list.

In view of the offering by various seedsmen of what were represented to be double-flowering varieties of Sweet Peas, it is but proper to state that in *our* careful experiments none of the kinds offered have so far proved reliably double. We have, however, for several years been at work on this line and have confidence that the time will come when we shall be able to offer in a *fixedly* double-flowering Sweet Pea many varieties and of colors up to the present time not even mentioned by the trade.

Plant the seed in good garden soil from October to April, at intervals, for succession. Do not allow them to suffer for water, and give some slight support. Cut the flower spikes freely, as the maturing of seeds greatly shortens the blooming season.

Novelties.

(For latest American Sweet Pea Introductions, see page 8.)



New Dwarf Sweet Pea "Cupid."

The only dwarf Sweet Pea ever known. The foliage is very dark green; blossoms pure waxy-white, of unequalled substance, and fully as large as "Emily Henderson." The plant does not grow over 5 inches high, and never more than 12 to 15 inches in diameter. The stems are about 4 inches long, bearing two or three blossoms, all very near the end of the stem. It is a wonderfully free bloomer and begins to flower as early as May, and continues until November. Regular-sized packets of 20 seeds, 25c each, or 5 pkts. for \$1.00; half-size packets of 10 seeds, 15c each; 2 for 25 cents; 10 pkts. for \$1.00.



Sweet Pea—"Celestial."

(See illustration on page 8.)

A novelty obtained by four years' careful cross-fertilization of the well-known variety "Senator," by which a new, valuable and constant color has been added to the Sweet Pea family.

Sweet Pea "Celestial" is of very robust growth, remarkably large flowering and very floriferous.

The flowers, freely borne on slender stalks, are of a wonderfully tender aerial blue, a color not previously represented among Sweet Peas.

In the morning and toward evening the freshness and purity of this tender hue are especially grateful and charming, while on sunny days a light blush suffuses them. Anyone seeing a row of them would immediately realize how admirably their name "Celestial" describes their loveliness. Words fail to give an adequate idea of the soft delicacy of their tinting. Per pkt., 10c.



SWEET PEA—"KATHERINE TRACY."

Sweet Pea—"Katherine Tracy."

Perfect in form, unsurpassed in size and exquisitely beautiful in color, well describes what promises to be the finest pink sweet pea ever introduced. Although of large size and bold outline, it is yet a most graceful flower, of such splendid substance as to retain its perfection of form much longer than most sorts. The color is soft, but brilliant pink of precisely the same shade in wings and standard, retaining its brilliancy to the last, fading less than any other pink variety. The stems are strong, exceptionally long and bear two or three blooms each, so gracefully poised that when cut they create admiration wherever seen. In practical usefulness this variety is greatly superior to many large flowering sorts of recent introduction. Its large open flower, soft but brilliant color, and effectiveness as a cut flower, will make it the favorite with the florist and the public, while its qualities as an exhibition flower cannot be too highly commended. Per pkt., 10c.

Sweet Pea—"America."

There is no Sweet Pea now in existence which compares with this new variety in distinctiveness. It has a wide, finely-marked blotch of scarlet on pure white ground, with some scarlet veinings toward the edges of both the standard and the wings of the flower.

The only variety which could be considered an approach to it in marking is Gaiety, which, however, has smaller stripes which are a light pale red. This new pea is sure to take a permanent place in making up any assortment of Sweet Peas because of its striking combination of colors. Per pkt., 10c.

Sweet Pea—"Extra Early Blanche Ferry."

This is the earliest Sweet Pea in cultivation, being in full bloom two weeks before any other variety. Of dwarf habit and extremely floriferous throughout the entire season. It is of great practical use to the florist because of its splendid forcing and selling qualities. It is equally valuable in the garden, for it will not fail to reward the efforts of even inexperienced amateurs with an abundance of flowers both earlier and for a longer period than can be obtained from any other variety. The flowers all have the bright contrast of color which has made the old Blanche Ferry so popular, the wings being nearly white, while the standard is deep rose pink, becoming more intense near the base. Every wide-awake, progressive florist should plant largely of this sort, for it has absolutely no rival for forcing. Per pkt., 10c.

Sweet Peas—General List.

Five cents per packet, or your choice of 25 packets for one dollar.

- Adonis.** Regular form; rosy-pink laced with deeper rose; poor substance and small size; black seed.
- Alba Magnifica.** Semi-expanded form; a very good strain of pure white.
- Apple Blossom.** The standards bright pinkish-rose, the wings blush, a beautiful shade of Apple Blossom; very pretty and distinct.
- Blanche Ferry.** Standards bright rose-pink; wings white, contrasting well with standard, frequently showing a delicate lacing of pink; free bloomer.
- Blushing Beauty.** Large hooded form; soft pink, suffused with lilac; a superb flower, a distinct and lovely variety.
- Blushing Bride.** Delicate pink shaded with deep rose.
- Boreatton.** Splendid, deep, dark maroon blossoms. One of the most distinct varieties, with largest flowers.
- Bronze King.** Very novel and unique. Standard of a curious terra-cotta tint, supposed to be bronze; wings ivory white. Very attractive.
- Butterfly.** Hooded form; ground color of standard is white, edged and shaded with blue; standards are notched.
- Captain of the Blues.** Noble flower; standards purple-mauve; wings pale blue.
- Captain Clark, or Tricolor.** White; standard penciled and flushed with carmine; wings blue-edged.
- Cardinal.** Bright shining crimson-scarlet; superb variety.
- Carmen Sylva.** Regular form; standards purplish carmine shading lighter; wings pale blue with a shading of rose at the throat.
- Countess of Radnor.** Pale mauve or lavender, the most chaste and lovely variety.
- Crown Princess of Prussia.** Light blush opening with salmon standards.
- Delight.** White, crested with crimson.
- Dorothy Tennant.** Puce violet, or rosy-mauve; very distinct and beautiful.
- Duchess of Edinburgh.** Scarlet, flushed with crimson; very pleasing.
- Duchess of York.** White, deeply barred and striped with delicate pinkish-purple; a very pleasing shade of color and a large flower of perfect form.
- Duke of Clarence.** Rosy-claret, of deep, rich hue, and large size.
- Duke of York.** The standard is bright rosy-pink with a primrose tint on it. The wings are primrose tinted white, and it is a distinct fine variety.
- Eliza Eckford.** Standards pretty hue of rose, the back of the standards having each a flake of deep rose and tinted with the same, the wings delicately striped with rose; a very pretty and attractive variety.
- Emily Eckford.** A superb flower of a well-marked cerulean tint, the standards suffused with reddish mauve, closely approaching a true blue; a desirable variety, large and of good substance.
- Emily Henderson.** Clear pure white; very early bloomer.
- Empress of India.** Clear rosy-pink standards and white wings, large and very pleasing.
- Fairy Queen.** White, with fine lines of carmine on the standard. Very pretty for contrast.
- Firefly.** A self-colored intense, growing crimson, good size and substance, a very free bloomer.
- Gaiety.** The standards white, striped, and flaked with bright rosy-lilac; the wings delicate blush.
- Grand Blue.** Pure blue wings, slightly shaded mauve; standard deep, rich purple, touched with rose.
- Her Majesty.** A beautiful, soft, rosy-pink self, very large, showy, handsome, distinct; a flower difficult to describe, very grand.
- Ignea.** Crimson, scarlet standards, wings pale scarlet, flushed with purple, very bright and effective.
- Indigo King.** Maroon standards, clear indigo blue wings.
- Invincible Scarlet.** Intense shining crimson-scarlet, covering the vines with a profusion of bloom.
- Isa Eckford.** Creamy-white, suffused with rosy-pink.
- Lady Beaconsfield.** Salmon standards tinted with rose, the wings pale yellow, very distinct and beautiful.
- Lady Penzance.** Pale but very bright rose, exquisite color, very striking and distinct, a most chaste and lovely flower.
- Lemon Queen.** Delicate blush-pink standards tinted with lemon, with blush almost white wings, a very pleasing light variety, large, grand.
- Lottie Eckford.** The reverse of the standards deep mauve, paler on the surface, the wings white beaded with soft mauve.
- Meteor.** The standards very bright orange-salmon. The wings delicate pink with slight veins of purple, a flower possessing rare novelty, very rich.
- Miss Hunt.** Pale carmine, salmon standards, with soft pink wings; very pretty indeed.
- Monarch.** Bronzy-crimson standards, with rich deep blue wings, a very large and striking variety.
- Mrs. Eckford.** Large, handsome, self-colored flower, of the finest substance, color a peculiarly shaded primrose, exquisite, a great acquisition.
- Mrs. Jos. Chamberlain.** White, striped and flaked heavily with bright rose, a charming flower, fine form, very striking and pretty.
- Mrs. Gladstone.** Delicate pink standards; the wings blush, edged with delicate pink; a singularly pretty and pleasing variety.
- Mrs. Sankey.** Pure white, a large, bold flower; a fine improvement on all other whites; very grand.
- Nellie Jaynes.** White and light pink.
- Novelty.** Orange-rose standards, the wings delicate mauve, lightly margined with rose, very bright.
- Orange Prince.** Bright orange-pink, flushed with scarlet; very distinct and beautiful.
- Ovid.** The standards and wings bright rosy-pink margined with rose, a very pleasing flower, a great gem.
- Painted Lady.** Regular form; standards bright rosy-pink, wings white.
- Peach Blossom.** Salmon-pink standards, the wings soft pink, very pleasing indeed.
- Primrose.** A near approach to a Yellow Sweet Pea, quite novel and distinct in color.
- Princess Beatrice.** A beautiful rosy-pink, very pretty.
- Princess Louise.** Pink standards, wings deep lilac.
- Princess May.** New pale heliotrope or lavender.
- Princess Victoria.** Standards dark cerise, the wings mauve-pink and slight lines of rose, very attractive.
- Princess of Wales.** A lovely variety shaded and striped mauve, on white ground.
- Purple Prince.** Maroon standards, shaded with bronze and purple-blue wings; very fine and distinct.
- Queen of England.** White, of large size and good substance.
- Queen of the Isles.** Scarlet with white stripes. Charming mottled, not large but handsome.
- Red and White Striped.**
- Rising Sun.** Standards embrace a curious mixture of orange and rose shaded, splashed and spotted carmine, wings pale rose, shading off to blush.
- Royal Robe.** Delicate pink standards, the wings soft blush-pink, a lovely flower, an exquisite variety.
- Senator.** A large bold flower, finely expanded standards, shaded and striped chocolate on creamy ground.
- Splendor.** Color rich bright pinkish-rose, shaded with crimson; flowers large and of the finest form.
- Stanley.** Deep maroon self, large, very handsome, distinct, beautiful flower, of the finest form.
- The Queen.** Rosy-pink shaded with light mauve.
- Venus.** Salmon-buff; the standards delicately shaded rosy-pink; a very distinct and charming flower.
- Vesuvius.** Standards shading into violet, with crimson spots; wings clear blue.
- Violet Queen.** Standard deep mauve; wings light violet.
- Waverly.** Rosy-claret shaded standards, pale blue wings shaded with rose, very distinct.
- New Large Flowered Mixed.**



... GENERAL LIST OF ...

SELECT ≡ FLOWER ≡ SEEDS.

Embracing all the Most Popular Varieties.

ANNUALS grow, bloom and die the first year from seed. *BIENNIALS* bloom the second year from seed, and then die; though many, if sown early in the spring, will flower the first year. *PERENNIALS* usually bloom the second year from seed, and continue to grow and bloom for many years; some will also bloom the first year if sown early.

Abutilon. Easily raised from seed and flower beautifully the first season, bearing a rich profusion of elegant bell-shaped flowers. Pkt., 10c.

Adlumia cirrhosa. An attractive climber with beautiful feathery foliage and rose-colored flowers. Pkt., 10c.

Ageratum. Suitable and effective plants for bedding and cut flowers, mixed colors. Pkt., 5c.

Agrostemma, mixed. Pretty, free-blooming hardy plants growing about a foot high. Pkt., 5c.

Alyssum, sweet. Free-flowering and very fragrant; useful for edgings and rock work. Pkt., 5c.

Amaranthus. Very ornamental plants, some producing large panicles of showy flowers, others brilliant-colored foliage.

—**Caudatus** (*Love-Lies-Bleeding*). Long red panicles. Pkt., 5c.

—**Salicifolius** (*Fountain Plant*). Willow-like foliage. Pkt., 5c.

—**Tricolor** (*Joseph's Coat*). Yellow, red and green foliage. Pkt., 5c.

—**Choice Mixed.** Pkt., 5c.

Antirrhinum (*Snapdragon*). Showy perennials, bearing beautiful spikes of gay-colored flowers; all colors mixed. Pkt., 5c.

Aquilegia (*Columbine*). Highly ornamental plants with curiously formed flowers of striking and beautiful colors; mixed colors. Pkt., 5c.

Asters.

No garden is complete without a few of these popular and effective flowers. While most easy of culture there is no flower which combines so much beauty and variety of color and shape as the improved strains of aster. For a late summer or fall display they have no successful rival. Give them a rich soil and in hot dry weather they should be mulched and well watered.

Aster—Semple's new Chrysanthemum-flowered. This new strain of American-grown asters has been by careful selection brought to a high degree of excellence, and is to-day the best variety for the amateur and florist to grow. The plants are of branching habit, from two to three feet in height, producing from twenty to twenty-five large, perfect flowers from four to six inches in diameter on stems from ten to twenty-four inches in length. The flowers are perfect, with broad, long petals which are curled so much as to give the blooms the appearance of a chrysanthemum. One of the great advantages of this aster is its late blooming, coming in flower when other asters are over, and at a time when other flowers are scarce, and is just the flower to fill in with. Pkt., 25c.

—**Comet.** A beautiful and distinct variety, with long, wavy and twisted petals, resembling the Japanese chrysanthemums; well-grown plants producing from twenty-five to thirty perfectly double flowers measuring from three to four inches in diameter. Mixed, pkt., 10c.

—**Giant Emperor.** Flowers of great size, fine form and brilliant color; mixed colors. Pkt., 10c.

—**Mignon.** Similar in habit to *Victoria*, but the flowers are smaller, beautifully imbricated; pure white, and a very perfect form; one of the finest white asters for cutting. Pkt., 15c.

—**Quilled German.** Perfectly double, tube or quill-shaped flowers; useful for bouquets; mixed colors. Pkt., 5c.

—**Rose Flowered.** Pyramidal, robust habit regularly imbricated; variously colored, large, very double, brilliant flowers. Pkt., 10c.

Aster—Snowball or White Princess. This is the first variety of an entirely new class, which from the build of its flowers is as beautiful as it is distinct. They are composed of short, very thickly set imbricated petals, half globular in form, and of the purest white. Pkt., 15c.

—**Truffaut's Pæony-flowered Perfection.** One of the most perfect; large flowers; petals beautifully incurved—mixed colors. Pkt., 10c. Crimson, white and pink, each, per pkt., 15c.

—**Victoria.** The finest class of Asters; for size, range of color and profusion of bloom it is unsurpassed; mixed colors. Pkt., 10c.

—**Washington.** This splendid variety is the largest Aster grown, bearing flowers four to five inches in diameter, very double, mixed colors. Pkt., 10c.

—**Choice Mixed.** Pkt., 5c.



Balloon Vine. Ornamental, rapid-growing climber, remarkable chiefly as having an inflated membranous capsule, from which it derives its common name. Pkt., 5c.

Balsam (*Lady's Slipper*). An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easy culture. Pkt., 5c.

Brachycome (*Swan River Daisy*). Beautiful free-flowering plants covered with a profusion of Cineraria-like flowers; very effective for edgings; mixed colors. Pkt., 5c.

Browallia. Pretty plants for bedding purposes, furnishing an abundance of strikingly beautiful flowers. Pkt., 10c.

Calceolaria hybrida grandiflora. An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse or conservatory. Pkt., 25c.

Calendula. Showy, free-flowering annuals, deserving a place in every garden.

—**Meteor.** Yellow striped with orange. Pkt., 5c.

Calliopsis or Coreopsis. Handsome and showy plants, with numerous flowers of all shades of yellow, orange, and gold, with a dark velvety center; of easy culture and rapid growth, and does well in any garden.



COREOPSIS JAPONICA.

The flowers are large, quite double and perfectly formed, never bursting the calyx, and show all colors and variegations through beautiful shades of red, pink and white. Pkt., 15c.

Carnation, Grenadin. Large fine double flowers of a brilliant scarlet color and very fragrant. Pkt., 15c.

—**Riviera Market.** A splendid strain, producing over eighty per cent double flowers in many beautiful colors, including a large percentage of yellows. Pkt., 25c.

Calliopsis Japonica. A new very bushy growing sort from Japan, with narrow leaves; flowering abundantly from June to autumn. It is one of the best of its class. The canary-yellow flowers rise above and all around the bushy plant. Pkt., 25c.

—**Lanceolata** (*New Golden Coreopsis*). One of the most showy varieties, forming tall plants two to three feet high, and bearing in great profusion for a long period during the summer large flowers of bright golden yellow. Pkt., 10c.

—**Mixed.** Pkt., 5c.

Camellia. Saved from a large collection of choice varieties. Pkt., 15c.

Campanula (*Bell Flower*). Very attractive plants, with pretty bell-shaped flowers; of very easy cultivation; mixed. Pkt., 5c.

Canary Bird Vine. A rapid-growing climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed, bright yellow flowers, which resemble a canary bird with expanded wings. Pkt., 5c.

Candytuft. Favorite plant of the easiest culture, useful for growing in beds or masses; mixed. Pkt., 5c.

—**Crimson.** Pkt., 5c.

—**Empress.** Pure white. Pkt., 10c.

—**White Rocket.** White. Pkt., 5c.

Canna, Crozy's Dwarf. Highly ornamental plants with massive foliage terminated by racemes of bright-colored flowers. Pkt., 10c.

Canterbury Bellis, Single Mixed. Beautiful large, bell-shaped flowers; handsome for border or pot culture. Pkt., 5c.

—**Double Mixed.** All the finest double varieties. Pkt., 5c.

Carnations.

A magnificent class of popular favorites, most of which are deliciously fragrant, and with colors extremely rich and beautiful. They are indispensable both for greenhouse culture in winter and for the garden in summer.

Carnation, Margaret! A new dwarf double form of hardy carnation which blooms four months from seed-sowing, and never fails to give a large percentage of handsome double flowers. Plants which have bloomed all summer in the garden are frequently potted for winter decoration, and continue blooming for a long time.

Carnation, Vienna Early Flowering. Double sweet-scented flowers in a great variety of colors. Pkt., 10c.

—**Extra Choice Mixed.** Pkt., 25c.

—**Fine Mixed.** Pkt., 5c.



New Celosia, "Ostrich Feather."



OSTRICH FEATHER CELOSIA.

- Eclipse.** Showy and very striking, colors a combination of yellow, purplish-scarlet, and dark brown. Pkt., 10c.
- Double White.** Pkt., 5c.
- Double Yellow.** Pkt., 5c.
- Indicum.** Saved from our own superb collection. Pkt., 15c.
- Cineraria hybrida grandiflora.** Saved from best varieties, choice mixed. Pkt., 25c.
- Double.** Large flowering; mixed; a superior strain. Pkt., 25c.
- Clarkia.** An old favorite plant, growing well in any garden soil. Seed can be sown either in September or early spring; mixed. Pkt., 5c.
- Clematis hybrida.** The flowers will average three inches in diameter, ranging through all conceivable shades of purple, violet, porcelain, blue, and white. Pkt., 10c.
- Clanthus Dampieri.** (*Australian Glory Pea.*) A beautiful plant with brilliant, rich scarlet, pea-shaped flowers, with an intense black spot in each center. Pkt., 10c.
- Cobea scandens.** A beautiful, rapid-growing climber, with handsome foliage and large bell-shaped flowers, green at first, changing to a deep violet blue. Pkt., 10c.
- Scandens Fl. albo.** A white-flowered variety of the preceding. Pkt., 15c.
- Coleus.** Saved from the finest hybrid sorts; remarkable for size and brilliancy of foliage. Pkt., 15c.
- Collinsia.** A pretty, free-blooming plant with various colored flowers, white, pink, violet, purple, blue, and gray blue; mixed. Pkt., 5c.
- Convolvulus.** (*Morning Glory.*) The most popular annual in cultivation. The dwarf varieties are very pretty for hanging baskets and vases.
 - Major.** Tall varieties mixed. Pkt., 5c.
 - Minor.** Dwarf varieties mixed. Pkt., 5c.
 - Crimson violet.** A beautiful dwarf variety. Pkt., 5c.

This new feathered Celosia produces large plumes, exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form, and the numerous plumes waving gracefully above the foliage makes it one of the most effective ornamental plants for either pot or outdoor culture. Pkt., 15c.

Celosia (*Cockscomb*). Handsome free-blooming plants of easy culture, producing pretty flowers in combs and feathery spikes.

—**President Thiers.** Very dwarf and bears large crimson combs. Pkt., 10c.

—**Feathered Varieties** in fine mixture. Pkt., 5c.

Centaurea. An interesting genus, remarkable for the free-flowering habit of some of its members and the beautiful silvery foliage of others.

—**Cyanus.** (*Bachelor's Button.*) Blue. Pkt., 5c.

“ Mixed, all colors. Pkt., 5c.

—**Candidissima.** Large silvery white leaves, deeply lacinated. Pkt., 10c.

—**Gymnocarpa.** Silvery gray foliage. Pkt., 5c.

Chrysanthemum.

The annual varieties have become one of the most popular of our annuals, and stand without a rival for gorgeous display in the flower garden.

Cosmos. The flowers are borne on long stems, and are white, flesh color, charming light pink, and deep rose in color, each with a bright yellow center. Both foliage and flowers are excellent for bouquets and vases.

—**Hybridus, Pink, White, or Mixed.** Pkt., 10c.



CYCLAMEN PERSICUM GIGANTEUM.

Cyclamen Persicum Giganteum. Charming plants with beautiful foliage and rich-colored, orchid-like, fragrant flowers. The giant flowered strain offered by us is far superior to what is generally sold under that name, and represents the highest type of this flower. The colors range from pearly white to dark crimson with all the intermediate shades and markings.

—**All Colors Mixed.** Pkt., 25c.



Cyclanthera Explodens. A climbing plant with handsome foliage and oval-shaped fruit, exploding loudly when ripe. Pkt., 5c.

Cypress Vine. (*Ipomea quamoclit.*) A popular vine with delicate fern-like foliage covered with beautiful star-shaped flowers; mixed. Pkt., 5c.

Dahlia. This is too well known to need description, though not generally known that they may be had in the greatest variety and beauty from seed.

—**Double.** Finest mixed. Pkt., 10c.

—**Single.** The new varieties are exceedingly beautiful and are highly prized for cut flowers. The seed we offer was saved from splendid new varieties, which for brilliancy of color cannot be surpassed; if sown early in spring they will flower in August. Finest mixed. Pkt., 10c.

Daisy. (*Bellis perennis.*) Charming plants for edgings and dwarf beds. Thrive well in shady places.

—**Pink, White, or Mixed.** Pkt., 10c.

Delphinium. (*Larkspur.*) Flowers remarkable for their great beauty, diversity of shades and striking appearance.

—**Cardinalis.** Brilliant scarlet. Pkt., 10c.

Delphinium Formosum. Beautiful brilliant blue flowers with a white center. Pkt., 10c.

—**Nudicaule.** Dwarf, with spikes of bright scarlet flowers. Pkt., 10c.

—**Elatum.** (*Bee Larkspur.*) Rich deep blue, very free blooming. Pkt., 10c.

—**Perennial Varieties.** Mixed. Pkt., 5c.

—**Annual Varieties.** Mixed. Pkt., 5c.

Dendromecon Rigidum. (*California Tree Poppy.*) A native of the southern part of this state; grows about three feet in height, with bluish foliage, contrasting elegantly with the color of the flowers, which are of a lovely lemon yellow and possessed of all the characteristics of a true poppy. The flowers spread widely during the day, but acquire a more compact form after noon. Pkt., 20c.

Dianthus. (*Pinks.*) Of immense value for bedding purposes, as the flowers retain their beauty during the entire summer. The colors are marvelous, ranging from pure white to richest crimson, and beautifully laced and striped.

—**Chinensis, Fl. Pl.** (*China Pink.*) Pkt., 5c.

—**Heddewigii, Fl. Pl.** Pkt., 5c.

—**Imperialis, Fl. Pl.** (*Imperial Pink.*) Pkt., 5c.

—**Laciniatus, Fl. Pl.** (*Fringed Pink.*) Pkt., 5c.

—**Plumarius, Fl. Pl.** (*Garden Pink.*) Pkt., 10c.

Digitalis. (*Foxglove.*) Long spikes of beautiful thimble-shaped flowers; mixed. Pkt., 5c.

Eschscholtzia, or California Poppy.

A showy, free-flowering genus of plants, bearing handsome, graceful foliage, and flowers of the richest colors. They bloom very early, and should be sown as soon as the ground can be prepared, where they are to remain, as they will not bear transplanting. Hardy annual, thriving best in light, warm soil.



ESCHSCHOLTZIA, OR CALIFORNIA POPPY.

Eschscholtzia California. Yellow. Pkt., 5c.

—**California alba.** White. Pkt., 5c.

—**California aurantiaca.** Orange. Pkt., 5c.

—**California carminea.** Rose. Pkt., 5c.

—**Crocea, Fl. Pl.** Orange, double. Pkt., 10c.

—**Crocea alba, Fl. Pl.** White, double. Pkt., 10c.

—**Crocea striata.** Striped. Pkt., 5c.

—**Mandarin.** Deep orange. Pkt., 10c.

—**Maritima.** Yellow. New. Pkt., 10c.

—**Tenuifolia.** Pale yellow. Pkt., 5c.

—**All Varieties Mixed.** Pkt., 5c.

California Yellow Bells.

Emmenanthe Penduliflora.

The Yellow Bells of California, as it is called, forms a broad bush eighteen inches to two feet high. Each of its numerous branches is fairly loaded with bell-shaped, pendulous flowers, a half inch long, and of a delicate cream color. The flowers are almost everlasting, the persistent corolla drying and retaining its shape until the seed has ripened. The seeds may be sown in mellow soil blooming by sowing seeds early in the greenhouse, to a permanent place in the border. Pkt., 10c.

early in spring, or the plants can be brought into earlier hotbed, or cold frame, and afterwards transplanting to

Everlasting Flowers and Ornamental Grasses

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. If cut as soon as they come into full bloom, tied in small bunches and dried slowly in the shade, with the heads downward to keep the stems straight, they will retain their beauty for years.

Everlasting Flowers.

Acroclinium Roseum, Fl. Pl. Bright rose.

Ammobium Alatum Grandiflorum. Pure white.

Gomphrena, Mixed (*Bachelor's Buttons*).

Helichrysum, Finest Mixed.

Rhodanthe, Finest Mixed.

Xeranthemum. Leaves silvery, brilliant colors of purple, rose and white flowers. Packet of any variety, 5c.

Ornamental Grasses.

Avena Sterilis (*Animated Oats*).

Briza Maxima (*Rattlesnake Grass*).

Coix Lachrymæ (*Job's Tears*).

Eragrostis Elegans (*Love Grass*).

Gynerlum Argenteum (*Pampas Grass*).

Stipa Pennata (*Feather Grass*).

Zea Japonica Variegata (*Variegated Japanese Maize*). Packet of any variety, 5c.

**Euphorbia variegata** (*Snow on the Mountain*.)

A large, robust-growing annual, with very ornamental green foliage, striped with white. Pkt., 5c.

Ferns. Saved from the choicest greenhouse varieties. Pkt., 15c.

Forget-me-not (*Myosotis*). Popular and beautiful little plants, with neat star-like flowers, blooming the first year from seed.

—**Alpestris.** Blue. Pkt., 10c.

“ **Alba.** White. Pkt., 10c.

—**Dissitiflora.** Large, dark blue flowers, compact and early. Pkt., 15c.

Freesia refracta alba. This well-known fragrant flower is easily raised from seed. Pkt., 5c.

Fuchsia. Mixed single and double, saved from the best strains. Pkt., 25c.

Gaillardia. Attractive plants; remarkable for profusion of bloom and brilliancy of color. Choice mixed. Pkt., 5c.

Geranium. Saved from choice varieties. Pkt., 10c.

—**Apple scented.** Very fragrant. Pkt., 25c.

Gilia tricolor. Flowers orange yellow with a white margin, separated by a circle of deep purple. Pkt., 5c.

Gladiolus. Splendid mixed. Pkt., 10c.

Godetia. Attractive and beautiful plants embracing a great variety of rich colors.

—**Duchess of Albany.** Pure white. Pkt., 5c.

—**Lady Albemarle.** Crimson. Pkt., 5c.

—**Choice Mixed.** Pkt., 5c.

Golden Rod (*Solidago canadensis*). Pkt., 5c.

Gourds.

Gourds are a vigorous class of plants with curiously formed and strangely colored fruit. The forms may be wonderfully varied by tying strings around the young fruit, or by inclosing same in a curved mold while growing, thus stamping on its surface any desired figure or letters. It is necessary that the seed should be planted early, as it requires a whole season to mature some of the varieties. Very desirable for covering old fences, stumps, arbors, etc.

Apple Shaped. Yellow, beautifully striped.

Bottle. Handsome and useful.

Dipper or Siphon. Useful for dippers.

Dishcloth or Chinese Loopa.

Egg Shaped.

Hercules' Club. The longest of all the varieties.

Lemon Shaped.

Pear Shaded.

Mixed, all Varieties.

Packet of any variety, 5c.



ORNAMENTAL GOURDS.

Grevillea Robusta Ornamental plants, suitable for room or conservatory decoration. Their large, finely divided fern-like foliage gives them a very graceful and elegant appearance. Pkt., 10c.

Gypsophila. Free flowering plants suitable for rockwork, hanging baskets, etc. Mixed Pkt., 5c.

Helianthus Cucumerifolius

“Stella.”

As an addition to long stemmed flowers for cutting purposes is always welcome, we do not doubt but that this new annual Sunflower will soon be a general favorite. It attains a height of 3 to 4 feet and differs from the *Helianthus cucumerifolius* or Miniature Sunflower by its larger and better formed flowers of the purest golden yellow with a black disk. The individual flowers, $2\frac{1}{2}$ to 3 inches across, are all borne on long stems and rise well above the lively green, small foliage. Sown on a sunny spot in the open ground in April, flowers may be cut daily from the end of June until the frost kills the plants. Pkt., 25c.

Helianthus, Globosus Fistulosus (*Globe Sunflower*). Pkt., 5c.

—**Mammoth Russian.** Pkt., 5c.

—**Nanus Variegatis.** Variegated leaves. Pkt., 5c.



HELIANTHUS CUCUMERIFOLIUS “STELLA.”



JAPANESE CLIMBING HOP.

Humulus Japonicus variegata (*Japanese Hop*).

A beautiful climber; variegated foliage. Pkt., 10c.

Hyacinth Bean (*Dolichos*). A beautiful, quick-growing climber, with blue and white flowers borne in immense clusters; mixed. Pkt., 5c.

Hyacinthus Candicans (*Summer Hyacinth*). Pkt., 10c.

Ice Plant. Thick fleshy leaves that have the appearance of being covered with ice. Pkt., 5c.

Heliotrope. Favorite plants for bedding and pot-culture; much prized on account of their delicious fragrance. Pkt., 10c.

Hollyhock. Well-known garden favorites. In separate colors: Double White, Crimson, Canary Yellow, Rose Violet. Each, pkt., 10c; choice mixed, pkt., 10c.

New Dwarf Striped French Marigold, "Electric Light."

This pleasing novelty in French Marigolds is now offered for the first time. In habit it is dwarf and compact, and is a most profuse bloomer. The distinguishing characteristic is a bright lemon stripe on a chocolate maroon ground, this combination presenting a most pleasing plate of color, contrasting favorably with the old orange shade. Pkt., 25c.

Marigold, African. Mixed. Pkt., 5c.

—**El Dorado**. Large and very double, ranging in color from pale yellow to deep orange. Pkt., 5c.

—**French**. Dwarf varieties, mixed. Pkt., 5c.

Ipomœa Grandiflora, "Hesperus."

This beautiful *Ipomœa* is doubtless the finest form obtained up to the present; it is a most brilliant variety of *Ipomœa Mexicana Grandiflora Alba* or Moonflower. Its flowers are as large again as those of the original form, measuring about 6 to 8 inches in diameter; it climbs 30 feet high and its large pure white flowers are extremely fragrant, even more so than orange blossom or jasmine. This plant does well in any soil, but requires frequent watering. Pkt., 25c.

Ipomœa. Rapid-growing plants with handsome bright-colored, trumpet-shaped flowers; excellent for covering old walls, stumps, arbors, etc.

—**Bona Nox** (*Evening Glory, or Good-night*). Pkt., 5c.

—**Coccinea** (*Star Ipomœa*). Pkt., 5c.

—**Heavenly Blue**. Pkt., 10c.

—**Learii**. Pkt., 10c.

—**Noctiflora** (*Moonflower*). Pkt., 10c.

Kenilworth Ivy (*Linaria*). Beautiful trailing plant. Pkt., 5c.

Lantana. Choice mixed. Pkt., 5c.

Linum rubrum (*Scarlet Flax*). Pkt., 5c.

Lobelia. Beautiful class of plants, with delicate drooping habit. The profusion of their flowers renders them ornamental for vases and hanging baskets, borders or ribbons.

—**Alba**. White. Pkt., 5c.

—**Erinus speciosa**. Blue. Pkt., 5c.

—**Gracilis**. Light blue. Pkt., 5c.

—**Emperor William**. Very dark blue. Pkt., 5c.

Lophospermum scandens. A beautiful climber with large bell-shaped blue flowers. Pkt., 10c.

Lupinus. Annual varieties, mixed. Pkt., 5c.

Perennial varieties, mixed. Pkt., 5c.

Lychnis Chalcedonica (*Burning Star*). Brilliant scarlet. Pkt., 5c.

Mandevillea suaveolens. Pkt., 10c.



MARIGOLDS.



Marvel of Peru (*Four o' Clocks*). Finest mixed. Pkt., 5c.

Matricaria (*Feverfew*). Double white. Pkt., 5c.

Maurandya Barclayana. Free-blooming climber, covered with blue and white flowers. Pkt., 10c.

Mignonette (*Reseda*). Modest flowers of great popularity on account of their exquisite fragrance.

—**Crimson Queen**. Pkt., 5c.

—**Giant Pyramidal**. Pkt., 5c.

—**Golden Queen**. Pkt., 5c.

—**Machet**. Pkt., 10c.

—**Mile's Spiral**. Pkt., 5c.

—**Sweet**. Oz., 15c; pkt., 5c.

Mimosa pudica (*Sensitive Plant*). A curious and interesting plant. Pkt., 5c.

Mimulus (*Monkey Flower*). Tender plants, with brilliantly colored flowers, blotched and spotted in every conceivable manner.

—**Tigrinus grandiflorus**. Large-flowered, tigered and spotted varieties; mixed. Pkt., 10c.

Mimulus Moschatus (*Musk Plant*). Leaves, musk-scented. Pkt., 5c.

Mina Lobata. A climber from Mexico; flowers, red and orange, shading to white. Pkt., 10c.

Momordica Balsamina (*Balsam Apple*). Pkt., 5c.

—**Charantia** (*Balsam Pear*). Pkt., 5c.

Nasturtium (*Tropaeolum*). Tom Thumb. All best colors mixed. Pkt., 5c.

Nasturtium (*Tropaeolum*). Tall. All best colors. Mixed. Pkt., 5c.

Nemophila insignis. Bright blue with white center. Pkt., 5c.

—**Fine Mixed**. Pkt., 5c.

Nicotiana affinis. An ornamental variety of tobacco with large white fragrant flowers. Pkt., 10c.

Nierembergia. Beautiful free-blooming plants; mixed colors. Pkt., 5c.

Oenothera (*Evening Primrose*). A continuous blooming, free-flowering plant that opens near the close of the day; mixed colors. Pkt., 5c.

Oxalis Rosea. Pkt., 5c.

New—Pansy, "Fiery Faces."

The pansy "Fiery Faces" is of compact growth and the flowers are of pleasing shape. The color is purple scarlet with yellow margin and yellow eye. The three lower petals are regularly marked with large velvety-black spots. In spring and autumn they are particularly brilliant. A bed of their small "fiery faces" inspires wonder and admiration, each flower displaying itself as if to greet us with its friendly smile. The effect is as surprising as it is agreeable and bestows on this interesting and charming novelty quite a peculiar merit as a show flower for bed or border. Pkt., 30c.

Pansy Azure blue. Pkt., 5c.

—**Dark Blue**. Pkt., 5c.

—**Bronze Colored**. Pkt., 5c.

—**Candidissima**. White. Pkt., 5c.

—**Emperor William**. Ultramarine blue. Pkt., 5c.

—**Gold Margined**. Splendid. Pkt., 5c.

—**Lord Beaconsfield**. Large deep purple violet, shading in top petals to a white hue. Pkt., 10c.

—**Peacock**. New, large peacock-blue flowers with white edge. Pkt., 20c.

—**Victoria**. New red, fine. Pkt., 15c.

—**Yellow**. Pure without an eye. Pkt., 10c.

—**Bugnot's Superb Blotched**. Yields a profusion of rare colors and handsome flowers. Pkt., 10c.

—**Menlo Park Mixture**. An extra fine mixture of giant-flowered pansies. Pkt., 25c.

—**Mixed**. Of good quality. Pkt., 5c.

Passion Flower. In favorable locations grows vigorously and produces magnificent flowers.

—**Cerulea**. Blue. Pkt., 10c.

—**Incarnata**. Produces edible fruit. Pkt., 15c.

—**Von Volxemi**. Flowers very large rich scarlet. Pkt., 15c.

Perilla nankinensis. Highly ornamental, having a beautiful metallic ebony-purple foliage. Pkt., 5c.



PHLOX DRUMMONDII GRANDIFLORA.

Phlox Drummondii (*Star of Quedlinburg*). The habit of growth of this variety is very dwarf and compact, and the flowers, the petals of which are partly fimbriate and partly three toothed, are distinctly bordered with white, which, with the bright eye of the center, contrasts with the many shades of rich velvety colors. Pkt., 10c.



Petunia.

There is scarcely a class of plants to equal this, whether grown in pots to adorn the greenhouse or the sitting room window, or planted out in beds and mixed borders. The brilliancy and variety of its colors, combined with the duration of its blooming period, render it invaluable. The plants are of easy culture and thrive well in any good garden soil.

- Grandiflora fimbriata.** Beautifully fringed and the most charming colors. Pkt., 25c.
- Double.** Large flowered, fringed. Immense flowers in magnificent colors. Pkt., 30c.
- Countess of Ellesmere.** Pink, white throat. Pkt., 5c.
- Fine Mixed.** Choice colors. Pkt., 5c.

Phlox Drummondii. These flowers are of extreme beauty, are unrivaled for richness of color, profusion and length of duration in bloom.

- Grandiflora.** Large flowering mixed. Pkt., 10c.
- Alba.** Pure white. Pkt., 5c.
- Isabellina.** Pale yellow. Pkt., 5c.
- Nana Compacta.** Mixed, dwarf-growing, various colors. Pkt., 10c.

Portulaca, Double. All colors mixed. Pkt., 10c.

—**Single.** All colors mixed. Pkt., 5c.

Primula Sinensis Fimbriata (*Fringed Chinese Primrose*). A profuse-flowering, charming greenhouse plant, finely adapted for decorative purposes.

- Single.** All colors mixed. Pkt., 25c.
- Double.** All colors mixed. Pkt., 50c.
- Fern-leaved.** All colors mixed. Pkt., 25c.
- Obconica.** A beautiful pot plant; remains in bloom a long time. Pkt., 20c.



PETUNIA.

Salpiglossis. Large, funnel-shaped flowers, delicately veined and mottled with various colors; finest mixed. Pkt., 10c.

Salvia splendens. Bright red. Pkt., 10c.

—**patens.** Blue. Pkt., 10c.

Sanvitalia procumbens fl. pl. Beautiful dwarf annual for beds or rockeries. Pkt., 5c.

Saponaria calabrica. Pink; for beds or edgings. Pkt., 5c.



Poppies.

Extremely showy, free-flowering plants, which by their stately form, brilliant and effective colors, are admirably adapted to enliven shrubbery and mixed borders.

Poppy—Carnation flowered. Mixed. Pkt., 5c.

—**Danebrog.** Large flowers of a brilliant scarlet, with a silver spot on each of the petals. Pkt., 5c.

—**Flag of Truce.** Large satiny white flowers, three to four inches across; extremely handsome. Pkt., 10c.

—**Lævigatum.** Flowers four inches in diameter, brilliant deep scarlet with black spots, surrounded by a white margin, at the base of each petal. Pkt., 10c.

—**Mikado.** The petals are cut and fringed; the color, pure white at the back, while the fringed edges are of a brilliant crimson scarlet. Pkt., 10c.

—**Shirley.** The satiny texture and wonderful colors of this variety are admired by all. Pkt., 10c.

—**Umbrosium.** Scarlet marked with a black spot on each petal. Pkt., 10c.

—**“Sunset Mixture.”** Unsurpassed for magnificence of colors. Pkt., 5c.

Great White California Poppy.

Romneya Coulteri. This fine perennial is of supreme and stately beauty, flowering from July until November. The flowers are pure white, with a fine bunch of yellow stamens. Pkt., 10c.



SCABIOSA, DOUBLE YELLOW.

Scabiosa (*Mourning Bride*). Produces an abundance of very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc.

—**Dwarf**. Mixed. Pkt., 5c.

—**Double Yellow**. A new color secured after many years' careful selection. The plants are dwarf and bushy, and bear in great profusion compact double flowers of a fine golden yellow. Pkt., 10c.

Schizanthus. All colors mixed. Pkt., 5c.

Sedum cœruleum. Pkt., 5c.

Silene (*Catchfly*). Produces brilliant flowers in great profusion all summer. Pkt., 5c.

Smilax. A graceful climber with bright glossy-green foliage. Pkt., 5c.

Sweet William. Double mixed. Pkt., 5c.

—Single mixed. Pkt., 5c.

Thunbergia. Very ornamental trailing or climbing plants; mixed colors. Pkt., 5c.

Verbena — **Mammoth-flowered**. When well grown, the single flowers of this splendid strain are large enough to cover a twenty-five cent piece. Best colors mixed. Pkt., 15c.

—**Common Mixed**. Pkt., 5c.

Vinca (*Madagascar Periwinkle*). Splendid house and bedding plants, eighteen inches high, with glossy green leaves and circular flower. Pkt., 5c.

—**Rosea**. Fine rose color. Pkt., 5c.

—**Rosea alba**. White, rosy eye. Pkt., 5c.

—**Alba pura**. Clear, pure white. Pkt., 5c.

Violet. Saved from our own magnificent collection; shades of blues, mixed. Pkt., 5c.

—**White**. Pkt., 10c.

Virginian Stock. Mixed. Pkt., 5c.

Wallflower. Finest double mixed. Pkt., 10c.

—Single mixed. Pkt., 5c.

Stocks, Ten-Weeks.

Large Flowering Double Dwarf.

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

Stocks, German Ten-Weeks. A well-known and much admired plant; possessed of great beauty and variety of color.

—**Dwarf Large-Flowering**. In separate colors: white, canary-yellow, blood-red, rose. Each, 10c.

—**Giant Perfection**. Mixed colors. Pkt., 10c.

—**Wallflower-leaved**. Mixed colors. Pkt., 10c.

—**Princess Alice or Snow White**. The finest perpetual-blooming stock. The individual flowers are very large, perfectly double, and of the purest white; very fragrant. Pkt., 10c.

Zinnias. The flowers are large, beautifully formed and exceedingly handsome. Few plants in the flower border are more effective, and scarcely any flower, when cut, is more suitable for table bouquets.

—**In Separate Colors**. Crimson, purple, rose, scarlet, white, yellow. Each, per pkt., 5c.

—**Giant Mammoth Mixed**. A strain of superb grandeur, many of the blooms approaching in size that of a dahlia; flowers always double and embracing a wide range of brilliant and beautiful colors. Pkt., 5c.



ZINNIA, GIANT MAMMOTH.

Mixed Flower Seeds, for Wild Gardens.

A splendid mixture of beautiful free-blooming, easily-grown, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely-arranged flower beds, will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties, and the old garden favorites, flower successively throughout the season. Price, per package, 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.



Bulbs and Tubers for Spring Planting.

Gladioli.

These are the most easily grown and showy of all flowering bulbs, and are most effective when planted in clumps or beds. They should be planted from March to June in any good garden soil from four to five inches deep, and during the season will give a profusion of spikes of gorgeous flowers.

Twelve Gladioli of any one variety will be sent at price of Ten.



GROUP OF GLADIOLI.

- Addison.** Dark amaranth, with white stripes. Each, 10c.
- African.** Slaty-brown on scarlet ground, streaked scarlet and pure white; white blotch. Each, 15c.
- Amalthee.** Pure white, with large violet-red blotch; ground of the corolla velvety-violet, the lower petals slightly tinted with lilac. Each, 15c.
- Angele.** White; showy and effective. Each, 10c.
- Atonius.** Scarlet-cherry, slightly tinged with orange, flamed carmine; pure white blotch. Each, 10c.
- Brenchleyensis.** Bright vermilion scarlet. Each, 5c.
- Ceres.** White, spotted rose. Each, 10c.
- Chrysolora.** Golden-yellow, pure and distinct. The finest yellow variety. Each, 30c.
- Cleopatra.** Flowers medium size, dark salmon, the lower petals profusely blotched purplish-red, surrounded with straw color. Each, 10c.
- Dictateur.** Long, compact spike of large flowers; white in the center, the sepals are conspicuously flushed with carmine-red, on a pale lilac ground. Each, 50c.
- Emma Thursby.** White ground; carmine stripes through petals, blotch on the lower division. Each, 15c.
- Enfant de Nancy.** Flowers medium size, purplish-red; lower petals dark crimson; peculiarly blotched. Each, 15c.
- Engesseri.** Very deep pink; lower petals blotched bright maroon. Each, 15c.
- Eugene Scribe.** Tender rose; variegated. Each, 10c.
- Frœbeli.** Flesh colored, streaked with pink; carmine blotch, bordered with yellow. Each, 15c.
- Gen. Phil. Sheridan.** Fire-red, white line running through each petal, and a large, pure white blotch on the lower division. Each, 20c.
- Gen. Sherman.** Large, fine scarlet. Each, 15c.
- Hermione.** White ground, well covered with delicate lilac and carmine stripes; large white blotch, slightly streaked violet. Each, 25c.
- Incendiary.** Vermilion, rose-colored throat; two lower petals scarlet-purple. Each, 15c.
- Isaac Buchanan.** Yellow. Each, 10c.
- John Bull.** White, tinged with sulphur. Each, 10c.
- La Candeur.** White, slightly striped with violet. Each, 15c.
- Lafayette.** Flowers very large, yellowish-salmon; crimson blotches on lower petals. Each, 15c.
- Lamarck.** Cherry. Each, 10c.
- Lemoinei.** Upper petals of a creamy white color, tinted salmon-red, the lower one spotted with deep purplish-crimson, bordered with bright yellow and salmon-red. Each, 10c.
- Le Poussin.** Light red, white blotch. Each, 10c.
- Lord Byron.** Brilliant scarlet, blotched pure white. Each, 10c.
- Marie Dumortier.** White, violet blotch. Each, 10c.
- Marie Lemoine.** Long spike of fine, well-expanded flowers; upper division of a pale creamy color, flushed salmon-lilac; lower division spotted purplish-violet, bordered with deep yellow. Each, 10c.
- Martha Washington.** Light yellow, lower petals tinged with rose. Each, 15c.
- Mme. Monneret.** Delicate rose. Each, 10c.
- Napoleon III.** Scarlet, striped white. Each, 10c.
- Obelisk.** Flowers large, violet; lower petals blotched brown, spotted with sulphur. Each, 15c.
- Princess of Wales.** White, flamed carmine rose. Each, 10c.
- Shakespeare.** White, suffused carmine rose; large rosy blotch. Each, 15c.
- Snow-white.** Pure white. Each, 25c.
- Stella.** White, slightly tinged with yellow and rose. Each, 10c.
- Sunshine.** Lovely pink, blotched and flamed with darker pink. Each, 20c.
- Talma.** Pale lilac, lower division violet-brown. Each, 10c.
- W. E. Gumbleton.** Flowers very large and open purplish rose, streaked with rich carmine; spots velvet surrounded with yellow; plant unusually beautiful. Each, 15c.
- All Colors Mixed.** Per 100, \$2.00; doz., 40c; each, 5c.



Lilies.

If ordered by mail, please add fifteen cents per dozen for postage. Twelve lilies of any one variety will be sent at price of ten.

	Each.
Auratum (<i>Golden-banded Lily of Japan</i>). Pure white studded with rich chocolate crimson spots, and a bright golden band through the center of each petal	\$0 20
Auratum Pictum . Similar in form to the <i>Auratum</i> , but tipped with crimson at ends of the yellow rays	50
Auratum Virginale Album . White, yellow band in center of each petal, and studded with whitish spots, very large	50
Batemanniæ . Flowers of a bright apricot color	25
Brownii . Large flowers, white inside, purple outside, distinct and striking	75
Colchicum . Citron yellow, spotted black	75
Coridion . Clear yellow, star-shaped flowers, exceedingly showy	20
Elegans Alice Wilson . A new variety, with upright yellow flowers	75
Elegans Atrosanguineum . Rich blood crimson	50
Elegans Flore Semaplena . Magnificent flower, bright crimson, striped with pink; semi-double	75
Excelsum . Nankeen yellow, very tall grower	35
Hansoni . Flowers outside bright yellow marked with white, inside spotted with purple	75
Harrisii (<i>Bermuda Easter Lily</i>). Resembles <i>L. longiflorum</i>	10
Kramerii . Large, rose-colored flowers, fragrant	25
Leichtlinii . Flowers bright yellow, spotted with purple	40
Longiflorum . Pure white, trumpet-shaped flowers	10
Medeoloides . Vermilion, with purple spots	40
Speciosum Album . Pure white, handsome flowers	25
Speciosum Melpomene . Rich blood crimson, heavily spotted, very large	20
Speciosum Rubrum . Darker than the preceding	20
Tigrinum (<i>Tiger Lily</i>). Orange red, spotted with black	10

Miscellaneous Bulbs.



Amaryllis Belladonna. Dark rose and white. Each, 25c.

—**Formosissima**. Rich crimson. Each, 20c.

—**Johnsonii**. Crimson, striped with white. Each, 75c.

—**Longiflora alba**. Fine white. Each, 40c.

—**Purpurea** (*Vallota*). Each, 30c.

Anemone fulgens (*Scarlet Wind Flower*). Dazzling scarlet. Doz., 50c.

Anemone, Double Mixed. 100, \$2.00; doz., 30c.

—**Single Mixed**. 100, \$2.00; doz., 30c.

Begonia, Tuberos Rooted. Magnificent flowering bulbs of marvelous beauty, and as pot plants have no equal.

—**Single**. Mixed colors. 15c each; \$1.50 doz.

—**Double**. Mixed colors. 30c each; \$3.00 doz.

Bleeding Heart (*Diclytra*). Flowers borne on curved stalks; are delicate rose and white with purple lips. Each, 20c; doz., \$2.00.

Caladium esculentum (*Elephant's Ears*). A very effective plant, and suitable for either a single plant on the lawn, masses in beds, or for margins of water. 20c each; \$2.00 per doz.

Calla Spotted (*Richardia alba maculata*). Foliage variegated with white; very handsome. Each, 10c; doz., \$2.00.

Cinnamon Vine. (*Dioscorea batatas*.) The so-called Cinnamon Vine, from the odor of cinnamon emitted by the flowers; fine for trellis work. 5c each; 50c per doz.

Dahlia, Double. Assorted colors. 15c each; \$1.50 per doz.

Giant Torch Lily. (*Doryanthes Excelsa*). The Giant Torch Lily of Australia. A magnificent plant, with long *Dracæna*-like foliage. It throws up a lofty spike of bright, scarlet flowers, like an immense fiery torch, the stem of which is often 12 to 15 feet high—a beautiful and distinct plant for the garden. It has the general habit of an *Amaryllis* in foliage and growth, but is, of course, gigantic in proportions. Few are found in cultivation, and those who have room for it can procure nothing more rare and novel. In the Southern States and in California, it is hardy and can be grown in the open ground. Strong bulbs, 75c each.



Gloxinia. Beautiful plants, bearing large bell-shaped flowers of the most striking, rich colors. 30c each.

Hyacinthus Candicans (*Summer Hyacinth*). A free-growing plant with tall spikes bearing pretty white bell-shaped flowers. 10c each.

Iris Germanica (*German Iris*). Finest mixed varieties. 10c each.



IRIS.

Iris Kämpferi (*Japan Iris*). Surpasses all others in size of flower and richness of color. Superb mixed varieties. 20c each.

Madeira Vine (*Climbing Mignonette*). Bears very beautiful, fragrant white flowers; a desirable summer climber. 10c each.

Nymphaea odorata gigantea (*Water Lily*). Flowers pure white, with a golden center three times as large as the common pond lily. The flowers possess a distinct and charming fragrance. It is perfectly hardy, and a grand plant for tubs, pools, streams or ponds. 20c each; \$2.00 per doz.

Pæonies. Well-known showy border plants of many brilliant colors, some of the varieties being deliciously fragrant. 25c each; \$2.50 per doz.

—**Arborea.** Japanese Tree or Moutan Pæonies, grand plants of striking beauty. \$1.00 each.

Ranunculus, Double. These are bright-colored summer-blooming plants, with flowers of good size, perfectly double, and as beautifully imbricated as a rose.

—**Double Persian Mixed.** 5c each; 30c per doz.

—**Double French Mixed.** 5c each, 30c per doz.

—**Double Turban Mixed.** 5c each; 30c per doz.

Tigridia (*Mexican Shell Flower*). Charming summer-blooming bulb, producing very attractive flowers throughout the whole summer.

—**Conchiflora.** Flowers dark yellow. 5c each; 50c per doz.

—**Grandiflora alba.** White. 10c each; 75c per doz.

—**Pavonia.** Golden orange-crimson. 5c each; 50c per doz.

Tritoma Uvaria Grandiflora (*Red-hot Poker Plant*). Striking and attractive plant, throwing up stalks three to five feet high, bearing large, solid spikes of brilliant orange-scarlet colored flowers of great size and brilliancy. 25c each; \$2.50 per doz.

Tuberoses. The Tuberose is a universal favorite, and largely grown on account of its delightful fragrance. The double flowers are of a beautiful pure waxy white color, and grow on tall stems, each producing a dozen or more blossoms. Excelsior Pearl is the most dwarfed and compact variety, and the most suitable for growing in pots.

—**Excelsior Pearl.** Very large, choice and well-ripened bulbs. 50c per doz.; \$3.00 per 100.

—**Variiegated Leaved.** Foliage broadly striped with white and rosy-yellow, making it a pretty plant even when not in flower. The flowers are single, pure white and very fragrant. 10c each; \$1.00 per doz.

Palm Seeds

As fresh seeds of these arrive from collectors at irregular intervals throughout the year, we consider it better to issue a special list, which will be furnished on application, and give prices of such varieties as we can supply at the time. This will be more satisfactory than publishing a general list containing varieties, fresh seeds of which could not be obtained for some months.

Planting a Garden

without the aid of the **PLANET JR.** tools, is like cutting an acre of grass with a sickle. With them you can almost do three days' work in one. They do nearly everything but think. The new Hill Dropping Seed Drill is an example of the perfect ingenuity of the **PLANET JR.** tools. Opens the furrow, drops the seed—in hills or drills—covers and marks the next row. Our special "Planet Jr." catalogue, fully illustrating and describing the various machines, will be mailed free on application.

"CALIFORNIA FRUITS," by Professor Wickson, \$3.00 by mail, postpaid.



ORNAMENTAL NURSERY DEPARTMENT

Sunset Seed and Plant Company

INTRODUCTORY

AS those who have visited our beautiful and extensive nurseries at Menlo Park can testify, our facilities for the growing of all kinds of ornamental and nursery stock are most complete. In our nursery and lath houses are to be seen a fine lot of evergreens, deciduous trees, shrubs, and roses. Our greenhouses are the most extensive on the Pacific Coast. Our collection of palms is large and varied; our roses, carnations, chrysanthemums, cannas, Lady Washington geraniums, and violets are the best of their class; and we are continually adding to our collection such new plants and flowers as we deem worthy of continued culture.

We would ask intending purchasers, and those interested in horticulture generally, to read carefully the list submitted in the following pages. We have discarded all varieties that we consider valueless, and have included only such trees and plants as we know will grow satisfactorily in this State.

We have, when possible, used the "everyday" names of plants and trees, thus making it more comprehensible to the laity, whom botanical names of plants confuse. Most of our illustrations are from photographs taken of specimens growing on our own grounds.

In ordering please state whether substitution will be permitted, as, when no instructions accompany the order, we feel at liberty to substitute similar sorts. Customers will please remember that we receive hundreds of orders daily, during our busy season, so that it may sometimes be several days before their order can have attention. We assure our patrons, however, of the promptest possible service. We make this note as many become annoyed at delay unaccounted for.



A TYPICAL CALIFORNIA HOME.

Articles mentioned in our price list will be furnished at prices named only when the number specified be taken, except that 5 will be furnished at 10 rates and 50 at 100 rates.

We will charge for packing sufficient to cover actual cost of same.

While we aim to have all our fruit trees true to name, and hold ourselves ready on proper proof to replace, free of charge, all stock that may prove untrue to label, or to refund amount originally paid by the customer, it is mutually understood and agreed between the purchaser and ourselves that our guarantee of genuineness shall not make us liable for any sum greater than that originally paid us for such stock as may prove untrue.



Evergreen Trees and Shrubs.

- Abelia rupestris** (rock). Dense evergreen shrub, growing to perfection on poor sandy soil; flower buds and outside of blossoms show a pale rose color, while the inside of the tube-like flowers is white, exhaling a delicious fragrance. Native of China. Price, 5-inch pots, 2 to 3 feet, 40c each.
- ABIES** (Spruce). This class of coniferous or cone-bearing trees, as well as *Picea*, to which they are closely allied, is very much overlooked. They are elegant, symmetrical, upright-growing trees. As single specimens they are among the most admired, and for forest plantings they are unequalled; they are of fairly rapid growth, and the timber is highly valuable.
- Abies concolor** (one-colored). Leaves sea-green, more uniform in color than most spruce; branchlets not so thickly covered with leaves as in some species, having but a single row, curled up on either side. Slow growth; eventually large; a noble tree, rare and very choice. Native of California. Price, 1 to 1½ feet, 75c each.
- A. firma** (solid). Japanese Silver Fir. Leaves rigid, leathery, spirally arranged around the branchlets. An erect tree of great beauty. Native of Japan. Price, 1 to 1½ feet, 75c each.
- A. Nordmannia**. Nordmann's Silver Fir. Leaves dark green above, silvery underneath; slow growth, but as it attains age grows more rapidly; branches horizontal; of majestic appearance; unsurpassed for grandeur. Native of Crimea, etc. Price, boxed, 2 feet, \$2.50.
- A. Pinsapo** (Pinsapo). The Spanish Silver Fir. Leaves dark rich green, very numerous and dense; branches horizontal; *araucaria-like* in appearance. A very magnificent species; very regular and symmetrical in habit. Native of Southern Spain. Price, 4-inch pots, 1 to 1½ feet, 75c each; \$6.00 per 10; boxed, 2 to 3 feet, \$3.00 each.
- ACACIA**. The beauty of these lovely Australasian trees cannot be too highly extolled. To a great many of us they are a familiar sight, yet how many do not know this class of trees; otherwise they would not be without at least one or two specimens in their collection. Their glorious masses of (mostly) yellow flowers, present in early spring a beautiful and incomparable flood of color. As avenue trees they are unsurpassed; picture an avenue, say, half a mile long, all in full bloom. Acacias are of rapid and symmetrical growth, and nearly all are hardy in California, except in the higher and colder districts. Below we give some of the best varieties with their habitat.
- Acacia albicans** (whitish). Flowers white; oblong-linear leaflets. A most distinct and good variety. Swan River. Price, 3-inch pots, 12 to 18 inches, 25c each; \$2.00 per 10.
- A. arabica** (Arabian). Flowers white; feathery foliage. From this variety is obtained the Gum Arabic of commerce. Price, 25c each.
- A. armata** (armed). Flowers yellow, appearing in single round heads; leaves oval; branches armed with thorns. New Holland. Price, 3-inch pots, 1½ to 2 feet, 25c each; \$2.00 per 10.
- A. cultriformis** (knife-shaped). Flowers yellow; very free bloomer; leaves peculiarly shaped, growing close to stem, and ending in a sharp hooked point; color sea-green; a most distinct and good sort; New South Wales. Price, 3-inch pots, 9 to 12 inches, 25c each.
- A. dealbata** (whitened). Silver Wattle. Flowers lemon-yellow; very free bloomer; foliage feathery, deep green on top, whitish underneath. This is one of the best varieties; very rich in tannin. Tasmania. Price, 3-inch pots, 1 to 1¼ feet, 15c each; 5-inch pots, 2 to 3 feet, 40c each.
- A. decurrens** (decurent). Black Wattle. Flowers yellow; foliage feathery; of rapid but medium-sized growth; very rich in tannin; wood is valuable for turners' and coopers' work. New South Wales. Price, 5-inch pots, 1½ to 2 feet, 35c each.



ARAUCARIA IMBRICATA.



Acacia latifolia (broad-leaved). Flowers yellow; leaves broad; succeeds admirably near the sea coast. South Africa. Price, 7-inch pots, 5 to 6 feet, 50c each.

A. longifolia (long-leaved). Flowers bright yellow; leaves long, dark green, narrowed at each end; of upright growth. New South Wales. Price, 3-inch pots, 1 to 2 feet, 20c each; \$1.50 per 10.

A. longissima elegans (longest-leaved). Flowers bright yellow, produced in great quantities on long, pendulous stems; leaves very long and slender. A very choice and scarce variety; considered the most elegant of the genus. New South Wales. Price, 5-inch pots, 1½ to 2½ feet, 25c each; \$2.00 per 10; \$18 per 100.

A. lophantha (crest-flowered) (*Albizzia lophantha*). Cape or Crested Wattle. Flowers white; foliage feathery, beautiful. Succeeds in the most desolate places. New Holland. Price, 5-inch pots, 3 to 4 feet, 35c each; 6-inch pots, 4 to 5 feet, 50c each.

A. melanoxyton (black-wooded). Black Acacia. Flowers yellow; leaves lance-shaped. This variety is much used for street planting; the timber is very valuable for all cabinet makers' work; smells very strongly of the violet. New South Wales. Price, 3-inch pots, 1 to 1½ feet, 20c each; 5-inch pots, 2 to 3 feet, 35c each; 6-inch pots, 3 to 4 feet, 50c each.

A. mollissima (softest-leaved). Flowers canary-yellow, many clusters, distributed along stems; foliage feathery. A great favorite in California. Van Dieman's Land. Price, 3-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10; 5-inch pots, 2 to 3 feet, 40c each; \$3.50 per 10.

A. ornithophora (bird-bearing). Kangaroo Acacia. Flowers yellow; leaves oblong, ending in a hooked sharp point; a peculiarly odd-looking sort. New Holland. Price, 3-inch pots, 1½ to 2 feet, 25c each.

A. pinifolia. Flowers yellow; leaves long, roundish; of graceful, slender habit. Very rare and choice. Price, 3-inch pots, 1½ to 2 feet, 35c each.

A. pycnantha. Golden Wattle. Flowers brilliant yellow, coming in long, pendulous clusters; leaves long and drooping; tree of rapid growth, doing especially well near the sea coast; contains a large quantity of tannin. Price, 3-inch pots, 9 to 12 inches, 30c each.

A. suaveolens (sweet-scented). Flowers yellow; leaves narrow. New South Wales. Price, 3-inch pots, 1 to 1½ feet, 25c each.

Aralia papyrifera. Synonym *Fatsia papyrifera*. Leaves five or seven lobed, of a soft texture, clothed (as are also the stems) with a downy substance; a noble-looking plant, giving a tropical appearance to a place. The ricepaper of the Chinese is made from the pith of this plant. Native of the swamps of Formosa. Price, 5-inch pots, 1 to 1½ feet, 50c each.

ARAUCARIA. The inhabitants of Chili call this noble ornament of their forests *auracanos*, whence the name. There are only a few varieties, but they are, one and all, the grandest evergreen trees known to the botanical world; they are all of lofty growth, and make grand specimens for the lawn:

Araucaria Bidwillii. Bunya-Bunya Pine. Morton Bay Pine. Of most symmetrical growth; color of the branchlets shining deep green. This variety we can recommend for the beautifying and adorning of lawns. Native of Morton Bay. Price, 5-inch pots, 1½ feet, \$1.50 each; 6-inch pots, 1½ to 2 feet, \$2.00 each.

A. brasiliensis (Brazilian). Resembles *A. imbricata* somewhat; the needles are not, however, so closely imbricated nor of such a dark green color. The tree is of a more straggly growth; color of the foliage light green on top, and sea-green underneath. Native of Brazil. Price, 4-inch pots, 1 foot, \$1.00 each; \$8.00 per 10; 5-inch pots, 1 to 1½ feet, \$1.50 each; \$12 per 10; boxed, 3 to 4 feet, \$4.00 each; boxed, 6 to 7 feet, \$15 each.

A. Cunninghamii. Resembles the *A. excelsa*; the needles are, however, longer and sharper, and the color of the foliage not such a fresh-looking green. Native of Morton Bay. Price, 7-inch pots, 1 to 1½ feet, \$2.00 each.

A. excelsa (lofty). Norfolk Island Pine. Perhaps the best known of the *araucarias*, being much used for decoration. It is a most symmetrical growing tree, with very delicate bright-green fringed branches. Hardy in protected localities in California. Native of Norfolk Island. Price, 4-inch pots, 1 foot, \$1.25 each; 5-inch pots, 1 to 1½ feet, \$1.75 each; 5-inch pots, \$2.25 each.



AZARA MICROPHYLLA.



CRATÆGUS PYRACANTHA.

- Araucaria imbricata** (imbricated). The Monkey Puzzle. Beautiful, regular pyramidal form; branches in whorls, spreading horizontally; leaflets stiff, sharply pointed and of a very dark green color. A most noble tree. Native of Chili. Price, 4-inch pots, 6 to 9 inches, 75c each; \$6.00 per 10; boxed, 2 feet, \$3.00 each; 2½ feet, \$4.00 each.
- ARBOR-VITÆ.** The varieties we catalogue of this class are mostly of slow, dwarf habit, and are especially adapted for small places, where trees of larger growth would be out of place. They are all highly ornamental.
- Arbor-Vitæ Chinese.** A small tree with erect branches and dense flat, light green foliage; becomes brown in winter. Price, balled, 6 feet, 40c each; \$3.50 per 10.
- A. V. Chinese, golden variegated.** Similar in growth and habit to the preceding variety, but highly variegated with pale yellow and silvery-white. Price, boxed, 4 to 5 feet, \$4.00 each.
- A. V. Ever-Golden.** Similar to the *golden*, but of slower growth and greater variegation, which it retains the year round. Price, boxed, 3 to 4 feet, \$2.00 each.
- A. V. filiformis** (thread-like). Beautiful thread-like foliage, of a rich dark green color; dense, compact, round growth. One of the prettiest of the arbor-vitæ. Price, boxed, 1½ to 2 feet, \$1.50 each; boxed, 3 to 4 feet, \$2.50 each.
- A. V. filiformis pendula** (weeping). A weeping variety of the preceding; with long, slender, drooping branches, of a light yellowish green color. Price, boxed, 3 to 4 feet, \$2.50 each.
- A. V. George Peabody.** Foliage rich golden; dwarf, compact habit. Price, boxed, 1½ to 2 feet, \$1.50 each.
- A. V. Golden.** A very neat dwarf, conical bush; assuming in winter and spring a yellow-golden color. Price, boxed, 3 to 4 feet, \$2.00 each.
- A. V. Gigantea or Lobbi.** Branchlets shining green on upper side, sea-green underneath, slender, flexible, and very numerous. A very fast-growing California arbor-vitæ, attaining great size. Price, balled, 1 to 2 feet, 25c each; \$2.00 per 10; balled, 3 to 4 feet, 35c each; \$3.00 per 10; balled, 5 to 6 feet, 50c each; \$4.50 per 10.
- A. V. Lobbi semper aurea.** For description see Novelty List. Price, 4-inch pots, 9 to 12 inches, 25c each.
- A. V. Rollinson's golden.** Foliage prettily tipped with deep yellow, which variegation it retains throughout the year. Of beautiful pyramidal habit. Price, boxed, 2 to 3 feet, 75c each; boxed, 3 to 4 feet, \$3.00 each.
- A. V. Siberian.** Foliage green; growth compact and pyramidal. Price, boxed, 1½ to 2½ feet, \$1.50 each.
- Arbutus unedo.** Strawberry Tree. Foliage dark green, serrated; peculiarly beautiful in September and October, when the tree is covered at once with blossoms and ripe fruit which is edible. Native of the South of Europe. Price, balled, 2 to 3 feet, \$1.25 each; \$10 per 10.
- Aucuba japonica** (Japanese). Gold Dust Tree. Large, glossy leaves, magnificently spotted with golden yellow; produces bunches of large red berries, which appear about Christmas and greatly add to its beauty. We recommend it for planting in cities, as it will thrive there to perfection. Price, 6-inch pots, 2 to 2½ feet, 50c each; \$4.00 per 10; 7-inch pots, 2 to 3 feet, 75c each; \$6.00 per 10.
- A. viridis latifolia** (green, broad-leaved). Similar to the preceding, except that the leaves are not spotted with gold. Very ornamental. Price, 6-inch pots, 2 to 2¼ feet, 50c each; \$4.00 per 10; 7-inch pots, 2 to 3 feet, 75c each; \$6.00 per 10.
- Azaleas.** Those who desire a continuation of bloom, from October to May, cannot do better than plant a collection of these beautiful shrubs. They succeed admirably either grown in pots for the house, or planted in the open ground; in the warmer sections (if planted out) they should have a shady part, but in the bay or sea-board counties they do not require shade so much. We offer European varieties which for brilliancy and variation of colors are simply marvelous. Price, 6-inch pots, 1 foot, \$1.00 each; 6-inch pots, 1½ feet, \$1.50 each.



Azara microphylla (small-leaved). Flowers greenish, succeeded by numerous small orange-colored berries; leaves small, dark shining green. Makes a lovely lawn specimen. Native of Chiloe and Valdavia. Price, boxed, 4 to 5 feet, \$2.00 each.

Berberis aquifolium (*Mahonia aquifolia*). Flowers yellow, succeeded by bluish berries; leaves large, purplish, shining and prickly. Native of N. America. Price, balled, 1 to 2 feet, 60c each.

B. Darwinii. Flowers orange yellow, abundantly produced and very fragrant; foliage small, thick and leathery. This is, perhaps, the best of all the berberies. Price, 7-inch pots, 1½ to 2 feet, 75c each.

B. japonica (Japanese) (*Mahonia*). Foliage olive-green, stiff and glossy; of slow growth; highly ornamental. Price, 5-inch pots, 1 to 1½ feet, 50c each.

B. stenophylla (naked-leaved). Flowers deep yellow, borne profusely; branches adorned with sharp spines; a rare and choice variety. Price, balled, 2 to 3 feet, 75c each.

Box, dwarf (*Buxus suffruticosa*). Small, glossy, roundish leaves; the variety so generally used for borders. Price, in boxes, 6 inch, 75c per dozen; \$5.00 per 100.

Box, Tree (*B. sempervirens*). A handsome lawn shrub with small, deep green foliage; also very suitable for making hedges. The wood is and has been variously used, for making pegs for musical instruments, etc., it being very hard. Price, balled, 2 to 3 feet, 50c each; \$4.00 per 10; boxed, 3 to 4 feet, \$3.00 each.

Buddleia globosa. Flowers yellow, globe-shaped; leaves narrow, sage-brown in color. A handsome free-flowering shrub. Native of Chili. Price, 5-inch pots, 1 to 2 feet, 35c each; \$3.00 per 10; 6-inch pots, 2 to 3 feet, 50c each.

Blue Gum. See Eucalyptus.

Broom. See Genista.

California Bay Tree (*Oreodaphne californica*). Californian Sassafras. Leaves narrow and mediumly long, of a most refreshing green color, which, when bruised, emit a strong odor of camphor. The well-known native tree of our State. Price, balled, 2 to 3 feet, 50c each.

California Big Tree (*Sequoia gigantea*). An imposing feature for lawn or avenue planting. The famous "Big Tree" of our State. Price, 6-inch pots, 1½ feet, 75c each; boxed, 6 feet, \$4.00 each.

California Red Berry (*Photinia arbutifolia*). Toyon Tree. Flowers white, small; leaves oblong, sharp at ends, margins saw-toothed, dark green on top, lighter underneath; it ripens its berries about Christmas, and is much used for decoration. Native of California. Price, balled, 2 to 4 feet, 50c each; \$4.00 per 10; 4 to 6 feet, 75c each.

Callistemon rigidum (rigid). Flowers white, rising from the old branches in crowded spikes. Trim and clean grower. Highly ornamental. Price, 4-inch pots, 1½ feet, 25c each; \$2.00 per 10; balled, 4 to 5 feet, 50c each.

Camellia japonica. Very beautiful winter-flowering evergreens. Their handsome, shining, dark green foliage, and magnificent wax-like flowers of various colors render them indispensable for the conservatory, and well adapted for parlor or window culture. Perfectly hardy, but to thrive in the open air they need a little extra care and should be shaded the first year after planting. Price, European varieties, 6-inch pots, 1 to 2 feet, \$1.00 to \$1.50 each. Japanese varieties, 6-inch pots, 2 to 3 feet, 75c each.

Camphor Tree (*Camphora officinalis*). Bright, shining green foliage. The young growth appears in a most beautiful shade of tawny-red. From this tree camphor is obtained by distillation. Native of Japan. Price, 4-inch pots, 1½ feet, 35c each; \$3.00 per 10; 5-inch pots, 2 feet, 50c each; 7-inch pots, 4 to 5 feet, \$1.00 each.



LAWSON CYPRESS.

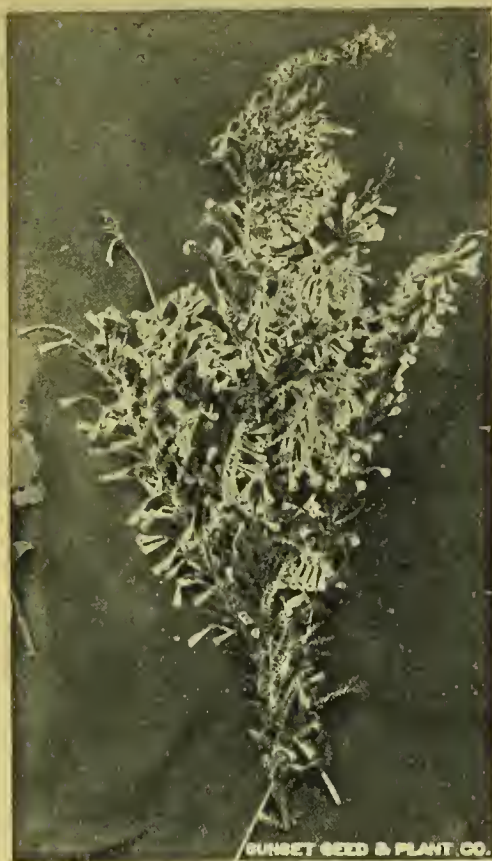


- Cassia arborescens** (tree-like). Flowers yellow, produced freely, and for a long period. A very desirable shrub. Native of the East Indies. Price, 6-inch pots, 4 to 5 feet, 50c each; \$4.00 per 10.
- CASUARINA.** The name is supposed to be derived from the resemblance of the long, weeping, leafless branches to the feathers of the Casowary, which is a native of the same country as the majority of the *Casuarinas*. These species are particularly adapted for planting on the sea-shore and alkaline soils. The first species introduced by the first Lord Byron.
- Casuarina equisetifolia** (equisetum-leaved).—Looks like a gigantic specimen of horse-tail grass; wood very hard, of reddish color, and often called "Beef Wood" in its native country. It is marked with dark stripes; much used for cabinet work and picture frames. Native of Tasmania. Price, 6-inch pots, 4 to 5 feet, 50c each.
- C. glauca** (sea-green). Foliage sea-green. Price, 4-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10; \$18 per 100.
- C. stricta.** Synonym *quadrivalvis*. Another variety, resembling *equisetifolia*, except that the leaflets are more boldly defined and of more upright growth. Price, boxed, 4 to 6 feet, \$1.50 each.
- C. tenuissimus** (very slender). Price, 4-inch pots, 1½ to 2 feet, 25c each; \$2.00 per 10; \$18 per 100.
- Ceanothus azureus** (azure-blue). California Lilac. Flowers pale blue, appearing in April and May; leaves medium, saw-toothed, smooth above, downy underneath. Of easy culture and very showy. Native of Mexico. Price, 5 inch pots, 1 to 1½ feet, 50c each.
- Cedar, Deodor or Indian.** The needles of this variety are larger than the *Lebanon*, and of a bluish color, covered with a light sea-green bloom. Leading shoot and branchlets pendulous. One of the most beautiful of lawn trees. Native of the Western Himalayas. Price, balled, 3 to 4 feet, \$2.50 each; boxed, 4 to 5 feet, \$4.00 each; 5 to 6 feet, \$5.00 each.
- Cedar of Lebanon.** The needles are tufted, short, rigid; very dark green; branches horizontal and stiff. A grand, noble, picturesque tree, which has well been called "The Patriarch of the Tribe." Native of Lebanon and Taurus in Syria. Price, boxed, 3 feet, \$3.00 each.
- Cedar, Mount Atlas** (Atlantica). Resembles very much the *Lebanon*, but differs mainly in the foliage, which is shorter and of a sea-green or silvery hue. It is also of more erect, pyramidal form than it. Native of Atlas Mountains of Algeria. Price, boxed, 2 to 2½ feet, \$2.50 each; 4 to 5 feet, \$4.00 each.
- Choisya ternata** (ternate). Mexican Orange Flower. A shrub with pure white, deliciously fragrant flowers, appearing in early spring; leaves dark and glossy. Native of Mexico. Price, 7-inch pots, 3 to 4 feet, \$1.50 each.
- Cinnamomum Cerissimum.** The tree from which the cinnamon of commerce is obtained. Highly ornamental. Price, 6-inch pots, 1½ to 2 feet, 50c each.
- Colletia ferox** (fierce). Extremely curious plants; leafless; spines strong, awl-shaped. Native of Chili and Peru. Price, 4-inch pots, 9 to 12 inches, 50c each.
- Coprosma Bauerina variegata.** A strikingly beautiful and rare evergreen shrub of graceful habit; the shining foliage and stems handsomely variegated yellow. Elegant for decorations, as the branches keep well for several days. Price, 4-inch pots, 9 to 12 inches, 50c each.
- Coronilla glauca** (sea-green). Flowers yellow, abundantly produced, and for a long period; foliage small, sea-green in color. A small growing shrub. Native of S. Europe. Price, 3-inch pots, 9 to 12 inches, 25c each.
- C. glauca variegata.** Resembles the preceding; leaves edged with yellow. Price, 3-inch pot, 9 to 12 inches, 25c each; \$2.00 per 10.
- Crataegus Pyracantha.** Evergreen Thorn. Burning Bush. Flowers white; foliage small and glossy. During the late fall and winter months the bush is covered with bunches of orange-colored berries. Very desirable. Native of Southern Europe. Price, balled, 2 to 3 feet, 50c each.
- Cryptomeria elegans** (elegant). Chinese Cedar. Autumnal color of foliage bronzy-crimson; of upright growth. This handsome tree is eminently suited for lawn purposes. Native of China and Japan. Price, boxed, 4 feet, \$4.00 each.
- C. japonica** (Japanese). Japanese Cedar. A handsome, rapid-growing tree, with an elongated pyramidal outline. Native of Japan. Price, balled, 5 to 6 feet, \$1.00 each; 6 to 7 feet, \$1.50 each.
- C. japonica compacta.** For description see Novelty List. Price, 7-inch pots, 1 to 2 feet, \$1.00 each.
- Cypress, funeral** (*Cupressus funebris*). When old assumes a beautiful weeping habit. Native of S. E. China. Price, boxed, 3 to 4 feet, \$1.25 each; 4 to 5 feet, \$1.50 each.
- C. Italian** (*C. stricta*). Tall, tapering, conical; much used for working into designs. Price, balled, 3 to 4 feet, 35c each; \$3.00 per 10; boxed, 5 to 6 feet, \$1.50 each.
- C. Lawson** (*C. Lawsoniana*). Branches drooping; with slender feathery branchlets on which appear the small cones; sea-green foliage. Most ornamental of the genus. The wood is white, fragrant, fine, close grained and free from knots. Native of California. Price, 7-inch pots, 3 to 4 feet, 50c each; \$4.00 per 10; balled, 4 to 5 feet, 75c each; \$6.00 per 10.



ARUNDO DONAX VARIEGATA.

See under head "Dracenas, Bamboos, Etc."



FABIANA IMBRICATA.

- Erica persoluta alba** (white garland-flowered). Heath. Very showy free-flowering shrub, admired by everyone. Price, 5-inch pots, 1 foot, 40c each.
- Escallonia sanguinea** (blood-red). Free flowering shrub, with lovely red flowers; dark, glossy foliage, saw toothed. Native of South America. Price, balled, 4 to 6 feet, 75c each; \$6.00 per 10.
- EUCALYPTI**. These are all natives of Australia, of very rapid growth and much used for planting in swampy land, for the purpose of destroying the malaria arising therefrom. They are also extensively planted for wind breaks, fuel, and for the oil that is extracted from the leaves.
- Eucalyptus amygdalina** (almond-leaved). Messmate Gum. Belonging to this variety are the tallest trees in the world. In Gippsland, Australia, are trees over five hundred feet in height. Makes first-class timber for flooring boards, scantling, etc., and is well suited for avenue planting. Yields more essential oil than any other variety. Price, 3-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10.
- E. citrodora**. (lemon scented). A fine ornamental tree; with lemon-scented foliage; timber also very useful. Price, 3-inch pots, 1½ to 2 feet, 50c each; \$4.00 per 10; \$35 per 100; 3-inch pots, 1 to 1½ feet, 35c each; \$3.00 per 10; \$25 per 100.
- E. cornuta** (horned). Yale Tree. A rapid-growing variety and very hardy. The wood is very durable, heavy, and elastic, and considered equal to ash. Price, 3-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10.
- E. corymbosa** (corymbose). Blood Wood. Wood of a dark red color, easily worked while fresh, but when dry becomes very hard. Useful for fence posts and railroad ties, being durable underground. Price, 3-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10.
- E. corynocalyx**. Sugar Gum. Rapid growing, with dark green leaves. Timber very valuable; used for railroad ties. Very ornamental. Price, 3-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10.
- E. ficifolia**. For description see Novelty List. Price, 3-inch pots, 1 to 1½ feet, 40c each; 5-inch pots, 2 to 3 feet, 75c each.
- E. fissilis**. Victorian Yellow Gum. A large, rapid-growing variety; the wood is easily split; straight grained; used for flooring boards and scantling. Price, 3-inch pots, 9 to 12 inches, 25c each; \$2.00 per 10.

Cypress, Monterey (*C. macrocarpa*). Our well-known native species; extensively planted for hedges and wind brakes. Price, balled, 2 to 3 feet, 25c each; \$2.25 per 10; \$20 per 100; balled, 3 to 4 feet, 35c each; \$3.00 per 10; \$25 per 100.

C. Monterey, Variegated. For description see Novelty List. Price, 8-inch pots, 3 feet, \$1.50.

Cytisus canariensis (Canary Islands). Flowers yellow; coming in many clusters; leaves clover-shaped; branches covered with soft hairs; of dwarf habit. Price, 6-inch pots, 1 to 2 feet, 50c each; \$4.00 per 10.

C. racemosus (racemose). Flowers bright yellow, appearing on the end of a spike about six inches long; leaves clover-shaped. Said to have come from the Peak of Teneriffe. We recommend this and the preceding as most desirable shrubs to plant. Their beautiful showy flowers appearing in early spring. Price, 3-inch pots, 1 foot, 25c each; \$2.00 per 10.

Daphne, white flowering. Flowers deliciously fragrant, appearing in early spring; leaves glossy and green. Native of China. Price, 5-inch pots, 1 foot, \$1.00 each; 6-inch pots, 1 to 1½ feet, \$1.50 each.

D. odorata variegata. A variety with pink flowers and leaves beautifully variegated. Price, 5-inch pots, 1 foot, \$1.00 each; 6-inch pots, 1 to 1½ feet, \$1.50 each.

Daphnophyllum macrocarpum. For description see Novelty List. Price, 7-inch pots, 2 to 3 feet, \$1.50 each.

Diosma ericoides (Heath-like). Breath of Heaven. Flowers small, white; heath-like foliage; both flowers and leaves very sweet smelling. Native of South Africa. Price, 3-inch pots, 9 to 12 inches, 20c each; \$1.50 per 10; 5-inch pots, 1 to 1½ feet, 35c each; \$3.00 per 10.

Elaeagnus elegantissima (most elegant). Oleaster. A beautiful shrub or small tree; dark green, leathery leaves, peculiarly margined and dusted with golden down. Price, 4-inch pots, 9 to 12 inches, 25c each.



- Eucalyptus globulus** (globuled). Blue Gum. Splendid, fast-growing tree. Valuable for its hygienic properties, as well as for its timber, which is very durable and well adapted for making railroad ties, posts, etc. Price, 5-inch pots, 4 to 5 feet, 25c each; \$2.00 per 10; \$18 per 100; 5-inch pots, 5 to 6 feet, 35c each; \$2.50 per 10; \$20 per 100; 6-inch pots, 6 to 7 feet, 40c each; \$3.00 per 10; \$25 per 100.
- E. Gunnii**. Tasmanian Cider Tree. Probably the hardiest of the genus; will stand a considerable amount of frost; recommended for all elevated and exposed situations. Price, 3-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10.
- E. piperita**. Peppermint Gum. Timber valuable for shingles, fence rails, etc.; yields a greater quantity of oil than any other variety; of remarkably rapid growth. Price, 3-inch pots, 9 to 12 inches, 25c each; \$2.00 per 10.
- E. risinifera**. Forest Mahogany. A superior timber, of large size, much valued for its strength and durability. Price, 3-inch pots, 9 to 12 inches, 25c each; \$2.00 per 10.
- E. robusta** (robust). Swamp Mahogany. Thrives best in low-lying locations, especially near the coast. Timber smooth and durable. Price, 3-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10.
- E. saligna**. Weeping Gum. Leaves and general habit are like the Babylonian Willow; very ornamental. Price, 3-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10.
- E. Stuartiana**. Apple-scented Gum. A medium-sized tree, with drooping branches; will thrive on any soil. Wood very dark and handsome; useful for cabinet work. Price, 3-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10.
- E. viminalis**. Manna Gum. A hardy, rapid-growing variety, well suited for exposed situations; on rich soils it grows to gigantic size; the young bark and leaves yield "Australian Manna," a hard, opaque, sweet substance. Price, 3-inch pots, 1 to 1½ feet, 20c each; \$1.50 per 10; 4-inch pots, 3 to 4 feet, 35c each; \$2.50 per 10; \$20 per 100; 4-inch pots, 4 to 5 feet, 40c each; \$3.00 per 10; \$25 per 100.
- Eugenia australis** (southern). Akin to the Myrtle family; of beautiful habit, producing small flowers in great abundance. Native of Queensland and New South Wales. Price, 5-inch pots, 1 to 2 feet, 50c each.
- EUONYMUS**. Are of very easy culture in any ordinary garden soil, and form excellent subjects for low, close fences or shrubberies. The species with variegated leaves are well suited as edgings to large beds.
- Euonymus aureus** (golden). A shrub highly esteemed for its beautiful golden foliage; makes a most beautiful hedge. Price, balled, 1 to 2 feet, 35c each; \$2.50 per 10; 2 to 3 feet, 50c each; \$4.00 per 10.
- E. Duc d'Anjou**. The leaves of this variety are marked golden-yellow in the center. Price, balled, 2 to 3 feet, 35c each; \$2.50 per 10.
- E. japonicus** (Japanese). This variety has dark green, glossy, serrated leaves; also admirably suited for hedges and for planting in bleak situations. Price, balled, 2 to 3 feet, 25c each; \$2.00 per 10.
- E. macrophyllis variegatus**. Leaves shining green; beautifully margined with silvery white. Price, 6-inch pots, 1 to 2 feet, 75c each.
- E. radicans variegatus** (creeping variegated). A beautiful creeping variety, with silver-edged foliage. Price, balled, 1 to 1½ feet, 25c each; \$2.00 per 10.

Fabiana imbricata (imbricated). A very pretty *Heath-like* shrub of erect growth, producing pure white tube-shaped flowers, in great profusion, completely covering the bush during spring and summer. When in bloom it is a most beautiful sight. Native of Chili. Price, 4-inch pots, 9 to 12 inches, 25c each; \$2.00 per 10; balled, 3 to 4 feet, 50c each; \$4.00 per 10.

Fir. See *Picea*.

Genista hispanica. Spanish Broom. Flowers yellow, produced very freely; long, pendulous, round, leafless branches. A plant of great beauty. Price, 6-inch pots, 3 to 4 feet, 50c each.

Grevillea robusta (robust). The silk oak of Australia. Flowers orange colored; very beautiful. Foliage fern-like, of rapid growth; capable of resisting drought to a remarkable degree. Price, 4-inch pots, 1 to 2 feet, 25c each; \$2.00 per 10; 5-inch pots, 2 to 3 feet, 35c each; \$2.50 per 10; 5-inch pots, 3 to 4 feet, 50c each; \$4.00 per 10; 6-inch pots, 4 to 5 feet, 75c each; \$6.00 per 10.



PORTUGAL LAUREL.



Habrothamnus elegans (elegant). A strong-growing shrub; bearing panicles of small, trumpet-shaped purplish-red flowers. Makes a grand effect on a lawn or trained up a wall or porch. Native of Mexico. Price, 5-inch pots, 3 to 4 feet, 50c each; balled, 4 to 5 feet, 50c each; \$4.00 per 10.

H. fasciculatus. Another good flowering sort also from Mexico. Price, 5-inch pots, 2 to 3 feet, 40c each.

Heath, Mediterranean (*Erica mediterranea*). A dwarf-growing, compact, ball-shaped little shrub; covered in spring with pink flowers. A beautiful shrub; very hardy and suitable for bleak situations. Price, 6-inch pots, 1½ to 2½ feet, 50c each.

Holly, English (*Ilex aquifolium*). Prickly, dark green foliage; covered with red berries during the winter months, which contrast very pleasingly with the dark green foliage. The branches with berries are in great request for Christmas decorations. Of slow growth. Price, 6-inch pots, 1 to 1½ feet, \$1.00 each; boxed, 4 to 6 feet, \$3.00 each.

H. Golden Queen (*Ilex aurea regina*). A variety with foliage beautifully margined white. Very choice. Price, boxed, 1½ to 2 feet, \$2.50 each.

Juniper, Bermuda. A very beautiful species, with long, linear, spreading leaves of a light yellowish-green color. Price, boxed, 3 to 4 feet, \$1.50 each.

J. Irish. Short, sea-green foliage. A distinct and beautiful variety of conical outline, upright and dense growth. Price, 8-inch, 2½ to 3 feet, \$1.25 each.

J. procumbens or prostrata. Dark green shining foliage; of prostrate, trailing habit. Price, balled, 1 foot, 25c each.

J. Japanese variegated. Beautifully variegated. Of spreading habit. Price, balled, 1 to 1½ feet, 75c each.

Lagunaria cuneiformis (wedge-shape-leaved). Synonym *Fugosia*. Flowers red, produced freely; leaves entire, thick, and somewhat fleshy. Native of Western Anstralia. Price, 5-inch pots, 2 to 3 feet, 75c each.

Laurel, agustifolia (narrow-leaved). A variety of the English laurel, but leaves narrower and longer. Price, 4-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10.

L. cinnamomum. Leaves very large, glossy, dark green. Price, 6-inch pots, 2 to 3 feet, \$1.00 each.

L. elliptica. Lily of the Valley Shrub. Flowers white, deliciously fragrant; leaves large and broad. Price, 4-inch pots, 1 to 1½ feet, 35c each; \$3.00 per 10.

L. English (*Cerasus Laurocerasus*). Produces large panicles of creamy-white, fragrant flowers; followed by purple berries. Leaves broad, shining green; makes a superb hedge. Price, balled, 2 to 3 feet, 35c each; \$3.00 per 10; 3 to 4 feet, 50c each; \$4.00 per 10.

L. nobilis. Sweet Bay. Leaves roundish, rich green, very fragrant; used in European countries to put on the top layer of the boxes in which figs are packed. Price, 4-inch pots, 9 to 12 inches, 25c each.

L. Portugal (*Cerasus lusitanica*). Flowers creamy-white, appearing in very large panicles. Leaves rich glossy dark green. Of compact form. Price, balled, 1½ to 2 feet, 50c each; \$4.00 per 10; balled, 2 to 3 feet, 75c each; \$6.00 per 10.

Laurustinus (*Viburnum tinus*). Flowers come in white clusters, rose colored before expansion, small but pretty. An excellent hedge plant. Price, 4-inch pots, 1 foot, 20c each; \$1.50 per 10; \$10 per 100; balled, 1 to 2 feet, 30c each; \$2.50 per 10; 2 to 3 feet, 50c each; \$4.00 per 10.

L. grandiflorus. A variety whose flowers are much larger than the old sort. Price, 4-inch pots, 1 foot, 25c each.

L. variegated. A variety with leaves beautifully blotched with white. A great improvement on the old sort; a shrub that will please everyone. Price, 7-inch pots, 1 to 1½ feet, \$1.00 each.

Libocedrus decurrens (*decurrent*). Incense Cedar. Foliage velvety, decurrent, flattened; columnar habit, attains a height of 120 feet. A noble tree. Native of California. Price, 7-inch pots, 2 feet, 75c each.

Ligustrum japonicum (Japanese). Japan Privet. Produces large clusters of white flowers slightly fragrant; followed by purplish-blue berries. Leaves glossy, dark green, leathery. A large growing shrub (or small tree). Makes an excellent hedge; stands trimming well. Price, balled, 2 to 3 feet, 40c each; \$3.00 per 10; balled, 4 to 5 feet, 50c each; \$4.00 per 10.

L. japonicum variegatum. Leaves margined and blotched creamy-white. Price, boxed, 1 to 2 feet, \$1.25 each.

L. lucidum (shining). Flowers white; leaves oval and very glossy. A very pretty variety. Native of China. Price, balled, 9 to 12 inches, 25c each.

Lophostemon australis. For description see Novelty List. Price, 75c each.

Loquat. (*Photinia japonica*, *Eriobotrya japonica*.) Flowers white and fragrant, appearing in early spring; fruit small, sweet and edible. Leaves large, crumpled, glossy, olive-green in color. A handsome ornamental shrub (or small tree). Price, seedlings, balled, 2 to 3 feet, 50c each; \$4.00 per 10.



SWAINSONA GREYANA.



Loquat, Giant. Price, balled, 2 to 3 feet, \$1.00 each; \$8.00 per 10.

L. Large Fruited. Price, balled, 3 to 4 feet, \$1.00 each; \$8.00 per 10.

Madrone (*Arbutus Menziesi*). Leaves large, of a beautiful light-green color; the bark has a glossy, smooth appearance; of slow growth. Native of California. Price, 7-inch pots, 2 to 3 feet, 50c each.

Magnolia grandiflora. Flowers white, very fragrant, produced at end of branches, composed of eight or nine petals, open out very large; leaves large, leathery, upper side shining green, under side rusty. The most beautiful of American evergreens. Native of the Southern States. Price, 4-inch pots, 1 to 1½ feet, 40c each; \$3.50 per 10; 6-inch pots, 3 to 4 feet, \$1.00 each; \$8.00 per 10.

M. exoniensis. Similar to the preceding, excepting that they bloom when much younger, have prettier leaves, and are generally more desirable. Price, 6-inch pots, 2 to 3 feet, \$1.50 each.

Melaleuca nodosa (whin-leaved). Flowers white, appearing in tufts on the center of the stem in a very curious manner; leaves small, closely set on the branches. Native of Australia. Price, boxed, 3 to 4 feet, \$1.25 each.

Metrosideros robusta (robust). Flowers red, large, coming in tufts; a most remarkable looking shrub from New Zealand. Commonly called "Bottle Brush." Price, 5-inch pots, 2 to 2½ feet, 50c each.

Murraya excelsa (tall). Flowers pure white, very fragrant. Price, 3-inch pots, 9 to 12 inches, 25c each.

Myoporum laetum. Flowers white, spotted brown, star shaped, small; leaves glossy, peculiarly speckled. Very suitable for planting in bleak locations. Native of New South Wales. Price, 5-inch pots, 2 to 3 feet, 25c each; \$2.00 per 10; 5-inch pots, 3 to 4 feet, 40c each; \$3.00 per 10.

Myrtle. Among the ancients this plant was held sacred to Venus. Wreaths of it were worn by the victors in the Olympic games and other honored personages. Used a good deal in perfumery. They are small growing shrubs with small, glossy foliage. **Common.** Flowers creamy-white, small. Price, balled, 1 to 2 feet, 40c each; \$3.50 per 10. **Double flowering.** Price, 4-inch pots, 50c each. **Small leaved.** Price, balled, 1 to 2 feet, 40c each; \$3.50 per 10.

Nandina domestica. *Nandin* is the name of this shrub in Japan; the flowers appear in panicles and are succeeded by red or white berries of the size of a pea; the foliage is fern-like. Price, 5-inch pots, 1½ feet, 50c each.

Oak, Live (*Quercus densiflora*). The well-known grand old tree of our Golden State, which adds so much beauty to our lowland scenery, where it abounds and grows to perfection. For a shade tree this cannot be equaled. Of slow growth. Price, 3-inch pots, 6 to 9 inch, 75c per 10; \$6.00 per 100; 3 to 4 feet, 75c each.

Oak, Cork. (*Quercus Suber*.) The cork of commerce is obtained from the outer bark of this tree. Native of South France. Price, 5-inch pots, 2 to 3 feet, \$1.00 each; boxed, 4 to 5 feet, \$2.00 each.

Olea fragrans (fragrant). Flowers white, small, deliciously fragrant; leaves shining dark-green, serrated. The leaves are used in China and Japan at once to adulterate and flavor teas. Is of slow growth. Price, 5-inch pots, 1 to 2 feet, 60c each; 8-inch pots, 2 to 3 feet, \$1.50 each.

Oleander. A class of plants too well known to need description. They are the most profuse blooming of evergreen shrubs, lasting from May to November. **Double pink. Semi-double white.** Price, balled, 2 to 3 feet, 35c each; \$2.50 per 10; 5-inch pots, 2 to 3 feet, 50c each; \$4.00 per 10; 5-inch pots, 3 to 4 feet, 75c each.

Pepper Tree (*Schinus molle*). The well-known shade tree of our streets. It is a rapid grower; foliage glossy, feathery, light green in color, produces graceful bunches of red berries in autumn. The root of this tree is used medicinally and its resin is used to astringe the gums. The specific name *molle*, or *mulli*, is an adaptation of the Peruvian name for the tree. Native of Peru. Price, 4-inch pots, 1 to 2 feet, 25c each; \$2.00 per 10; 5-inch pots, 2 to 3 feet, 35c each; \$3.00 per 10; 6-inch pots, 3½ to 4½ feet, 50c each; \$4.00 per 10.

PICEA (Silver Fir). For remarks see *Abies*.

Picea alba (white). Leaves less numerous, longer and more pointed than in other species; sea-green; young shoots very glaucous. Moderate growth; compact and pyramid in form. Native of Canada. Price, balled, 1½ to 2 feet, 50c each; \$4.00 per 10; balled, 2½ to 3 feet, 75c each; \$6.00 per 10.



SCIADOPITYS VERTICILLATA.



Picea alcoquina (Alcock's). Leaves deep green above, streaked sea-green and yellow bands underneath. Moderate, pyramidal growth. Native of Japan. Price, 5-inch pots, 1 to 1½ feet, 75c each; \$6.00 per 10.

P. excelsa (tall). Norway Spruce. Leaves stout and prickly, brownish in color; branches pendulous; beautiful, symmetrical, conical shape. As a single specimen this is grand, and for large plantings one of the best. Price, balled, 1½ to 2 feet, 50c each, \$4.00 per 10; 2 to 3 feet, 75c each; \$6.00 per 10.

P. Menziesii (Menzies). Leaves silvery in appearance; thickly branched; pyramidal form, of slow but large growth. Native of Northern California. Price, balled, 1½ to 2 feet, \$1.00 each; \$8.00 per 10.

P. nigra (black). Black Spruce. Leaves bluish-green; branches horizontal. Vigorous grower. A fine ornamental tree. Native of North America. Price, 5-inch pots, 1 to 1¼ feet, 75c each; \$6.00 per 10.

Pimelea decussata. Flowers rose colored, globular in shape; leaves small. A most desirable shrub on account of its free-blooming qualities and compact, dwarf habit. Native of New Holland. Price, 4-inch pots, 9 to 12 inches, 40c each.

PINES (*Pinus*). The planting of forest trees in California is, and has been, sadly neglected, and in a few years hence, when our forests become depleted, we will, as a country, regret that we were so short-sighted. Let us go to work now and plant our bare and barren hillsides with pines and kindred trees, which will in a few years grow up and afford timber for building and domestic purposes. They will beautify parts which are now an eyesore, draw moisture, and generally improve the hygiene of the country.



LIVE OAK IN THE FLOWER SECTIONS OF SUNSET NURSERIES, MENLO PARK.

Pine-Austrian. Leaves thickly set on; long and erect; of a dark green color; cones reddish-brown, 2 to 3 inches long. Thrives in the bleakest and most exposed situations. Price, balled, 2 to 3 feet, 50c each; \$4.00 per 10; 3 to 4 feet, 75c each; \$6.00 per 10; 4 to 5 feet, \$1.00 each; \$8.00 per 10.

P. Liaveana. Mexican Pine. Might almost be named the "Silver Pine," there is no other pine so glaucous. Price, 5-inch pots, 9 to 12 inches, 50c each.

P. Monterey (*Insignis*). Leaves dark green, slender, soft, flexible, twisted; cones very ornamental, 4 inches to 5 inches long. Growth rapid. Very desirable for large plantings. Our well-known native. Price, balled, 2 to 3 feet, 35c each; 5 to 6 feet, 50c each.

P. muricata (prickly-coned). Bishop Pine. Leaves bright green, pliant, crowded; cones clustered, about 3 inches long. A distinct species, with a somewhat irregular growth. Native of California. Price, balled, 4 to 5 feet, \$1.00 each.

P. Pinaster. Cluster Pine. Leaves dark green, stiff, broad, and stout, from 6 inches to 12 inches long; cones yellowish-brown, 4 inches long, in dense clusters. A beautiful tree, succeeding best near the sea. Native of Southwest Europe. Price, balled, 4 to 5 feet, \$1.00 each.

P. Sabiniana. Leaves sea-green, rather weak, pendulous, slightly twisted, rounded on the outer and with a prominent rib on the inner side; cones from 7 inches to 9 inches long. A very distinct and by no means inelegant tree, its long, pendulous leaves and slender but crooked branches being notable characteristics. Native of California. Price, balled, 1 to 2 feet, 75c each.

Photinia serrulata (toothed). Chinese Hawthorn. Flowers white, small, produced in clusters; fragrant; leaves leathery, beautiful green, turning red in winter. Native of China and Japan. Price, balled, 3 to 4 feet, 75c each; boxed, 3 to 4 feet, \$1.00 each.



Pittosporum eugenoides. Leaves small, round, glossy; stems black; makes a good hedge. Price, 6-inch pots, 3 to 4 feet, 50c each; \$4.00 per 10.

P. nerifolium (oleander-leaved). A variety with very small, round leaves; stems black. Price, balled, 2 to 3 feet, 50c each.

P. nigricans (blackish). Leaves wavy, of a shining light green color; stems black; upright, conical. A rapid-growing shrub. Makes a splendid hedge. Native of Australia. Price, balled, 2 to 3 feet, 50c each; \$4.00 per 10.

P. Tobira (its native name). Flowers white, very fragrant, umbel shaped; leaves dark green, glossy, leathery. This is a favorite flower in the Parisian flower markets, and is very largely grown for its very sweet-scented blossoms. Native of Japan. Price, boxed, 2 to 3 feet, 75c each.

P. Tobira variegata. Similar to the preceding, but foliage much lighter green and margined with white. Price, 5-inch pots, 1 to 1½ feet, 50c each.

P. undulatum (wavy-leaved). Victorian Laurel. Fragrant white flowers; leaves deep green, wavy; of vigorous growth. Considered the best of the genus. Native of Australia. Price, 5-inch pots, 1 to 1½ feet, 35c each.

Podocarpus spinulosa. Illawarra Pine. An upright-growing shrub or tree; long, dark green leaves. Native of Australia. Price, 5-inch pots, 1 to 1½ feet, \$1.00 each.

Polygala Dalmatiana. Flowers purple, pea-blossom shaped; leaves light green. A profuse flowering shrub. Price, 4-inch pots, 9 to 12 inches, 35c each.

Raphiolepis ovata. Indian Hawthorn. Flowers white, fragrant; succeeded by blue-black berries; leaves leathery, dark shining green. A beautiful, compact, low growing shrub. Native of Japan. Price, 8-inch pots, 2 to 3 feet, \$1.00 each.

Redwood (*Sequoia sempervirens*). Well known, native of California. Makes a lovely specimen for the lawn; suitable also for avenue planting. Price, 7-inch pots, 3 feet, 50c each; boxed, 4 to 6 feet, \$2.00 each.

R. glaucous leaved. Much resembling the common Redwood in form, and habit of growth, only the foliage has a distinct sea-green appearance, which is an additional point of great beauty. Price, 10-inch pots, 1½ to 2 feet, \$1.50 each.

Retinospora argentea (silvery). Foliage of silvery appearance; distinct and fine. Price, 6-inch pots, 2 feet, 50c each.

R. ericoides (heath-like). Of dwarf, compact habit. Price, 5-inch pots, 1 foot, 40c each.

R. plumosa (feathery). A dense-growing species; conical habit. Price, 4-inch pots, 35c each.

R. plumosa aurea (golden-feathery). Foliage tipped with bright golden-yellow, which it retains throughout the year. Of compact, symmetrical growth. Very distinct and ornamental. Price, 4-inch pots, 1 foot, 35c each.

R. squarrosa. Foliage sea-green; branches slender, gracefully curved towards the extremities; branchlets numerous, spreading in all directions. Native of Japan. Price, 5-inch pots, 1 foot, 50c each.

Rhododendron. These grand flowering shrubs are growing more in favor in this State every year, which, considering their effectiveness, is not surprising. They will grow in any good soil, succeeding best if planted in a shady situation. The foliage is dark, glossy green. They produce immense flowers of all colors, from pure white to the most brilliant scarlet. We have in stock the best grafted sorts. Price, balled, 2 to 2½ feet, \$2.00 each.

Sciadopitys verticillata (whorled). Commonly called "Umbrella Pine," which we think misleading, as the tree is not shaped like an umbrella, as this name indicates; this refers to the leaves, which are narrow, round, and arranged in whorls of umbrella-like tufts. The tree is of pyramidal and symmetrical form; is especially adapted for lawn decoration. Native of Japan. Price, 7-inch pots, 2 to 3 feet, \$2.00 each.

Schinus molle. See Pepper Tree.



AMERICAN AGAVE. For description see under head "Dracenas, Bamboos, etc."



Sequoia gigantea. See California Big Tree.

Sequoia sempervirens. See Redwood.

Spruce. See Abies.

Streptosolen Jamesonii. Is a most striking and brilliant shrub; trailing over buildings to several feet high. Similar in habit to the heliotrope and makes a harmonious companion to the latter, being covered all the year round with bright orange-red flowers. Native of Ecuador. Price, 4-inch pots, 35c each; 5-inch pots, 50c each.

Swainsona Greyana. Darling River Pea. Flowers rose color, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling the flower of a sweet pea; leaves small, acacia-like; a most desirable ever-blooming plant. Native of New South Wales. Price, 3-inch pots, 25c each; \$2.00 per 10.

S. galegifolia alba. This variety has delicate white flowers; used in the East for forcing. Price, 4-inch pots, 25c each; \$2.00 per 10.

Thuyopsis dolabrata (hatchet-leaved). Leaves shining green above, silvery-white beneath; of a pendulous and dwarfish habit; branchlets coral-like in appearance. A most peculiar looking tree from Japan. Price, 6-inch pots, 1 to 1½ feet, 75c each.

Ternstroemia elliptica (elliptic-leaved). Flowers white, appearing at base of leaves, which are leathery; dark green. Native of the West Indies. Price, 7-inch pots, 2 to 2½ feet, \$1.50 each.

T. elliptica variegata. Similar to preceding, but leaves beautifully margined with silvery-white. Price, 7-inch pots, 2 to 2½ feet, \$2.00 each.



OUR OFFICE BUILDING AT SUNSET NURSERIES, MENLO PARK.

Toxicophloeæ spectabilis (showy). Winter Sweet. Has large, dense sprays of white, cone-shaped flowers, which are exceptionally fragrant at this time of the year (December). It is easily grown, an excellent winter flowering plant, and should be in every collection where odorous white flowers are wanted. Native of South Africa. Price, 7-inch pots, 2½ to 3 feet, \$1.50 each.

Veronica Andersonii. Flowers bluish-violet; spike shape; produced very profusely for a long period; leaves lance shaped, rich, glossy green. This shrub is unequalled for planting in bleak and exposed situations. Price, balled, 2 to 3 feet, 40c each; \$3.00 per 10.

V. Andersonii variegata. Resembles the preceding, excepting that the leaves are beautifully variegated. Price, balled, 2 to 3 feet, 40c each; \$3.00 per 10.

YEW (*Taxus*). The Yews are of geological antiquity; they formed part of the forests of Britain at a period long anterior to historic times. They are found among the buried trees on the Norfolk coast in England. It also appears in another forest now beneath the Bristol Channel. For cemetery planting they are peculiarly adapted. The common or English variety makes an impervious hedge.

Yew English (*T. baccata*) (berried). Of slow growth; very bushy head; densely branched and thickly covered with somber green foliage. Price, boxed, 4 to 5 feet, \$3.00 each.

Y. Erect English (*T. baccata erecta*). Small foliage; of a seal-brown color. Erect form; forms a massive evergreen pyramid. One of the most effective of the few upright-growing shrubs. Price, balled, 3 to 4 feet, \$1.50 each.

Y. Irish (*T. baccata fastigiata*) (tapering). Deep blackish-green foliage; very erect growth; very beautiful and valuable. Much used in cemetery planting. Price, boxed, 5 feet, \$2.50 each.

Y. Irish, golden (*T. baccata fastigiata aurea*). Resembles the preceding, but foliage is beautifully tipped with gold, which gives it a luminous appearance. Price, boxed, 2 to 3 feet, \$1.50 each.



Deciduous Shade Trees.

- Acacia, rose flowering** (*Acacia julibrissin rosea*). Flowers delicate pink, appearing in great profusion; leaves feathery; tree makes an umbrella-like head. Rare and very choice. Price, 6 to 8 feet, 50c each; \$4.00 per 10.
- Almond, large double flowering** (*Amygdalus*). Flowers double rose, produced in great profusion along the branches, resembling small roses, appearing in early spring before the leaves. Is a beautiful object when in full bloom. Price, 2 to 3 feet, 40c each; \$3.00 per 10.
- Ash, American white** (*Fraxinus americanus*). Broad round head; medium height; straight clean trunk. An excellent shade and ornamental tree. Price, 6 to 8 feet, 35c each; \$3.00 per 10; 8 to 10 feet, 40c each; \$3.50 per 10.
- A. gold-bark weeping** (*Fraxinus aurea pendula*.) Beautiful golden branches. This is seen to best advantage when the leaves are off. In time the drooping branches completely cover the stem. Very effective on lawn. Price, 7 to 8 feet, 75c each.
- Beech, purple or copper leaved** (*Fagus purpureus*). This is a beautiful tree especially adapted for the lawn, where its beautiful deep, soft, tender, purple foliage in spring, changing to crimson later on, is seen to advantage. Price, 3 to 4 feet, \$1.00 each; \$8.00 per 10.
- Birch, European white** (*Betula alba*). Leaves small, heart-shaped; branches slender, purplish, spotted white; bark of stem silvery white. A most graceful tree. Price, 4 to 6 feet, 40c each; \$3.50 per 10.
- B. cut-leaved weeping** (*Betula lasiniata pendula*). Tall, slender, yet vigorous; drooping branches; delicately cut leaves; silvery-white bark. Very attractive. Price, 8 to 10 feet, \$1.00 each.
- B. purple leaved** (*Betula atropurpurea*). A variety with beautiful dark purple leaves. Unsurpassed for beauty. Price, 3 to 5 feet, 50c each; \$4.00 per 10.
- Broussonetia papyrifera**. Paper Mulberry. Leaves vary very much in shape, those of the young trees being frequently divided into three or five sharp-pointed irregular lobes, while those of older trees are mostly entire, very rough on upper surface and slightly hairy beneath. They are of rapid growth and are mulberry-like in appearance. From the bark of the young shoots of this tree the Chinese and Japanese make paper; the Otaheitans, cloth. Native of Japan. Price, 6 to 8 feet, 40c each; \$3.50 per 10.
- Cascara sagrada**. See Rhamnus.
- CATALPA**. Indian Bean. All of fairly rapid growth and thrive in almost any soil. As an avenue tree they are very fine and as such we recommend them, especially for the warmer sections.
- Catalpa bignonioides** (Bignonia-like) (synonym *C. syriaca*). Flowers white, speckled with purple and yellow, appearing in large, beautiful clusters, resembling some orchid flowers; leaves large, heart shaped and very showy. Tree of medium-sized growth. Native of North America. Price, 6 to 8 feet, 40c each; \$3.50 per 10.
- C. Bungei**. For description see Novelty List. Price, 5 to 6 feet, 75c each.
- C. Kämpferi** (Kämpfer's). Flowers clear yellow, spotted reddish-brown, small, sweet scented, appearing in clusters; similar to *bignonioides*, except the shape of the leaves, which are heart-shaped only at base and smaller flowers. Native of Japan. Price, 2 to 3 feet, 30c each; \$2.50 per 10.
- Cherry, Japan double flowering** (*Cerasus japonicus flore-pleno*). Flowers large, double, white, appearing in great masses; leaves similar to the common cherry. This, when in bloom, presents a glorious sight. Price, 6 to 8 feet, 50c each.
- Chestnut, Spanish or Italian** (*Castanea vesca*.) Leaves long, narrow and serrated, rich, glossy green. A highly ornamental tree, of free growth, valued for its beautiful foliage and useful timber. The nut is sweet and large. Price, 4 to 5 feet, 50c each; \$4.00 per 10. **For other fruiting varieties see Fruit Department.**
- Elm, American White** (*Ulmus americanus*). Leaves large; bark reddish-black. A noble tree of rapid growth. Price, 8 to 10 feet, 40c each; \$3.00 per 10; 10 to 12 feet, 50c each; \$4.00 per 10.
- E. Camperdown** (Weeping) (*Ulmus camperdownii*). This variety is grafted on the common sorts and makes a most picturesque tree. The long, pendulous branches, with dark green, glossy, luxuriant leaves, in time completely hiding the stem, which is about 6 feet in height. Seen to perfection on a lawn. Price, 6 feet, \$1.00 each.
- E. Cork** (*Ulmus suberosa*). This has proved one of the best shade trees for California. It is a rapid and large grower; young limbs covered with cork. Price, 6 to 8 feet, 40c each; \$3.50 per 10.
- E. English or French** (*Ulmus campestris*). Leaves small, very close to the branches; when young has cork on the limbs which disappear with age. An erect, lofty growing tree of rapid growth. Price, 6 to 8 feet, 35c each; \$3.00 per 10.
- E. Huntingdon** (*Ulmus Huntingdonii*). Of very erect habit and rapid, vigorous growth. Bark clean and smooth. The most rapid growing of all elms. Price, 8 to 10 feet, 40c each; \$3.50 per 10.
- E. Variegated** (*Ulmus Variegatis*). A variety with leaves beautifully spotted with white; of strong, vigorous growth. Price, 6 to 8 feet, 60c each.
- HAWTHORN** (*Crataegus*). This class we can with confidence recommend to those who are desirous of beautifying their grounds. During the spring months they are covered with a mass of fragrant flowers from top to bottom, and later in the season their fruit is also highly ornamental. They are of fairly rapid growth, afford excellent shade and succeed admirably in this country. We offer the following varieties:
- Double white**. Price, 5 to 6 feet, 50c each; 6 to 7 feet, 75c each.
- Paul's double scarlet**. Price, 5 to 6 feet, 50c each; 6 to 7 feet, 60c each.
- Single white**. Excellent for hedges. Price, 4 to 5 feet, 40c each; \$3.00 per 10.



Horse Chestnut, European or white (*Æsculus Hippocastanum*). Flowers white, tinged with red, spike-shaped, produced in great profusion; followed by mahogany-colored nuts, enclosed in burs; they are not, however, edible; in Turkey they are ground and mixed with horse provender; leaves palmate. Of majestic appearance. Price, 2 to 3 feet, 40c each; \$3.50 per 10; 6 to 8 feet, 75c each; \$6.00 per 10.

Kolreuteria paniculata. Flowers rich yellow, borne on long stems; succeeded by a curious growth of large bladder seed vessels; leaves disposed about the branchlets, deeply dented; of medium growth. Esteemed on account of its blooming when other trees have finished. Native of China. Price, 6 to 8 feet, 75c each.

Laburnum, common (*Cytisus laburnum*). Golden Chain. Flowers canary-yellow, coming in long clusters, resembling wisteria bloom, the individual flowers pea-shaped; leaves clover-shaped, blooms in May. A most lovely tree. Native of Southern France to Hungary. Price, 4 to 6 feet, 50c each; \$4.00 per 10.

Linden, American (*Tilia americana*). Basswood. Flowers yellowish-white, small, star-shaped, coming in pendulous clusters, deliciously fragrant. The honey made from the flowers is considered the finest in the world; leaves heart-shaped, very large. This is one of our grandest deciduous shade trees. Price, 8 to 10 feet, 60c each; \$5.00 per 10.

L. European (*Tilia europæa*). Lime Tree. Very similar to the preceding, excepting the leaves, which are smaller and darker in color. Price, 8 to 10 feet, 50c each; \$4.00 per 10.

Locust, common or black (*Robinia pseudacacia*). Flowers creamy-white, pea-shaped, in slender, loose, pendulous bunches, very fragrant; leaves small and numerous, appearing on both sides of the branchlets; branches very thorny. Of rapid growth. The well-known tree of our roadsides. The wood is very hard and durable, and much sought after by shipbuilders. Native of North America. Price, 8 to 10 feet, 40c each; \$3.00 per 10.

L. hispida (*Robinia hispida*). Rose Acacia. Flowers deep rose, pea-shaped, appearing in clusters; this variety is grafted on the common locust, and is a tree of great beauty. Price, 4 to 6 feet, 50c each.

L. Decnaisneana (*Robinia Decnaisneana*). Flowers bright rosy-pink, produced in great abundance. Tree of vigorous and upright growth. Price, 6 to 8 feet, 50c each; \$4.00 per 10.

L. Thornless (*Robinia Bessoniana*). This variety, as the name indicates, is without thorns; makes a dense head. Best of all the locusts. Price, 8 to 10 feet, 50c each; \$4.00 per 10.

MAGNOLIA, DECIDUOUS. Few shrubs or small trees attract so much attention, when in blossom, as do the early-flowering Magnolias; the flower buds open, in most varieties, before the leaves expand. They have a strong and peculiarly sweet odor, which most people like. They bloom very early in the year. All are natives of Japan and China.

Magnolia conspicua (conspicuous). Flowers white, sometimes suffused with purple, lily-like in appearance, very fragrant, produced in great profusion; leaves long and of a rich green color. Price, 3 to 4 feet, \$2.00 each.

M. Lenné. Flowers crimson purple outside, pearl-colored within, cup-shaped; leaves large. Finest of the purple varieties. Price, 3 to 4 feet, \$3.00 each.

M. Stedata (starry). Synonym *Halleana*. Flowers white, star-shaped, reflexed, sweet scented. A pretty tree of dwarf habit. Price, 3 to 4 feet, \$2.00 each.

M. soulangeana. Flowers white, with purplish tinge at base of petals, produced in great profusion. Price, 3 to 4 feet, \$2.00 each.

M. Watsonii. For description see Novelty List. Price, 2 to 3 feet, \$2.00 each.

Malden Hair Tree (*Salisburya adiantifolia*). Leaves fan or adiantum-shaped, olive-green in color. A tree of great beauty. Native of Northern China. Price, 3 to 4 feet, 50c each; \$4.00 per 10; 4 to 6 feet, 75c each.

Malden Hair Tree variegated. Resembles the preceding, excepting the leaves, which are beautifully and oddly marked with white. Price, 2 to 3 feet, \$2.00 each.

Maple. Box Elder (*Negundo aceroides*). Leaves ash-like; spreading form; of rapid growth. An excellent shade tree. Price, 8 to 10 feet, 35c each; \$3.00 per 10.

M. Japanese (*Acer japonicum*). Very dwarf in habit, growing only five to ten feet in height. The varieties are numerous; some have highly-colored leaves, from a pure white variegation to pink and dark purple; others are as delicately designed as lace. Planted on lawns or in masses they are extremely effective. Price, 2 to 3 feet, \$1.00 each; 3½ to 4½ feet, \$1.50 each.

M. Oregon or large leaved (*A. latifolia*). A most graceful tree, with wide-spreading branches. Price, 8 to 10 feet, 50c each; \$4.00 per 10.

M. Silver or Soft (*A. dasycarpum*). Leaves light green on top, silvery underneath; palmate in shape. Thrives in almost any soil. Of rapid growth. Price, 8 to 10 feet, 50c each; \$4.00 per 10.



PAUL'S DOUBLE SCARLET HAWTHORN.



WEIR'S CUT-LEAVED MAPLE.

Maple, Weir's cut leaved (*A. laciniosa Weirii*). Leaves deeply and delicately cut; of drooping habit; rapid growth. Price, 6 to 8 feet, 50c each; \$4.00 per 10.

Mountain Ash, European (*Pyrus aucuparia*). Rowan Tree. Flowers creamy white; foliage somewhat resembling the Pepper Tree, but larger; covered, from August to November, with great clusters of bright scarlet berries. Very showy. Price, 6 to 8 feet, 50c each; \$4.00 per 10.

MULBERRY (*Morus*). "With time and patience each leaf of the mulberry becomes the softest silk" (old proverb). This refers to the fact that the leaf of this tree is the principal food of the silkworm. The mulberry is referred to very often by ancient writers; it is mentioned in the Bible, by the Greek and Roman authors. Ovid mentions it in his beautiful and pathetic story of Pyramus and Thisbe as the trysting place of the lovers. They are all of rapid growth, excepting the Persian, and make excellent shade.

Mulberry, Downing's Everbearing. Leaves very large, crimped and glossy; produces superior fruit of purplish-black color; of rapid growth. Price, 6 to 8 feet, 40c each; \$3.50 per 10.



- Mulberry, Fluticaulis.** Fruit white, but worthless; of rapid growth. Chiefly used as food for the silkworm. Price, 6 to 8 feet, 30c each; \$2.50 per 10.
- M. Persian.** A variety of slow growth, but producing the largest and finest fruit of all the Mulberries. The fruit is large, black, one to one and a half inches long, with a fine aromatic flavor. Price, 4 to 6 feet, 50c each; \$4.00 per 10.
- M. Russian.** Fruit medium sized, black. Timber valuable for cabinet work. Price, 6 to 8 feet, 50c each; \$3.50 per 10.
- Oak, British (*Quercus Robur*).** Leaves dark green, dentate; tree broad-spreading and slow-growing. Very handsome when young, retaining its ornamental character to the last. Price, 6 to 8 feet, 50c each; \$4.00 per 10.
- O. scarlet (*Q. coccinea*).** A beautiful variety, with scarlet leaves in autumn. Native of North America. Price, 6 to 8 feet, 75c each.
- The Olive.** "Minerva's Sacred Tree." This tree has not been extensively used for sidewalk or roadside planting, but there are quite a number of points in its favor for this purpose, which have long been overlooked. It stands neglect (which is very often the lot of the sidewalk tree); the walks are not littered with falling leaves, the fruit is not liable to be molested by small boys, or others—at least not the second time—it is of a beautiful and symmetrical growth, and for this purpose it cannot be excelled. A good revenue can also be obtained from the fruit. Price of the Mission variety, 4 to 5 feet, 25c each; \$2.00 per 10; \$17.50 per 100. **For price of other varieties see Fruit Department.**
- Paulownia imperialis.** A much neglected Japanese tree, of massive, semi-tropical appearance; it has the habit of the *Catalpa Speciosa*, and was originally classified with that tree. It is of extremely rapid growth; has a large, dense and spreading head; leaves abundant, broad and rounded. The glory of this tree consists in its immense terminal panicles of lavender-colored, trumpet-shaped flowers. The grandeur of large trees in bloom is worthy of admiration. Thrives to perfection on this coast. Native of Japan. Price, 2 to 3 feet, 35c each; \$3.00 per 10; 3 to 4 feet, 50c each; \$4.00 per 10.
- Pecan (*Carya olivæformis*).** Valuable, both for its timber and olive-shaped sweet nuts, which are borne heavily, and command a high price in market. This tree is not planted nearly enough. Price, 4 to 5 feet, 50c each; \$4.00 per 10.
- Peach, flowering (*Persica*).** Those who have seen these marvels of flowering trees blooming in early spring, will agree with us when we say that they are unsurpassed for beauty. The flowers resemble a small rose, and are borne very profusely all along the branches. We offer the following varieties:—
- Double crimson.** Price, 3 to 4 feet, 50c each; \$4.00 per 10.
- Double white.** Price, 4 to 5 feet, 50c each; \$4.00 per 10.
- Plum, purple leaved (*Prunus pissardii*).** Flowers white, single, small. The beauty of this tree is in its beautiful leaves, which, when unfolding, are crimson, afterwards becoming dark purple, which it retains throughout the season; the twigs are glossy black. Introduced a few years ago from Persia. Price, 4 to 6 feet, 40c each; \$3.50 per 10.
- Poplar, Carolina (*Populus caroliniana*).** Leaves large, heart-shaped, tremulous; branches spreading, oddly speckled white. Of very rapid growth. Price, 6 to 8 feet, 35c each; \$3.00 per 10.
- P. Lombardy (*P. fastigiata*).** This variety is of erect, pyramidal form. Of very rapid growth. Price, 8 to 10 feet, 35c each; \$3.00 per 10.
- P. White or Silver (*P. alba*).** Leaves sea-green on top, beautiful silvery-white underneath; of branching habit. A remarkably pretty tree, especially so when the leaves, being gently shaken by the wind, show beautiful white on the under side. Price, 6 to 8 feet, 35c each; \$3.00 per 10; 8 to 10 feet, 50c each; \$4.00 per 10.
- Rhamnus Purshianus.** A very ornamental tree, with crimped leaves, used for food for silk-worms. The bark is used in medicine, and known as *Cascara sagrada*. Price, 3 to 4 feet, 40c each; \$3.50 per 10.
- Sycamore, European (*Platanus orientalis*).** Oriental plane. Lofty, wide spreading trees, with palmate leaves; the bark of this tree scales off, leaving the trunks curiously flaked in appearance. Valuable as shade or street trees. Price, 6 to 8 feet, 40c each; \$3.50 per 10; 8 to 10 feet, 50c each; \$4.00 per 10.
- Tamarix parviflora** (small-flowered). Synonym *T. africana*. Flowers small, pink, spike-shaped; foliage small, feathery and graceful; of easy and rapid growth; especially suitable for planting in sandy soils and near the sea coast. Price, 4 to 6 feet, 30c each; \$2.50 per 10.
- Taxodium distichum.** Deciduous or Bald Cypress. Leaves small, delicate, of a pleasing light green; branches horizontal. A beautiful tree for the lawn. The wood is used in the manufacture of shingles. Native of the United States. Price, 4 to 6 feet, 50c each; \$4.00 per 10.
- Texas Umbrella Tree (*Melia Azedarach*).** Flowers lilac; leaves ash-like; throws up numerous branches diagonally from the main stem, thus presenting an umbrella-like appearance. Of rapid growth, especially in the hot interior, where it reaches perfection. This tree is closely allied to the Mahogany; the wood is rather coarse-fibered but handsomely marked. The seeds are much used in the manufacture of rosaries for persons of the Catholic faith. One of the most desirable trees for sidewalk planting. Price, 4 to 5 feet, 40c each; \$3.50 per 10; 5 to 6 feet, 50c each; \$4.00 per 10.
- Tulip Tree (*Liriodendron tulipifera*).** Flowers yellow and orange, variegated with green; large and tulip-shaped; very fragrant; curiously and finely formed; leaves pleasing green, saddle-shaped. A magnificent tree of beautiful and symmetrical appearance. Highly recommended for avenue planting. Native of North America. Price, 4 to 5 feet, 50c each; \$4.00 per 10.
- Virgilia lutea** (yellow). Synonym *Cladastris tinctoria*. Flowers white, drooping, in great profusion in grape-like clusters; leaves smooth. A very showy tree. Price, 6 to 8 feet, 60c each; \$5.00 per 10.

- Walnut, American black** (*Juglans americana*). Affords excellent shade; of fairly rapid growth. Price, 6 to 8 feet, 35c each; \$3.00 per 10.
- W. California black** (*J. californica*). Leaves one to one and a half feet long, composed of eight or nine pairs of leaflets, light yellowish-green, bark furrowed. Nuts roundish, hard shell, meat very sweet. Tree of fairly rapid growth. Desirable either as a shade or avenue tree. Native of California. Price, 6 to 8 feet, 40c each; \$3.50 per 10; 8 to 10 feet, 45c each; \$4.00 per 10.
- Willow, common weeping** (*Salix babylonica*). Babylonian. Leaves small, light green; branches long and pendulant. A most graceful tree; of rapid growth. Price, 6 to 8 feet, 40c each; \$3.50 per 10; 8 to 10 feet, 50c each; \$4.00 per 10.
- W. Kilmarnock** (*S. caprea pendula*). This variety is grafted on the willow. It makes a beautiful, round, umbrella-like head, and in time droops to the ground, completely hiding the stem. Of rare beauty and shows to great advantage on a lawn. Price, 5 feet, 75c each.
- W. New American** (*S. palmifolia pendula*). Resembles the preceding somewhat in habit, but grows more rapidly. Price, 6 to 8 feet, \$1.00 each.
- Xanthoceras sorbifolia** (sorbus-leaved). Flowers pure white, tinged with red at center, trumpet-shaped, coming in large, showy clusters; leaves similar to those of the Mountain Ash. A beautiful object in a lawn vista. Native of China. Price, 3 to 5 feet, 50c each; \$4.00 per 10.

Deciduous Flowering Shrubs.

NATURE'S FESTIVE GREETINGS AND SOLACE TO A CAREWORN WORLD.

We draw the particular attention of the people of the Pacific Coast to this class of plants—so much and unjustly ignored by the garden-loving public, for what reason it is hard to divine—for their great beauty and gladness surely commends them to more than passing notice.

The reason of their being overlooked must be that the general public are unfamiliar with their superior attractiveness, else the happy, cheering family of outdoors, as headlined above, would not be relegated to a "back seat," as has been the case in late years.

We have endeavored during the past season to bring deciduous flowering shrubs prominently before the public. We made an exhibit of cut blossoms of flowering shrubs at the Exhibition of The California State Floral Society last spring, and were awarded First Premium. We also had an exhibit at our seed and plant store, during the summer months of the current year, blooms of shrubs and trees which attracted general admiration, and were favorably spoken of by all flower lovers, not only in the home but on the street and in places where people congregate and give each other the best news.

For small home places, shrubs are indispensable, combining, as they do, so wide a range of foliage, flowers and color, habit of growth, and season of blooming. They are all of the most easy culture.

Althæa. Valuable late-blooming shrubs, especially desirable because of blooming freely at a season when few shrubs or trees are in bloom.

Double purple. Price, 3 to 4 feet, 30c each; \$2.50 per 10.

Double white. Price, 3 to 4 feet, 30c each; \$2.50 per 10.

Barberry, common (*Berberis vulgaris*). Flowers yellow, numerous, succeeded by deep violet-colored fruit; leaves small, green; branches armed with thorns. Suitable for hedges. Native of Britain. Price, 3 to 4 feet, 25c each; \$2.00 per 10.

B. purple leaved (*B. purpurea*). A variety with beautiful purple leaves. Price, 3 to 4 feet, 35c each; \$3.00 per 10.

Blackberry (*Rubus alba-plena*). **Large, flowering double white.** Flowers large, double white, very freely produced during a long period. A rare though old shrub. Price, 1 to 2 feet, 40c each; 2 to 3 feet, 50c each.



DOUBLE FLOWERING BLACKBERRY.

Broom, Spanish (*Genista hispanica*). Flowers yellow, pea-shaped, borne all along the branches in great profusion throughout the summer; leaves small, stiff, dark green in color. Price, 1 to 2 feet, 40c each; 3 to 4 feet, 60c each.

B. white flowering (*Cytisus albus*). A variety with beautiful white flowers. Price, 2 to 3 feet, 40c each; \$3.50 per 10; 3 to 4 feet, 50c each; \$4.00 per 10.

Calycanthus floridus. Caroline Allspice. Flowers chocolate-colored; perfumed like the pineapple; leaves glossy on top, downy underneath. Wood and roots strongly odorous of camphor; their spicy fragrance is very refreshing. Price, 1 to 2 feet, 25c each; \$2.00 per 10.

Cestrum aurantiacum (orange). Happy Family. Flowers orange colored, tubular, produced in the greatest profusion and for a long period; leaves wavy. A most desirable shrub. Native of Guatemala. Price, 1½ feet, 35c each; \$3.00 per 10.

Coral Plant. See Erythrina.



Cornus mascula or Mas. Cornelian Cherry. Flowers yellow, followed by deep scarlet fruit, which formerly was used in making into tarts; leaves oval, downy on both surfaces. The wood is very hard, and, made into wedges, will last as iron. Price, 1 to 2 feet, 25c each; \$2.00 per 10.

C. sanguinea (blood colored). Common Dogwood. Flowers greenish-white, followed by white fruit; bark deep red; very attractive in winter; wood also very hard. Thrives in the shade of large trees. Price, 2 to 3 feet, 30c each; \$2.50 per 10.

Crape Myrtle (*Lagerströmia*). Beautiful flowering shrubs, which bloom in midsummer. The flowers are very pretty, having the edges crimped, resembling crape; leaves small, oval. Natives of China. We offer the following sorts:

Crimson flowering. Price, 2 to 3 feet, 60c each; \$5.00 per 10.

Pink flowering. Price, 3 to 4 feet, 40c each; \$3.50 per 10.

White flowering. Price, 1 to 2 feet, 75c each; \$6.00 per 10.

Currant, crimson flowering (*Ribes sanguineum*).

Flowers appear very early in spring. This is an old-fashioned flower, whose fragrance recalls nosegays culled for mother and sweetheart in our childhood's days. Price, 4 to 5 feet, 35c each; \$3.00 per 10.

DEUTZIA. This class is among the best of flowering shrubs; they bloom very freely for quite a long period, and when in flower present a most pleasing and cheering aspect. They are of easy culture and succeed anywhere. Mostly natives of Japan.

Deutzia, double white (*Crenata alba plena*). Very free bloomers. Price, 3 to 4 feet, 25c each; \$2.00 per 10.

D. gracilis (slender). Flowers white, appearing all along the branches in the greatest profusion. A row or group of these dwarfish shrubs is a beautiful sight. Price, 6-inch pots, 1 to 1½ feet, 25c each; \$2.00 per 10.

D. variegated. Flowers white; leaves prettily margined white. Price, 7-inch pots, 1 to 2 feet, \$1.00 each.

Dogwood. See *Cornus*.

ERYTHRINA. Coral Tree. These shrubs produce large, scarlet, pea-flower shaped flowers in large clusters, appearing on strong stems. The seeds, which are hard and red, are often strung into necklaces. Exceedingly showy and ornamental.

Erythrina caffra. Flowers scarlet; leaves round; leaf stalk unarmed. Native of South Africa. Price, 6-inch pots, 1 to 1½ feet, 50c each; \$4.00 per 10.

E. crista-galli (Cockscomb). Flowers bright scarlet; leaves leathery; leaf stalk prickly. Native of Brazil. Price, 6-inch pots, 2 to 3 feet, 50c each.

Euonymus, European. Spindle-tree. Flowers greenish-white, small, followed by scarlet berries; leaves shining green. Price, 3 to 4 feet, 25c each; \$2.00 per 10.

Forsythia suspensa (hanging-down) (Synonym *F. Fortunei*). Golden Bell. Flowers yellow, pendulous; trumpet-shaped; produced in great profusion in early spring, before the appearance of the leaves, which are of a deep, shining-green. Price, 4 to 5 feet, 30c each; \$2.50 per 10.

HYDRANGEA. For beauty and blooming qualities hydrangeas stand unrivaled. They produce large trusses of flowers in the greatest profusion, each flower being in itself a bouquet. They are of the most easy culture. To enlarge the blooms give the plants plenty of water in the growing season. As pot plants for winter culture hydrangeas are very effective.

Hydrangea hortensis. Flowers vary much in color (according to the soil in which the plant is grown); are usually rose-colored; they remain for a long time in perfect condition; leaves of a light, pleasing green. Native of China. Price, 3-inch pots, 20c each; \$1.50 per 10; 4-inch pots, 30c each; \$2.50 per 10; 5-inch pots, 40c each; \$3.50 per 10.

H. hortensis variegatis. Similar to the preceding, save that the leaves are beautifully margined with white. Price, 3-inch pots, 20c each; \$1.50 per 10; 4-inch pots, 30c each; \$2.50 per 10.

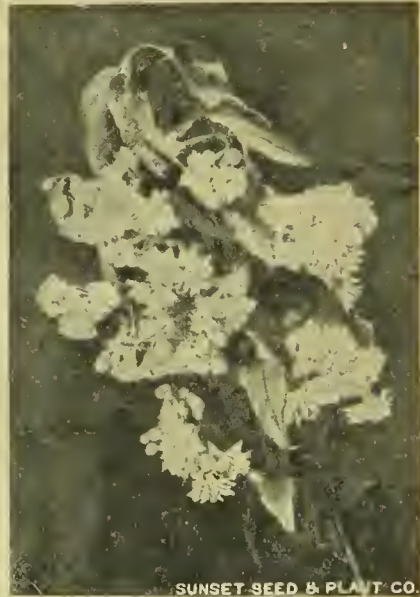
H. otaksa monstrosa. For description see Novelty List. Price, 50c each.

H. paniculata grandiflora (large-flowered paniced). Flowers pure white, changing to delicate pink, coming in immense pyramidal panicles; they are suitable for decoration, bouquet, or corsage,—the only strictly florist Hydrangea. It blooms during the entire summer and autumn months. One of the grandest of flowering shrubs. An admirable pot plant for house or window culture. Native of Japan. Price, 1½ to 2½ feet, 40c each; \$3.50 per 10.

H. Thomas Hogg. A variety of *H. Hortensis*; flowers pure white. Price, 4-inch pots, 50c each.

Hypericum moserianum. For description see Novelty List. Price, 50c each.

Kerria japonica. Synonym *Corchorus japonicus*. Flowers double, buff yellow, produced freely from June to September, and completely hiding the branches; leaves small, finely toothed, dark green. This is a beautiful shrub. Native of Japan. Price, 1 to 2 feet, 35c each; 2 to 3 feet, 50c each.



DEUTZIA CRENATA ALBA.



Lemon Verbena (*Aloysia citriodora*). Flowers lilac, very small, in terminal panicles; leaves pale green, long, and agreeably scented. This is an old favorite. Native of China. Price, 3-inch pots, 20c each; 4-inch pots, 30c each; 2 to 3 feet, 25c each; \$2.00 per 10.

LILAC (*Syringa*). Too well known to require much heralding, yet we cannot pass without a few words in their praise. The flowers are of sweetest and most refined fragrance; true, lilacs are not continuous bloomers, but this is amply made up in the beauty of the blooms, which make glad the month of May. The lilac makes an excellent hedge, and as such we recommend it. Of fairly rapid growth.

Lilac, Charles the Tenth. Flowers deep purplish-lilac, when grown outside, white when forced; very large trusses; leaves large, shining green, leathery. One of the best varieties for forcing. Price, 2 to 3 feet, 35c each; \$3.00 per 10.

L. Persian (*Persica*). Flowers bluish-purple; dense trusses; leaves small. Price, 3 to 4 feet, 50c each; \$4.00 per 10.

L. purple. Flowers violet purple; branches and buds purple. Price, 3 to 4 feet, 25c each; \$2.00 per 10.

L. white. Flowers white; branches and buds green. Price, 2 to 3 feet, 35c each; \$3.00 per 10.

Mock Orange (*Philadelphus grandiflorus*). Also known as *Syringa*. Flowers pure white, single, very large, sweet-scented; produced in great profusion and for a long period. Of very easy culture; the plants flower on the wood made the previous year; this may be cut away when flowering is over, and the new growth encouraged to take its place for the year immediately following. In the Hawaiian Islands they do not succeed in the lowlands, but in the higher regions they do very well. Price, 1 to 2 feet, 25c each; \$2.00 per 10; 3 to 4 feet, 30c each; \$2.50 per 10.

Pomegranate (*Punica*). A pretty class of shrubs, which produce flowers somewhat similar in shape to those of the double flowering tuberous-rooted begonias.

Double red. Price, 2 to 3 feet, 35c each; \$3.00 per 10; 3 to 4 feet, 45c each; boxed, 4 to 5 feet \$1.00 each.

Double white. Price, 2 to 3 feet, 35c each.

Dwarf. Flowers brilliant orange-scarlet, of dwarf habit. Makes a fine hedge. Price, 1½ to 2 feet, 35c each.

Privet, common (*Ligustrum vulgare*). Flowers small white; leaves small and shining. Privet makes an excellent hedge. Price 1 to 2 feet, \$1.00 per 10; \$6.00 per 100; 2 to 3 feet, \$1.25 per 10; \$8.00 per 100.

QUINCE, JAPAN FLOWERING (*Cydonia*). One of the most useful class of flowering shrubs, adapted to all soils, of rapid growth, with healthy, clean foliage, and retaining a low, dense habit. They bear hard pruning without injury, and this adapts them nicely for hedge use. Their showy flowers in early spring are freely produced.

Q. Japan Scarlet. Flowers scarlet; fair size, produced in masses all along the branches; leaves handsome, shining green. Price, 2 to 3 feet, 25c each; \$2.00 per 10; 4 to 5 feet, 40c each; \$3.50 per 10.

Q. Japan White. A beautiful variety with delicate white flowers. Price, 2 to 3 feet, 25c each; \$2.00 per 10; 4 to 5 feet, 40c each; \$3.50 per 10.

Rhus cotinus. Purple Fringe. Smoke Tree. A close-growing, small tree, with round, glossy leaves and showy mist-like clusters of greenish-white flowers. Price, 2 to 3 feet, 40c each; \$3.50 per 10.

Snowball, Japan (*Viburnum plicatum*). Flowers pure double white; larger and more freely produced than those of the common Snowball; they are borne close to the stem; leaves plaited, or folded lengthwise; olive-green in color. An extremely fine variety from Japan. Price, 3 to 4 feet, 75c each.

S. common (*Viburnum opulus sterilis*). Flowers snow-white, large, double, ball-shaped, produced in the greatest profusion; of vigorous growth, and highly ornamental. An old favorite. Price, 3 to 4 feet, 30c each; \$2.50 per 10.

SPIRÆA. Meadow Sweet. An indispensable class of small to medium-sized flowering shrubs.

Spiræa callosa (callous-leaved). Flowers rosy-red; leaves acute, sharply serrated. Native of China and Japan. Price, 2 to 3 feet, 25c each; \$2.00 per 10.

S. prunifolia flore-pleno (plum-leaved, double flowered). Bridal Wreath. Flowers pure double white, produced in bunches along the branches; leaves oval, small, deep, glossy green; of upright, neat habit. Native of China and Japan. Price, 2 to 3 feet, 25c each; \$2.00 per 10.

S. Reevesii flore-pleno. Flowers double white, showy, disposed in terminal tufts; leaves small, three-lobed, deeply toothed. A highly desirable sort. Native of Japan. Price, 2 to 3 feet, 25c each; \$2.00 per 10.



MOCK ORANGE.



Symphoricarpus racemosus. Snowberry. Flowers rose colored, in loose and somewhat leafy interrupted spikes, at the ends of the branches, succeeded in autumn with large, waxy, roundish berries; leaves sea-green underneath. Of the easiest culture. Native of North America. Price, 3 to 4 feet, 25c each; \$2.00 per 10.

WEIGELIA or DIERVILLA. Another beautiful class of flowering shrubs. They are among the showiest and most effective of shrubs, their showy, trumpet-shaped flowers appearing in great profusion.

Weigelia candida (white). Flowers pure white, borne at intervals throughout the summer and autumn; leaves handsome light green. Price, 2½ to 3½ feet, 35c each; \$3.00 per 10.

W. rosea (pink). Flowers rose colored. The old favorite. Price, 2 to 3 feet, 35c each; \$3.00 per 10.

W. Variegated. Flowers rosy-white; leaves beautifully margined with creamy white. Stands the sun well. Price, 1 to 2 feet, 35c; \$3.00 per 10.

Hedge Plants.

For descriptions see under their respective headings.

Evergreen.

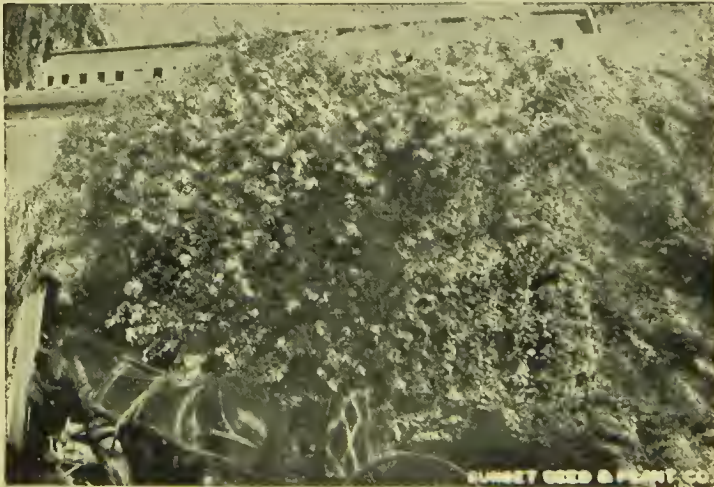
Bamboo	"Dracenas, Bamboos, Etc."
Box, dwarf (for edgings)	"Evergreen Trees and Shrubs."
Box Tree.	" " " "
Cypress, Monterey.	" " " "
Euonymus aureus.	" " " "
" japonicus.	" " " "
Laurel, English.	" " " "
Laurustinus.	" " " "
Ligustrum japonicum (Japan Privet).	" " " "
Myoporum laetum.	" " " "
Pittosporum nigricans.	" " " "
Swainsona, Greyana.	" " " "
Veronica, assorted.	" " " "

Deciduous.

Barberry, common.	"Deciduous Flowering Shrubs
Deutzia, assorted.	" " "
Hawthorn, assorted	"Deciduous Shade Trees."
Lilac, assorted.	"Deciduous Flowering Shrubs
Pomegranate, dwarf.	" " "
Privet, common.	" " "
Quince, Japan flowering.	" " "
Tamarix.	" " "

Vines and Climbers.

(Those marked with an asterisk (*) are evergreen.)



PLUMBAGO CAPENSIS.

***Akebia quinata** (five-leafletted). Flowers purplish-brown; very fragrant; succeeded by yellow ornamental fruit; leaves usually divided into five leaflets. A very rapid and ornamental climber. Native of Japan. Hardy. Price, in pots, 2 to 3 feet, 50c each; \$4.00 per 10.

Ampelopsis quinquefolia (five-leaved). Virginia Creeper. Flowers inconspicuous; followed by handsome dark blue berries; leaves palmate, handsome, and luxuriant, assuming in autumn a gorgeous hue; of rapid growth. Native of North America. Hardy. Price, 4-inch pots, 25c each; \$2.00 per 10.

A. royalii. A sub variety of *Veitchii*. The leaves are three lobed. Introduced from Japan. Hardy. Price 3-inch pots, 25c each.



Ampelopsis Veitchii. Boston or Japan Ivy. Leaves variable, of a shining, glossy green, taking on a beautiful autumn coloring; much used for covering brick or stone walls, to which it closely adheres. Native of Japan. Hardy. Price, 3-inch pots, 25c each; \$2.00 per 10; 5-inch pots, 40c each; \$3.50 per 10.

Aristolochia Siphon (tube-bearing). Dutchman's Pipe. Flowers yellowish-brown; curiously shaped, similar to a curved pipe; leaves heart-shaped, light green, makes dense shade. Native of North America. Hardy. Price, 5-inch pots, 50c each.

***Asparagus plumosus** (plumed). An elegant evergreen greenhouse climber, with numerous spreading, horizontal branches. Excellent when trained in pots, and invaluable for cutting. Native of South Africa. Price, 5-inch pots, 50c each; \$4.00 per 10.

***A. ornatus.** For description, see Novelty List. Price, 50c each.

***A. tenuissimus** (very slender). Of more upright growth than *plumosus*; foliage, however, not such a dark green. Much used for florists' work. Native of South Africa. Price, 6-inch pots, 40c each.

Bignonia grandiflora (large-flowered). Synonym *Tecoma grandiflora*. Flowers scarlet, trumpet-shaped; leaves ash-like. Native of Japan and China. Hardy. Price, 3 years old, 50c each.

B. radicans (rooting). Synonym *Tecoma radicans*. Trumpet Flower. Similar to preceding, but flowers smaller, of a stronger and more rapid growth. Native of North America. Hardy. Price, 5-inch pots, 40c each.

***Bougainvillæa speciosa** (beautiful). Flowers delicate lilac-rose, appearing at the tips of the branches, which are furnished with thorns; leaves very dark green, covered on the upper surface with small hairs. A beautiful greenhouse climber; hardy in the warmer parts of this State. Native of Brazil. Price, 4 inch pots, 50c each.

CLEMATIS. Virgin's Bower. Enough cannot be said in praise of those well-known climbers. They are a mass of flowers during the summer months. Hardy. We offer the following varieties, all pot grown:—

Clematis Coccinea. The Scarlet Clematis. Flowers coral scarlet, bell-shaped. This handsome climber is a herbaceous perennial, the stems dying to the surface in winter; they attain a height of 10 or 12 feet. Blooms for a long season. Price, 5-inch pots, 30c each.

C. Duchess of Edinburgh. Pure double white; sweetly scented. The best of its kind. Price, 5-inch pots, \$1.00 each.

C. flammula. Small, pure white, fragrant flowers, produced in great profusion. Single. Price, 5-inch pots, 40 cents each.



MINA LOBATA,
Five months after planting. Seed 10c per packet.

C. Helene. Flowers white, straw-colored center, medium size; produced in the greatest profusion for a long period, completely covering the vine; strong and rapid grower. This is a variety which will give general satisfaction; single. Price, 5-inch pots, 50c each.

C. Gipsy Queen. Dark velvety purple, very floriferous; single. Price, 5-inch pots, 75c each.

C. Henryii. Beautiful creamy-white; large, finely formed; single. Price, 5-inch pots, 75c each.

C. Jackmanii. Deep violet-purple, immense bloomer, strong grower; single. One of the best; single. Price, 5-inch pots, 75c each.

C. Japanese. Price, 5-inch pots, 40c each.

C. Lawsoniana. Rosy-purple, slightly marked with darker veins; single. Price, 5-inch pots, 75c each.

C. Miss Bateman. Pure white, creamy band around each petal, single. Price, 5-inch pots, \$1.00 each.

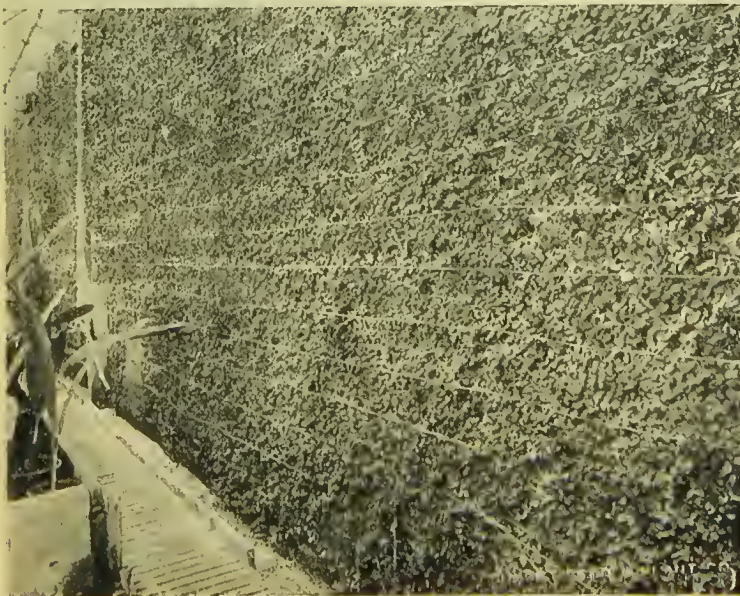
C. Prince of Wales. Single blue. Price, 5-inch pots, 75c each.

C. Viticella. Purple, small, very free bloomer; single. Price, 5-inch pots, 40c each.

***Clianthus puniceus** (reddish). "Parrot's Bill." "Glory Pea." Flowers scarlet; very freely produced in clusters; foliage acacia-like. A very desirable climber from New Zealand. Hardy. Price, 4-inch pots, 35c each; 6-inch pots, 50c each.

***Ficus stipulata** (commonly called *repens*). Leaves small; very suitable for covering stone or brick walls, to which it closely clings; very dense in growth. Native of China and Japan. Hardy in protected localities. Price, 3-inch pots, 25c each; 4-inch pots, 40c each.

- HONEYSUCKLE** (*Lonicera*). Indispensable climbers, embracing a wide range of foliage and flower effects, and adapted to any good soil. All the varieties are hardy.
- Honeysuckle aurea reticulata.** Flowers yellow, very fragrant; leaves beautifully netted and veined with clear yellow. A most desirable sort from Japan. Price, 4-inch pots, 25c each; \$2.00 per 10; field grown, 2 years old, 25c each; \$2.00 per 10.
- H. Japan or Chinese.** Flowers red, shaggy on outside, white inside, fragrant; retains its dark green foliage very late in the season, almost evergreen. Price, 4-inch pots, 25c each; \$2.00 per 10; field grown, 2 years old, 25c each; \$2.00 per 10.
- H. English or Common Woodbine.** Flowers deep red. The well-known sort. Price, 7-inch pots, 40c each.
- ***Hoya carnos**a (fleshy). Wax Flower. Flowers pinkish-white, the individual flowers are star-shaped, the whole being umbel-shaped and pendulous. Very desirable greenhouse climber. Native of Queensland. Price, 5-inch pots, 50c each; 10-inch pots, \$3.00 each.
- Hop Vine, Japan.** Leaves grape-shaped; very rapid grower. Price, 4-inch pots, 25c each; \$2.00 per 10.
- H. V. Japan variegated.** Similar to preceding, but leaves beautifully streaked with silvery-white. Price, 4-inch pots, 50c each; \$4.00 per 10.
- ***IVY** (*Hedera*). Few plants are more serviceable in large or small gardens than this old-fashioned climber, any situation being suitable for their growth. They cling very closely to stone or brick walls, and when once established, are of rapid growth. All hardy.
- Ivy English.** Leaves thick, shining, leathery. Price, 5-inch pots, 2 to 3 feet, 50c each; \$4.00 per 10.
- I. variegated.** A variety with smaller leaves, beautifully speckled and edged silvery-white. Price, 3-inch pots, 25c each; 5-inch pots, 50c each.
- I. German.** Very suitable for hanging baskets. Price, 3-inch pots, 20c each.
- JASMINE** (*Jasminum*). Are favorites everywhere, on account of their combined beauty and fragrance. They are among the best of perfumery plants, many hundreds of acres being devoted to their culture in Italy and Southern France, for perfume making. All hardy.
- Jasmine, Catalanian or grandiflorum.** Flowers pure white, semi-double, very fragrant and sweet; perpetual bloomer. Foliage small and glossy. Best of all. Native of Northwestern Himalayan Mountains. Price, 5-inch pots, 50c each; \$4.00 per 10.
- J. fruticans** (shrubby). Flowers yellow, of shrubby growth. This more properly belongs under head of "Evergreen Trees and Shrubs." Native of Southern Europe. Price, 5-inch pots, 50c each.
- J. nudiflorum** (naked-flowered). Flowers yellow, appearing before the leaves. A well-known and most desirable climber, producing its flowers in great abundance throughout the winter months. It thrives in almost any situation, and grows with great rapidity. Native of China. Price, 2 to 3 feet, 35c each; \$3.00 per 10.
- J. poeticum.** Price, 5-inch pots, 2 to 3 feet, 50c each.
- J. revolutum.** Flowers bright yellow, very fragrant. This is a climbing shrub. Native of India. Price, 4 to 5 feet, 50c each; \$4.00 per 10.
- ***Kadzura japonica variegata.** Flowers white, small, succeeded by red berries; leaves leathery, beautifully streaked silvery-white; of fairly rapid growth. Native of Japan. Hardy. Price, 7-inch pots, 2 to 3 feet, \$1.00 each.



FICUS STIPULATA.

Mandevilla suaveolens (sweet-scented). Chili Jasmine. Flowers snowy-white; large trumpet-shaped; very sweet; free bloomer; leaves heart-shaped. A very graceful climber suited for trellis work. Native of Buenos Ayres. Hardy. Price, 4-inch pots, 35c each; \$3.00 per 10; 6-inch pots, 50c each; \$4.00 per 10.

Moonflower (*Ipomoea Bona-nox*). Flowers white, large, produced in great profusion; they open at night and close at the rising of the sun; leaves heart-shaped. A most rapid climber, covering much space in one season. Tropical America. Hardy. Price, 3-inch pots, 25c each.

Moonflower variegated. For description see Novelty List. Price, 2½ inch pots, 50 cents each.

Manettia bicolor (two-colored). Flowers flame colored, tipped bright yellow, tubular in shape; the plant is literally covered with flowers and presents a most gorgeous sight; of rapid growth and twining habit. Hardy. Native of Organ Mountains. Price, 3-inch pots, 25c each; \$2.00 per 10.

PASSIFLORA (Passion Vine). These well-known climbers are familiar to and appreciated by all; they are of rapid growth and are very attractive when covered with their large, showy, and attractive flowers. They are all hardy and of easy culture in any soil.

Passiflora cœrulea (blue-flowered). Flowers blue; fruit egg-shaped, yellow when ripe. Native of Brazil and Peru. Price, 4-inch pots, 35c each; 5-inch pots, 50c each.

P. coccinea (scarlet-flowered). Flowers scarlet. Native of British Guiana, Brazil and Peru. Price, 5-inch pots, 50c each.

P. Constance Elliot. Flowers white. Price, 4-inch pots, 35c each; 5-inch pots, 50c each.



WISTARIA.

P. edulis (edible). Granadilla. Petals of flowers white, crown whitish, violet at base; leaves lobed, shining green; fruit about the size of a hen's egg; agreeable orange flavor. A handsome and rapid climber. Native of Brazil. Price, 4-inch pots, 40c each.

P. incarnata (flesh-colored). Flesh-colored Granadilla. Fruit orange colored, about the size of an apple, with a sweetish yellow pulp. Native of Southern United States. Price, 3-inch pots, 30c each.

***Panicum variegatum.** Leaves green, striped white, tinted pink. A very decorative little plant, suitable for hanging basket or pedestal use. Price, 3-inch pots, 25c each; \$2.00 per 10.

Plumbago capensis (Cape of Good Hope). Flowers lavender color; umbel shaped, individual flowers star shaped and produced freely all the year round. Can be easily kept in bush form if so desired. A most desirable plant. Hardy. Price, 2 to 3 feet, 40c each; \$3.50 per 10.

***Philodendron pertusum.** Synonym *Monstera deliciosa* (delicious-fruited). Leaves very large, 2 feet long by 1½ feet wide, perforated and cut in a peculiar manner, glossy green; fruit white, poker-shaped, 10 to 12 inches long. A strong grower and beautiful pillar plant. In its native habitat it attains a height of 40 or 50 feet. In warmer sections this plant is hardy. Native of Mexico. Price, 4-inch pots, 35c each; 5-inch pots, 60c each; 7-inch pots, \$1.25 each.



- * **Rhynchospermum jasminoides** (Jasmine-like). China Jasmine. Flowers white, several in a cyme, small, produced in great abundance, delicious fragrance; leaves dark, glossy green; of rapid growth; a most desirable hardy climber. Native of Shanghai. Price, 3-inch pots, 25c each; 7-inch pots, \$1.50 each.
- * **R. tricolor** (three-colored). A variety with leaves beautifully marked with red and silvery-white. Price, 3-inch pots, 35c each.
- * **R. variegatum**. This variety has its leaves marked with silvery-white. Price, 3-inch pots, 35c each.
- Roses.** See Rose List.
- Smilax.** The delicate, graceful vine used so much in florists' work. Price, 15c to 25c each.
- Solanum jasminoides** (Jasmine-like). Potato Vine. Flowers small white, yellow center; rapid, hardy climber. Native of South America. Price, 20c each; \$1.50 per 10.
- S. argenteum.** Price, 2½-inch pots, 15c each; 4-inch pots, 25c each.
- S. Wendlandii.** Flowers lilac-blue; 2½ inches in diameter; bright green leaves. Variable, 2 inches to 10 inches long, 1½ inches to 4 inches broad. A superb variety from Costa Rica. Price, 4-inch pots, 50c each.
- S. Seafortianum.** Flowers white, corolla pale red or lilac, small. Native of the West Indies. Price, 25c each.
- Stephanotis floribunda** (bundle-flowered). Flowers purest white, tube shaped, borne freely in large bunches, highly fragrant; leaves rich green, leathery; hardy in a few localities. A general favorite. Native of Madagascar. Price, 3-inch pots, 50c each; 4-inch pots, 75c each; 5-inch pots, \$1.00 each.
- Tecoma jasminoides** (Jasmine-like). Flowers grow in bunches and are white, throat beautifully blotched red; trumpet-shaped; leaves dark, glossy green. A handsome climber. Hardy in some locations. Native of Australia. Price, 4-inch pots, 50c each.
- Tradescantia multicolor** (many-colored). Wandering Jew. Very pretty trailer with handsome, variegated foliage, indispensable for hanging basket and vases. Price, 3-inch pots, 20c each.
- T. zebrina.** Leaves striped with white; purplish and very downy underneath. Price, 3-inch pots, 15c each.
- Vinca variegata.** Periwinkle. Flowers light blue; leaves prettily marked yellowish. Excellent for hanging baskets, vases, for hiding banks, rock work, and does particularly well under the shade of large trees where little else will grow. Price, \$1.00 per 10.
- Vitis coignetia.** For description see Novelty List. Price, 25c each.
- Wistaria.** These beautiful, hardy, Japanese climbers we recommend for general planting; when once established, of rapid growth. The long, grape-like clusters of flowers, sometimes one and a half to two feet long, borne very profusely, appear in early spring, and are truly a grand sight. The foliage is of a pleasing green. We offer the following varieties. Natives of Japan and China.
- Double purple.** Perfectly double flowers in dense racemes. Price, 5-inch pots, 75c each.
- Multijuga, flore-pleno.** For description see Novelty List. Price, 5-inch pots, \$1.00 each.
- Purple.** Flowers pale blue. Price, 2 to 3 feet, 50c each.
- White.** Flowers pure white, in long pendulous clusters. Price, 2 to 3 feet, 50c each.

Dracænas, Bamboos, Etc.

- Agave, American.** The well-known Century Plant, leaves thick and fleshy; color artichoke-green; the plant throws up very long spikes (24 feet to 30 feet high), on which appear yellowish-white, bell-shaped flowers. The plants take years to reach maturity, or the flowering age; indeed, so slow is their progress of growth that it has led to a popular, though erroneous belief that they flower only once in a century. From this plant is made, in Mexico, "pulque" and "agnardiente," favorite drinks of the citizens of the sister republic. Price, 5-inch pots, 1 foot, 35c each; 7-inch pots, 1½ feet, 75c each.
- A. American variegated.** A variety with leaves beautifully marked golden-yellow. Price, 5-inch pots, 40c each.
- Arundinaria.** Ribbon Grass. A small-growing plant, with ribbon-like foliage. Price, 35c each.
- A. variegata.** Leaves handsomely variegated with white. Price, 25c each.
- Arundo donax variegata.** Throws up tall, bamboo-like shoots, 12 to 14 feet high; green, beautifully marked; in fact, some of the shoots are pure milky white. Indispensable in semi-tropical gardening. Native of southern Europe. Price, 50c each.
- BAMBOO (Bambusa).** These well-known plants are useful in many ways; excellent for hedges and windbreaks; they make handsome specimen plants for a lawn, giving it a tropical appearance. The canes can be utilized in various ways—for walking canes, stakes for plants, etc., and are also used extensively for decoration. They are of fast growth (when once established). There exists a misleading idea that the Bamboo does best planted in swampy places; in the tropics (where the rainfall is great) they are found growing on hillsides, where there is no standing water, but the soil is deep and rich. It will be seen, therefore, that while the Bamboo requires much water, the drainage must be good. It is not generally known that it flowers and ripens its seeds but once in a lifetime, when it has attained the age of fifty years or over.

- Bamboo falcata** (sickle-shaped). A very ornamental species, growing 20 feet high. The young shoots are of a fresh green color, while the older ones form a beautiful mass of light yellowish foliage. Native of India. Price, 4 to 5 feet, 75c each; 5 to 6 feet, \$1.00 each.
- B. Metake.** A large-leaved rather dwarf-growing variety, attains a height of 7 feet, grows erect, stems thickly tufted, but entirely covered with sheathes of the leaves. Native of Japan. Price, 4 to 5 feet, 75c each; 5 to 6 feet, \$1.00 each.
- B. viridi-striata** (striated). Leaves on both sides marked with bands,—some of a yellowish, others of a deeper green; strong grower. Native of China. Price, 4 to 5 feet, \$1.00 each.
- B. silver variegated.** A dwarf-growing variety, leaves handsomely variegated with silvery-white. Price, 5-inch pots, 75c each.



- Carex japonica variegata.** For description see Novelty List. Price, 4-inch pots, 50c each.
- Dasyilirion gracills.** Leaves long, linear shaped; drooping gracefully; very much serrated. From those leaves the flower stalks rise to a considerable height, the upper portion being crowded with a dense panicle of flowers. *Yucca*-like in appearance. Native of Mexico. Price, 6-inch pots, \$1.00 each.
- D. longifolium.** Similar to preceding, but leaves more erect, stiff and of a sea-green color. Very desirable for sub-tropical gardening. Native of Mexico. Price, balled, 2 to 3 feet, \$1.25 each.
- DRACÆNA.** This genus of palm-like plants is almost as well known on this coast as is the Blue Guin or Monterey Cypress. Dracænas are much used for avenue planting, alternated with say a *Phoenix canariensis*; or for massing with other plants on the lawn, or as single specimens. They are of the easiest culture, fast growers and require no special care.
- Dracæna australis** (southern). The Australian Ti, or Cabbage tree. Flowers white, densely crowded, sweet scented; leaves long, narrow, and rather erect; as the tree becomes old its branches, making numerous heads. Native of New Zealand. Price, 5-inch pots, 40c each; \$3.50 per 10; balled, 2 to 3 feet, 75c each; balled, 3 to 4 feet, \$1.00 each; balled, 4 to 5 feet, \$1.50 each; balled, 5 to 6 feet, \$2.00 each; boxed, 5 to 6 feet, \$3.00 each.
- D. Fosterii.** Leaves much broader, more pendulous than those of the preceding. Price, balled, 3 to 4 feet, \$1.50 each; balled, 4 to 5 feet, \$2.00 each.
- D. indivisa** (undivided). Has much narrower, longer, and more pendulous leaves than the *australis*. Is particularly fine for hall or porch decoration. Native of New Zealand. Price, 6-inch pots, 50c each; 7-inch pots, \$1.00 each; 8-inch pots, \$1.50 each.



- Fourcroya gigantea.** Flowers milk-white, appearing upon spikes 20 feet to 30 feet high; leaves dense, fleshy, and thick. Closely allied to *Agave*. Native of South America. Price, 6-inch pots, \$1.00 each.
- Pampas Grass** (*Cynerium argenteum*). Leaves long, narrow, graceful, dark green; producing silvery plumes, which, taken out of the sheath just as the tips appear, and laid out in the sun till they bleach, make handsome parlor ornaments. Native of South America. Price, medium-sized clumps, 50c each; large-sized clumps, \$1.00 each.
- P. Grass variegated.** This is a great improvement on the above, the leaves are beautifully variegated with silvery white. A superb lawn plant. Price, clumps, \$1.00 each.
- Phormium tenax variegatum.** Variegated New Zealand Flax. Flowers yellow or red on a long stalk; leaves sword-like in appearance, beautifully variegated. Price, 6-inch pots, 50c each; balled, large, 75c each.
- P. Colensoi variegatum.** Synonym *Cookianum*. Small Flax Lily. Similar to the preceding; elegantly banded at margin with one or sometimes two narrow stripes of creamy-white. Price, 6-inch pots, 50c each; balled, large, 75c each.
- YUCCA.** Various known as Adam's Needle, Spanish Bayonet, etc. They throw up long spikes, with beautiful bell-shaped flowers, and are all very highly ornamental.
- Yucca aloifolia** (*aloe-leaved*). Flowers white; stem slender, sometimes 15 to 20 feet high; leaves stiff, erect, 1 to 1½ feet long, green with a sea-green tinge, sharp reddish-brown, horn at the tip, the margins whitish and finely serrated. Adapted for windy locations. West Indies to South Carolina. Price, 6-inch pots, 75c each.
- Y. aloifolia variegata.** Leaves broadly margined with yellowish-white. Very suitable for vases. Price, 6-inch pots, 1 foot, 75c each; 1½ to 2 feet, \$1.50 each; boxed, 3 to 4 feet, \$3.00 each.
- Y. baccata** (berried). Flowers white; stem 5 feet to 6 feet long; leaves very rigid, thick, margins reddish-brown and thready; fruit purple, egg-shaped, edible. Native of Colorado. Price, balled, 1 foot, 75c each.
- Y. Whipplei.** Flowers white, greenish on outside; stem 4 feet to 12 feet high; leaves green, sea-green tinge, very dense, rigid, straight and linear; one of the most glorious. Native of California and Arizona. Price, balled, 1 to 1½ feet, 75c each.

Indoor Decorative Plants.

Under this heading we have included such plants as flourish in the parlor, hall, greenhouse, and some in protected situations out-of-doors. They are highly ornamental, and nearly all of easy culture.

- Acalypha marginata.** Leaves highly variegated with various shades of orange and red, especially in winter, when they become available for dinner-table decoration. Also a very desirable bedding plant. Native of Fiji Islands. Price, 3-inch pots, 30c each; 5-inch pots, 50c each.
- A. flittoniana.** For description see Novelty List. Price, 3-inch pots, 75c each.
- A. triumphans.** For description see Novelty List. Price, 3-inch pots, 75c each.
- Anthurium crystallinum.** Leaves ovate, heart-shaped, sharp pointed, bright, rich velvety green, principal veins elegantly banded with pure crystal white; when young, the leaves are violet color. Native of Colombia. Price, 7-inch pots, \$2.50 each.
- A. Scherzerianum.** Flamingo Flower. Spathe brilliant scarlet, six inches long by two wide; spadix orange color; borne on a reddish stalk. They remain in fine condition for a very long period. Leaves deep, rich green, of a leathery texture, 18 inches long and 2 or 3 inches wide. Native of Costa Rica. Price, 6-inch pots, \$2.50 each.
- Aralia Sieboldii.** Synonym *Fatsia japonica*. Resembles the following, except that the leaves are not variegated. Price, 6-inch pots, 75c each.
- A. Sieboldii variegata.** Flowers white, inconspicuous; leaves dark green, beautifully margined with white; fig-leaved in shape. Valuable for indoor or outside decoration. Native of Japan. Price, 6-inch pots, \$1.50 each.
- Artillery Plant** (*Pilea microphylla*). Exceedingly curious, with graceful, frond-like leaves. If water be sprinkled on the flowers when expanding, they make a loud, snapping sound. Native of Tropical America. Price, 3-inch pots, 20c each; 4-inch pots, 25c each.
- Aspidistra iurida.** Useful foliage plant, with dark green, long leaves; produces odd-looking purplish flowers, just above-ground. Requires an abundance of water. Native of China. Price, 5-inch pots, 50c each.
- A. iurida variegata.** Similar to the foregoing variety, except that the leaves are broadly margined and striped with white. Price, 5-inch pots, 75c each.
- Banana, Abyssinian.** See *Musa Ensete*.
- BEGONIAS.** We have a fine assortment of these old, favorite house-blooming plants, including the Rex varieties, which are so desirable on account of their rich, dark purple, silvery foliage.
- Begonia, argenta guttata.** Flowers white, appearing on the end of the tips of the stems; leaves shield-shaped, purple-bronze, beautifully blotched silvery white. Price, 3-inch pots, 25c each; 4-inch pots, 40c each.
- B. diadema.** Is a distinct and comparatively new variety; the leaf is large and deeply lobed; color rich olive-green, handsomely spotted with silver. Price, 3-inch pots, 25c each; 4-inch pots, 50c each.
- B. nitida alba.** A strong-growing, profuse-blooming variety, producing immense panicles of pure white flowers. Price, 3-inch pots, 25c each; 5-inch pots, 40c each.



Begonias. *Rex*, assorted. Price, 3-inch pots, 25c each; 4-inch pots, 50c each; 5-inch pots, 75c each.

B. rubra. One of the finest begonias in cultivation. Its dark, glossy green leaves, combined with its free-flowering habit, make it one of the very best plants for house decoration; flowers scarlet-rose.

Price, 3-inch pots, 25c each; 5-inch pots, 50c each.



ASPIDISTRA LURIDA.

B. speculata. Leaves are shaped like a grape-leaf, of a bright green color, background chocolate; veins of a light pea-green color, the whole leaf spotted with silver. The blooms are magnificent; the panicles, composed of great numbers of individual pink blooms, are lifted high above the foliage. Price, 3-inch pots, 25c each; 4-inch pots, 40c each.

B. Vernon. Foliage rich, glossy green, often shaded deep bronze; flowers pink. Is of unusual excellence as a bedding sort. Price, 4-inch pots, 30c each; 5-inch pots, 50c each.

B. Weltoniensis. Flowers pink, produced in great profusion. Price, 35c each.

B. Weltsteini. Foliage very ornamental, being peculiarly indented, a lovely shaded color, dark marbled green, shading lighter, with a line of scarlet at edge of leaf; flowers similar to those of *Rubra*. Price, 3-inch pots, 25c each; 4-inch pots, 50c each.

Caladium. Fancy Leaved. Small, neatly grown specimens make beautiful objects for table decoration. They have most wonderful looking leaves; they are shield-shaped and come in the most gorgeous, and some would say unnatural colors. They require a warm, moist atmosphere, and towards autumn, as the foliage begins to fade, the supply of water should be lessened, until all the leaves die down; the pots should then be placed under the bench, where they can be looked to once in a while. Price, 3-inch pots, 30c each; 5-inch pots, 50c each.

CROTONS. This class includes some of the most beautiful of greenhouse plants. The leaves are curiously variegated with white, yellow, red, pink, etc., and of most curious shapes. Especially useful for table decoration. These plants are now known as *Codiaeum*. The following varieties are most desirable, and form a fine assortment.

Croton chrysophyllum. Leaves small, yellowish. Price, 5-inch pots, 50c each.

C. inimitabilis. Leaves very long, lance-shaped, midrib red, banded yellow; margin edged red. Price, 5-inch pots, 50c each.

C. interreptum. Leaves linear lance-shaped, tapering at the base, sharp at point, sometimes twisted spirally below the middle, winding in and out at margin; upper surface dark purplish-green, midrib crimson, under surface purplish. Price, 3-inch pots, 30c each; 5-inch pots, 50c each.

C. Lowii. Leaves oblong, green, midrib and veins golden-yellow, slightly marked red. Price, 4-inch pots, 75c each.

C. Makogannum. Leaves oblong; midrib yellow, veins yellow-red. Price, 4-inch pots, 50c each.

C. Veitchii. Leaves oblong, rounded at the base, about 12 inches long, margins pink, upper surface shining green, midrib and veins bright pink, lower surface claret colored. Price, 4-inch pots, 50c each; 5-inch pots, 75c each.

Curculigo recurvata (recurved). Flowers yellow, appearing in tufts at foot of stem; leaves long, broad, spreading, beautifully recurved, dark green, throwing up many young shoots. A palm-like plant much resembling a young cocoanut palm. Very decorative. Native of East Indies. Price, 5-inch pots, 75c each; \$6.00 per 10; 6-inch pots, \$1.00 each; \$8.00 per 10.

Cyperus alternifolius. Umbrella Plant. A very desirable house plant, bearing upon erect, jointless stems a crown of long, narrow leaves, resembling in shape a small umbrella. Of very easy culture. Requires an abundance of water. Native of Australia. Price, 4-inch pots, 25c each; \$2.00 per 10; 6-inch pots, 50c each; \$4.00 per 10; 7-inch pots, 75c each; \$6.00 per 10.

C. alternifolius variegatus. A very pleasing form of the preceding. Stems and leaves elegantly streaked with white, sometimes wholly white. Price, 4-inch pots, 50c each.

DRACÆNA (Cordyline). Valuable foliage plants of stately habit, with upright, spreading or recurved broad, rich leaves, which in most cases are banded or striped with red, purple or silvery-white. (Outdoor Dracenas under separate heading. See Index.)

D. brasiliensis. Wide green leaves. Price, 5-inch pots, 50c each.

D. imperialis. Leaves of an erect, arching habit, oblong, sharp pointed, 1½ to 2 feet long by 3 to 4 inches wide, deep green, rayed all over with bright crimson, or pale pink in the young leaves. The foliage is very leathery and has a peculiar metallic hue which contrasts well with the crimson variegation. Price, 4-inch pots, 50c each.



FICUS ELASTICA.



Dracæna Lindenii. Leaves green, broadly banded with milky-white; gracefully arched. A choice and beautiful sort. Price, 50c to 75c each.

D. marginata. Leaves broad, green, margined, silvery-white. Price, 40c to 60c each.

D. terminalis. Leaves tapering at each end, color dark or brownish-green, with red variegation. Used largely for decoration purposes. Native of South Sea Islands. Price, 50c to \$1.00 each.

D. terminalis rosea. Foliage green, marked with pink, white, and carmine. Price, 50c to \$1.00 each.

D. rubra. Rich red foliage. Price, 50c to \$1.00 each.

Doryanthes excelsa (tall). Flowers very brilliant scarlet, each as large as the common white Lily, disposed in a round head at the top of the bracteate stem, which is 8 feet to 16 feet high; leaves numerous, long, lance-shaped. Native of New South Wales. Price, 5-inch pots, 75c each.

Euphorbia splendens (splendid). Produces small, waxy, scarlet flowers, appearing in twos, then in fours, and lastly in eights, produced very freely, covering the plant; the stems are very thorny. Native of Bourbon. Price, 3-inch pots, 35c each; 4-inch pots, 50c each; 6-inch pots, \$1.00 each.

Farfugium grande. See *Ligularia*.

Ficus Chauvieri. Leaves very dark, shining green, with pale yellow veins, having one or more large marginal undulations. A noble species. Price, 5-inch pots, 1 foot, \$1.00 each; 6-inch pots, 1½ feet, \$1.50 each.

F. elastica. Leaves rich green, broad, leathery, very large; when opening they are of a lovely pink color. For parlor decoration this is unsurpassed. Hardy in some localities on this coast. The true Rubber Tree of Upper India. Price, 5-inch pots, 1 foot, \$1.00 each; 6-inch pots, 1½ feet, \$1.50 each.

F. elastica belgica. This variety has long, narrow leaves. Price, 4-inch pots, \$1.00 each; 6-inch pots, \$2.00 each.

F. elastica variegata. Similar to the *elastica*, but the leaves are beautifully variegated. Price, 4-inch pots, 1 foot, \$1.50 each; 6-inch pots, 2 feet, \$2.50 each.

F. Parcelli. Leaves beautifully variegated creamy-white. Price, 4-inch pots, \$1.00 each; 5-inch pots, \$2.00 each.

Fittonia tricolor (three-colored). A pretty plant, of creeping habit; beautifully striped with red, yellow, and white. Native of Peru. Price, 4-inch pots, 35c each; 5-inch pots, 50c each.



PANDANUS VEITCHII.

Ligularia Kämpferi aurea—maculata. Synonym *Farfugium grande*. Leopard Plant. Leaves large, heart-shaped, irregularly blotched with yellow; is popular and successful as a house plant. Native of Japan. Price, 3-inch pots, 25c each.

L. Kämpferi alba. The leaves of this variety are margined with white. Price, 3-inch pots, 50c each.

Maranta zebra. Zebra Plant. Leaves velvety, light green, beautiful, barred with greenish-purple; under side dull purple. Native of Tropical America. Price, 4-inch pots, 50c each; 5-inch pots, \$1.00 each.

Musa Ensete. Abyssinian Banana. One of the grandest plants for semi-tropical gardening. Protected from winds, given plenty of water and nourishment, it will in one season grow 12 feet high. Produces seed when about four or five years old, which terminates its existence. Price, 5-inch pots, 50c each; 8-inch pots, \$1.00 each; 10-inch pots, \$1.50 each; boxed, \$2.00 each.

Pandanus gracilis (slender). A dwarf-growing sort; graceful and pretty; when old, throws out numerous tufted spikes. Price, 4-inch pots, 35c each.

P. utilis (useful). Screw Pine. Leaves green; spines pink. Makes a peculiar growth in spiral form. Native of Madagascar. Price, 6-inch pots, \$1.00 each; 7-inch pots, \$1.50 each.

P. Veitchii. Leaves bright green, beautifully marked with pure white, broad stripes, some wholly white; gracefully curved, and of luxuriant aspect. A superb decorative plant. Native of Polynesia. Price, 5-inch pots, \$1.00 each; 6-inch pots, \$1.50 each; 7-inch pots, \$2.00 each.

Peristrophe salicifolia aurea (golden willow-leaved). A creeping, twiggly plant; good for hanging baskets and for greenhouse decoration. Price, 3 inch pots, 25c each.

Plumeria alba. The famous "Frangipani" of the West Indies. Flowers white, deliciously fragrant, combining the odor of the orange, jessamine, the tuberose, and the gardenia; leaves few, and of a fresh green color; thick, fleshy shoots. In warmer sections succeeds out-of-doors. Price, 6-inch pots, \$1.50 each.

Hibiscus Cooperii tricolor. An exceedingly pretty green house plant; leaves three colored. Price, 3-inch pots, 25c each; 4-inch pots, 35c each; 5-inch pots, 50c each.

Hibiscus Double and Single Scarlet. Exceedingly showy plants, producing their flowers in great abundance. Hardy in protected places. Price, 1 to 1½ feet, 35c each.

Isolepis gracilis (slender). A pretty, grass-like plant, valuable for hanging baskets and decorating the edge of benches in greenhouses. Price, 3-inch pots, 20c each; \$1.50 per 10.

Justicia coccinea (scarlet-flowered). A rapid-growing plant, producing spikes of beautiful scarlet flowers. Native of South America. Price, 3-inch pots, 25c each; 4-inch pots, 40c each.

Poinsettia pulcherrima (pretty). Bears great clusters of brilliant scarlet flowers, remains in bloom a long time; excellent for cut flower purposes. Native of Mexico. Price, 4-inch pots, 25c each; 5 inch pots, 50c each; 6 inch pots, 75c each.

Rubber Tree. See Ficus.

Sanchezia nobilis (noble). Leaves broad, lance-shaped, beautifully veined and marked with golden-yellow. A noble ornament for parlor or greenhouse. Native of Ecuador. Price, 4-inch pots, 35c each; 5-inch pots, 50c each; 6-inch pots, 75c each.

Sansevieria zeylanica (Cingalese). Bowstring Hemp. Leaves long, agave-shaped, marbled white. As a fiber plant this has been known and prized in India, from remote ages, under the name of *Murva*. It is extensively cultivated in Ceylon, India, and the West Indies, where it grows to a height of five or six feet. Price, 3 inch pots, 25c each; 4 inch pots, 50c each.

Strelitzia Reginae (Queen's). Bird of Paradise Flower. This plant produces large, gorgeous colored flowers, of orange and purple, in great profusion, on the end of a long spike; resembles the head and beak of the Bird of Paradise; leaves banana-like. Native of S. Africa. Price, 6-inch pots, \$1.00 each; 8 inch pots, \$2.00 each.

Tillandsia. Air Plant. A very large genus of ornamental plants of the easiest culture, requiring only to be attached to a block of wood. Price, 5 inch pots, 75c each.

Umbrella Plant. See Cyperus.

Palms.

We in California are favored more than others in being able successfully to grow so many varieties of palms out-of-doors the whole year round. Here can be seen in happy fellowship natives of the tropics side by side with their cousins of the colder regions. Other palms, less hardy, seek protection in the lee of some tree of the north, in this very dependence showing the sympathy and comfort arboreal Nature's subjects get from one another.

All those beautiful trees combined give a most pleasing and varied aspect to our home landscapes, a source of wonder and pleasure to our eastern visitors.

The planting of Palms for sidewalk or avenue, or beautifying of our various home places, has been extensively gone into on this coast in the past, and this beautifying is, we are pleased to say, noticeably on the increase, and the time is not far away in the future when California, in



JAPAN FAN PALM (*Chameroops excelsa*).

particular, shall have deservedly earned the title of "The Palm State"

There are a number of varieties of palms which we offer that are not hardy, but are eminently suited for hall, parlor, or dinner-table decoration. They are the best class of plants for such purposes. Happily, those sorts that thrive with ordinary treatment are among the handsomest and most desirable. Palms are gradually taking the place of flowering plants for house decoration.

A regular but not excessive supply of water, and a fair light, are all that Palms demand during the cool season. In summer a more liberal watering is required; a daily syringing of the leaves is good for the plants. But in winter once a week is sufficiently often to water. Our assortment of Palms has no equal this side of the Rocky Mountains in variety, quality, and beauty. Below will be found a descriptive list of such varieties as we grow. There are two sections, viz., the fan leaved and the pinnate or feathery leaved varieties.

ARECA. The several specimens are very ornamental, and all well suited for house culture. All belong to the pinnate (feather-shaped) leaved class.

Areca Baueri. Leaves long and arched, dark green; rib of stem black. Native of Norfolk Island. Price, 5-inch pots, 75c each; 6-inch pots, \$1.00 each; 18-inch boxes, 10 feet, \$50 each.

A. lutescens (yellowish). Leaves long, arched, and very feathery, sending up numerous delicate shoots; color yellowish green. A choice and noble palm for table decoration. Native of Mauritius. Price, 4 inch pots, 1½ feet, 75c each; \$6.00 per 10; 5-inch pots, 2 feet, \$2.00 each. 6-inch pots, 2½ feet, \$2.25 each.

A. monostaycha. Walking-stick Palm. So called because of its stem rarely exceeding the thickness of one's thumb. Leaves drooping, dark green. Native of Tropical Australia. Price, 5-inch pots, \$1.50 each.



- Areca sapida** (savoury). This is somewhat similar to the *Baueri*, excepting that it is of slower growth and more squatly in appearance. Native of New Zealand. Price, 6-inch pots, 2 feet, \$2.00 each.
- California Fan Palm.** See *Pritchardia filamentosa*.
- Chamærops excelsa** (tall). Japan Fan Palm. Leaves fan-shaped, divided in many segments, dark green, densely produced; stems of leaves unarmed; trunk fibrous. Very hardy; rapid grower. Native of Southern China and Japan. Price, 4-inch pots, 25c each; \$2.00 per 10; 6-inch pots, 50c each; \$4.00 per 10; 8-inch pots, \$1.00 each; \$8.00 per 10; balled, 1½ feet, 50c each; \$4.00 per 10; balled, 2½ feet, \$1.00 each; \$8.00 per 10; balled, 3 feet, \$1.50 each; \$12 per 10; 18x18-inch box, 5 to 6 feet, \$8.00 each; 20x20-inch box, 6 to 7 feet, \$12 each.
- C. humilis** (dwarf). Leaves fan-shaped, sea-green on both sides; stems of leaves armed with sharp spines. Very hardy; of slow growth. A grand lawn palm, especially for small places. Native of Southern Europe and North Africa. Price, 6-inch pots, 1 to 1½ feet, \$1.00 each; \$8.00 per 10; 7-inch pots, 1½ to 2 feet, \$1.50 each; boxed, 2 feet, \$2.50 each; 24x24-inch box, 6 to 7 feet, \$25 each.
- C. nepalensis** (Nepal). Of very stiff habit, slow growth. Price, 6-inch pots, 1½ feet, \$1.00 each.
- Cocos australis** (southern). Leaves feather-shaped, beautifully arched, sea-green. Of slow growth. Hardy. Native of Paraguay. Price, 10x10-inch box, 1½ to 2 feet, \$5.00 each; 16 inch tubs, 2½ to 3 feet, \$8.00 each.
- C. plumosa** (feathery). Leaves feather-shaped. A rare and decorative house species from Brazil. Hardy out-of-doors in Santa Barbara, where it grows to be a beautiful specimen. Price, 5-inch pots, 2 to 3 feet, \$1.50 each; 7-inch pots, 5 to 6 feet, \$4.00 each.
- C. Weddelliana.** Leaves mediumly long, delicate, arched and very feathery; stem slender, clothed with a quantity of black, netted fibers. This is probably the most elegant small house palm ever introduced, and one that should be in every collection. Native of Brazil. Price, 4-inch pots, \$1.00 each.



ONE OF OUR PALM HOUSES.

- Corypha australis** (southern). Synonym *Livistona australis*. Leaves fan-shaped, circular, divided into many segments, dark green; stems 15 feet to 18 feet long (in old plants), armed with stout spines. Hardy in some locations; one of the best and hardiest for house culture. Native of Eastern Australia. Price, 4-inch pots, 1 foot, 50c each; \$4.00 per 10; 5-inch pots, 1½ feet, \$1. each; \$6.00 per 10; 6-inch pots, 2 feet, \$1.25 each; 7-inch pots, 2½ to 3 feet, \$1.75 each; 20x20-inch box, 5 to 6 feet, \$20 each.
- Cycas circinalis** (crook-leaved). Leaves feather-shaped, arched, 10 feet long; leaflets very numerous, 1 foot long; small spines; dark green on upper, paler on under side. Native of East Indies. Price, 6-inch pots, 1½ to 2 feet, \$2.00 each.
- C. revoluta** (rolled back). Sago Palm. Cylindrical stems, terminating in a crown of handsome, deeply-cut, feather-shaped leaves of thick, leathery texture. Perfectly hardy; very useful for porch decoration. Leaves much used for decoration and florist work. Native of China and Japan. Price, 5-inch pots, 1 foot, 75c each; 6-inch pots, 1½ feet, \$1.00 each; 8-inch pots, 3 feet, \$2.00 each, (height given includes leaves); 16-inch pots, 2½-foot trunk, \$15 each; 16-inch pots, 3-foot trunk, \$20 each.
- Date Palm.** See *Phoenix*.
- Erythea armata** (armed). Blue Palm. Leaves fan-shaped, sea-green in color; stalks armed with spines; a most beautiful and distinct hardy palm from Lower California. Of slow growth. Price, 4-inch pots, 1 foot, \$1.00 each; boxed, 2½ feet, \$3.00 each; boxed, 3 feet, \$4.00 each.
- E. edulis** (edible). Synonym *Brahea Edulis*. Leaves fan-shaped, of massive appearance, divided into many segments, deep green. A grand palm, very hardy, makes excellent pot plants. Native of Guadalupe Island. Price, 4-inch pots, 1 foot, 75c each; \$6.00 per 10; 5-inch pots, 1½ to 2 feet, \$1.50 each.

KENTIA. These are of a robust and distinct character, well furnished with gracefully recurved feather-shaped leaves; they are among the handsomest of house palms and endure considerable rough usage. Have been planted out-of-doors in Santa Barbara recently, and appear to thrive well if given partial shade. Natives of Lord Howe's Island, excepting *Macarthurii*, which comes from New Guinea.



AVENUE OF CALIFORNIA PALMS (*Pritchardia filamentosa*).

Kentia Belmoreana. Curly Palm. Leaves long and very much arched. One of the most useful species for decorative purposes. Price, 4-inch pots, 8 to 12 inches, \$1.00 each; 5-inch pots, 1 to 1½ feet, \$2.00 each.

K. Canterburyana. Similar to *K. Belmoreana*, but of slower and stockier growth. An elegant palm. Price, 4-inch pots, 1 foot, \$1.00 each; 6-inch pots, 1½ feet, \$1.50 each.



- Kentia Fosteriana** (Flat or Thatch-Leaf Palm). Also resembles *K. Belmoreana*, but the leaves are not arched so much and is of larger growth. Price, 4-inch pots, 1 foot, \$1.00 each; 5 or 6 inch pots, 1½ feet to 2½ feet, \$2.00 each.
- K. Macurthurii**. A variety of more recent introduction. The midrib has a reddish tinge, otherwise similar to the preceding. Price, 6-inch pots, 1½ to 2 feet, \$2.50 each.
- Latania Borbonica**. Synonym *Livistona chinensis*. Leaves very large, fan-shaped, beautifully recurved, rich green; stems long, armed with spines. Of rapid growth, showing early its characteristic habit. An excellent palm for house and veranda decoration. Hardy in Santa Barbara, where it requires partial shade. Native of South China. Price, 5-inch pots, 1 to 1½ feet, \$1.50 each; 6-inch pots, 1½ to 2 feet, \$2.00 each; 24x24-inch box, 7 to 8 feet, \$60 each.
- Macrozamia elegantissima** (elegant). Leaves long, feathery, graceful, appearing on a cylindrical stem. A plant of great beauty. Price, 24x24-inch box, 5 feet, \$50 each.
- Phoenix canariensis**. Canary Island Palm. Leaves long, arched, and feather-shaped, beautiful dark green. Of very rapid growth, attaining a great height in a few years. A variety of the "Date," but more ornamental. For lawn or avenue planting unsurpassed. Price, 4-inch pots, 1 foot, 25c each; \$2.00 per 10; 5-inch pots, 1½ feet, 50c each; \$4.00 per 10; 6-inch pots, 2 feet, \$1.00 each; \$8.00 per 10; 10-inch pots, 3 to 4 feet, \$3.00 each; \$25 per 10; 12-inch pots, 4 to 4½ feet, \$3.50 each; \$30 per 10; 16x16-inch box, 2 to 2½ feet, \$2.00 each; \$18 per 10; 20x20-inch box, 5 to 7 feet, \$8.00 to \$12 each; 18x18-inch box, 12 to 15 feet, \$25 each.
- P. dactylifera** (date-bearing). Somewhat similar to the preceding, but of slower growth, and more glaucous in appearance. This is the palm from which the date of commerce is obtained, and as it does so well in Southern California and Arizona, it should be extensively planted in those parts. Price, 10-inch pots, 2 to 3 feet, \$2.50 each.
- P. reclinata** (reclining). Another variety of the "Date." Leaves gracefully recurving edgewise, bright orange color at base; rather tender, but hardy in some locations; grown in pots or tubs for house decoration makes a most beautiful and graceful palm. Native of Southern Africa. Price, 6-inch pots, 1 to 1½ feet, \$1.25 each; \$8.00 per 10; 7-inch pots, 1½ to 2 feet, \$1.50 each; \$12 per 10; 12-inch pots, 2 to 3 feet, \$3.00 each.
- P. sylvestris** (sylvan). The Wild Date. Leaves long, arched, beautifully lined with silver. A very hardy and rapid-growing variety. In India large quantities of sugar are manufactured from the sap of this palm. Native of India. Price, 7-inch pots, 1½ to 2 feet, \$1.50 each.
- P. tenius** (narrow). A recent but very elegant addition to the family; it resembles *P. Canariensis* in general appearance, but is more slender and finer in all its parts. Perfectly hardy. Habitat unknown. Price, 7-inch pots, 1½ to 2 feet, \$1.50 each; \$12 per 10.
- Pritchardia filamentosa** (thread-bearing). Synonym *Washingtonia filifera*. California Fan Palm. Our own well-known native, of erect, rapid growth, with immense fan-shaped leaves of light green color, having quantities of hair-like filaments woven around and between the leaves, especially noticeable when young; stems long, armed with spines. A grand palm for planting along avenues. Price, 5-inch pots, 12 to 15 inches, 25c each; \$2.00 per 10; 6-inch pots, 1½ feet, 50c each; \$4.00 per 10; 8-inch pots, 1½ to 2 feet, \$1.00 each; boxed, 2 to 3 feet, \$1.25 each; \$10 per 10; balled, 1 to 1½ feet, 25c each; \$2.00 per 10; balled, 1½ to 2½ feet, 75c each; \$6.00 per 10; balled, 2½ to 3 feet, \$1.25 each; \$10 per 10; balled, 3 to 4 feet, \$2.00 each; \$18 per 10.
- P. Martii**. Leaves fan-shaped, plaited, dark green; stems smooth, unarmed, inclosed at base in a few rough brown fibers. A beautiful house species of recent introduction, quite distinct from *P. Pacifica*, the stems of which are clothed with a downy matter. Native of Sandwich Islands. Price, 15-inch pots, 4 feet, \$15 each.
- Rhaphis flabelliformis** (fan-leaved). Leaves eight to twelve fingered, borne at the end of upright, reed-like stems, 7 feet to 8 feet high, which are clothed with a fibrous matter. It suckers from the root like a bamboo, and in time forms a dense clump of canes. Used mostly for house decoration, although hardy in warmer sections. Native of China and Japan. Price, 6-inch pots, 1 to 2 feet, 75c each; 8-inch pots, 2 to 2½ feet, \$1.50 each.
- R. flabelliformis variegatis**. A form of the preceding in which the leaf-segments are more or less freely striped with white. Price, 5-inch pots, 1 foot, \$1.00 each; 6-inch pots, 1 to 1½ feet, \$1.50 each; 7-inch pots, 1½ to 2½ feet, \$2.50 each.
- Ptychosperma Alexandræ**. Leaves feather-shaped, beautifully arched, quite red when young, but light green (with a silvery-tinge underneath) when older. Resembles *Seafortia Elegans*, but attains a larger size. Hardy in Santa Barbara. Native of Queensland. Price, 7-inch pots, 1½ to 2 feet, \$2.00 each; 9-inch pots, 5 feet, \$5.00 each.
- Sabal Adansonii**. Dwarf Palmetto. Leaves fan-shaped; divisions twenty to thirty, slightly threaded, sea-green in color; stems stout, concave, smooth edged; trunk short, buried in the earth. Hardy. Native of Southern United States. Price, 5-inch pots, 9 to 12 inches, 50c each.
- S. Blackburniana**. Of the same nature as the preceding; of slow growth. One of the handsomest of the *Sabals*, and well suited to sub-tropical gardening or greenhouse decoration. Native of Bermuda. Price, 6-inch pots, 1½ feet, 75c each; \$6.00 per 10.
- Seafortia elegans**. Synonym *Ptychosperma Cunninghamiana*. Hllawarra Palm. Leaves feather-shaped, divisions narrow, dark green. Most graceful of house palms. Hardy in Santa Barbara. Apart from the elegance of its foliage and the slenderness and smoothness of its trunk, the flowering of this palm is one of the most beautiful things to see; the bunches hanging down look like an immense marabout, of a delicate pink color, succeeded by round berries which change to bright red when approaching maturity. Native of South Eastern Australia. Price, 4-inch pots, 1 to 1½ feet, 50c each; \$4.00 per 10; 5-inch pots, 1½ feet, 75c each; \$6.00 per 10; 6-inch pots, 1½ to 2 feet, \$1.75 each; \$8.00 per 10; 8-inch pots, 2 to 2½ feet, \$2.00 each; 8-inch pots, 2½ to 3 feet, \$3.00 each.



Thrinax argentea (silvery). Leaves fan-shaped, circular, color green, with golden tinge at center. Native of West Indies. Price, 8-inch pot, 2 to 3 feet, \$10 each.

Washingtonia sonorea. For description see Novelty List. Price, 5-inch pots, 1½ feet, \$1.00 each.

Zamia integrifolia (entire-leafleted). Jamaica Sago Palm. Leaves spreading, smooth; leaflets seven to sixteen on each side; stems unarmed. Trunk short. Native of S. United States. Price, 6-inch pots, 1½ to 2 feet, \$2.00 each.

Ferns and Lycopods.

What more pleasing than a few beautiful growing ferns in your dining room, parlor or hall? They impart cheer and happiness where otherwise gloom and weariness might prevail. Their presence lifts the thoughts up from brooding over life's ills to glory in the woods, brooks and hillsides. Since the issue of our last catalogue we have added quite a number of varieties to our already large collection; the increasing demand for ferns has warranted this. We would suggest the planting of the hardier sorts in the shade of large trees, where nothing else will grow.

ADIANTUM. Maiden Hair Fern.

Adiantum amabile (lovely). Closely allied to *A. cuneatum*. Price, 2½-inch pots, 25c each; 3-inch pots, 40c each.

A. capulus-veneris. Venus' Hair. Very hardy. Native of Great Britain. Price, 3-inch pots, 25c each.

A. concinnum latum. A most excellent variety for hanging baskets and the rockery. Of erect growth and robust habit. Native of Tropical America. Price 5-inch pots, \$1.00 each.

A. cuneatum (wedge-shaped). This variety is better known and more widely grown than any other fern. It is one of the most graceful of ferns; much used for cut flower work. If grown in a sitting room, care must be taken that they are not exposed to gas, as they are very susceptible in this respect. Air them for a short time every morning when the weather permits; never allow to be exposed to the hot sun. Watering is a most important factor; during the summer months water every day; as the weather becomes cooler, you will reduce this, and be guided by the requirements of the plants. Once inured to the atmosphere of a room, they will succeed without any particular attention. Native of Brazil. Price, 4-inch pots, 25c each; \$2.00 per 10; 5-inch pots, 40c each; \$3.50 per 10; 6-inch pots, 60c each; \$5.00 per 10; 7-inch pots, \$1.00 each.



ADIANTUM FARLEYENSE.

A. decorum (decorous). Native of Peru. Price, 3-inch pots, 25c each; 4-inch pots, 50c each.

A. Farleyense. Fronds broad, pendulous, deeply fringed, crispy; young growth has a beautiful pinkish appearance. Grandest of all the *Adiantums*; requires stove treatment or warm greenhouse. Native of Barbadoes. Price, 4-inch pots, 50c each; \$4.00 per 10; 5-inch pots, \$1.00 each; \$8.00 per 10; 6-inch pots, \$1.50 each; \$12 per 10; 7-inch pots, \$2.50 each; \$20 per 10.

A. gracillimum (most graceful). Fronds very light and graceful; the very numerous minute segments impart, to a well-grown plant, a very charming appearance. Requires the same treatment as *A. cuneatum*. Price, 4-inch pots, 50c each; 5-inch pots, \$1.00 each.

A. macrophyllum (long-leaved). A grand species from Tropical America. Price, 5-inch pots, \$1.50 each.

A. peruvianum (Peruvian). This is one of the finest of the large growing sorts. Price, 5 inch pots, \$1.50 each.

A. pubescens (downy). Native of the Tropics of the Old World. Price, 3-inch pots, 35c each.

A. pulverulentum (covered with powder). From the West Indies. Price, 4-inch pots, 40c each; 5-inch pots, 60c each.

A. tenerum (tender). Fronds one to three feet long, with ebony-black stems, the younger growth tinged with dark red. Closely resembles *A. farleyense*. Native of Mexico. Price, 3-inch pots, 25c each; 4-inch pots, 50c each.

A. Williamsii. Fronds long and arched; strong grower. When young the fronds are dusted with a yellow substance. A grand variety. Native of Peru. Price, 3-inch pots, 35c each; 6-inch pots, \$1.50 each; 5-inch pots, \$1.00 each.



- Alsophila australis** (southern). A magnificent delicate-leaved variety, leaves drooping, of gigantic size. One of the largest of the Australian tree ferns. Price, 10-inch pots, 1½ feet, \$4.00 each; 12 inch pots, 2½ feet, \$6.00 each.
- Aspidium falcatum** (hooked). Fronds upright, broad and curiously formed. A very unique and handsome fern from Japan. Price, 5-inch pots, 50c each.
- Asplenium bulbiferum** (bulb-bearing). Fronds very long and arched; pinnules very fine; they bear numerous small plants on the fronds, which give it a very odd appearance. Very strong grower and of the easiest culture. Native of New Zealand. Price, 3-inch pots, 25c each; \$2.00 per 10; 4-inch pots, 35c each; \$3.00 per 10; 8-inch pots, \$1.00 each; 10-inch pots, \$2.00 each.
- A. lucidum** (shining). Fronds often two feet long, numerous pinnæ on each side. Price, 5 inch pots, 50c each.
- A. Nidus-avis.** Bird's Nest Fern. Fronds undivided, 2 feet to 4 feet long, broad lanceolate; growing very close and upright. On looking down upon the young fronds, just forming (which are covered with a hairy substance), it appears like a bird's nest. A most beautiful sort. Native of India. Price, 6-inch pots, \$1.50 each; 7-inch pots, \$2.50 each; 10-inch pots, \$6.00 each.
- Blechnum brasiliense** (Brazilian). Fronds beautifully arched, feathery in appearance, when opening are of a pretty pinkish color, turning to dark green with age. A dwarf-growing tree fern from Brazil. Price, 5-inch pots, \$1.00 each; boxed, 6 to 7 feet, \$20 each.
- B. occidentale** (western). Another fine variety from the West Indies. Price, 4-inch pots, 25c each.
- Bird's Nest Fern.** See *Asplenium Nidus-avis*.
- Cyathea medullaris** (pithy). A beautiful tree fern from New Zealand. Price, 2 to 3 feet, \$1.75 each; boxed, 4 to 5 feet, \$15 each.
- Davallia canariensis** (Canaries). Hares-foot fern. This fern derives its popular name from the peculiar form of its root stalk, which curves over the side of the pot in which it grows, and is covered with short brown hair. Price, 4-inch pots, 40c each.
- British Tassel Fern.** Price, 3-inch pots, 50c each.
- Dicksonia antarctica.** Fronds large, leathery, very finely cut, forming a beautiful crown. Stands a light frost. Perhaps the most admired of all the tree ferns. Native of Australia. Price, 8-inch pots, 1½ to 2 feet, \$8.00 each; 4 to 5 feet, \$25 each; boxed, 6 to 7 feet, \$40 each; boxed, 9-foot stems, \$50 each.



ADIANTUM CUNEATUM.

- Lastrea aristata variegata.** Fronds 1 foot or more long, with a linear-oblong pinna 4 inches to 6 inches long, beautifully variegated. Price, 4-inch pots, 50c each.
- L. lipidata.** Price, 3-inch pots, 50c each.
- L. mambranifolia.** Price, 4-inch pots, 75c each.
- L. opaca.** Price, 3-inch pots, 35c each; 4-inch pots, 50c each.
- Gymnogramme peruviana** (Peruvian). Price, 7-inch pots, \$1.50 each.
- Lycopodium denticulata.** A beautiful moss-like plant; very pretty on the dinner table or for filling jardinières. Price, 3-inch pots, 20c each.
- L. denticulata aurea.** Resembles the preceding, but has a beautiful golden tinge. Price, 3-inch pots, 25c each.
- Microlepia hirta cristata.** Price, 4-inch pots, 50c each; 5-inch pots, 75c each.
- Nephrolepis ensifolia.** Price, 3-inch pots, 30c each.
- N. davallioides furcans** (forked). A beautiful and distinct crested variety, of robust growth, sending forth numerous arching fronds from 3 feet to 4 feet long. Price, 5-inch pots, \$1.00 each.
- N. exaltata plumosa.** For description see Novelty List. Price, 3-inch pots, \$1.00 each.
- Onychium japonicum** (Japanese). Useful fern for table decoration, its light, graceful fronds showing to perfection when so utilized. Price, 3-inch pots, 35c each; 4-inch pots, 50c each.
- Platycerium alicorne** (Elks' Horn). Elks' Horn Fern. A peculiar-looking fern; grows on a block of wood; leaves shape of stags' horn, of a sea-green color on top, silvery underneath, appearing from a yellow, leathery-looking substance. Temperate Australia. Price, 50c, \$1.00, to \$2.50 each.
- Polystichum angulare.** The Lace Fern. Fronds pendulous; beautiful lacc-like pinnæ. Price, 3-inch pots, 35c each; 4-inch pots, 50c each.
- PTERIS.** The old Greek name for a fern.
- Pteris adiantioides.** Price, 3-inch pots, 25c each; 4-inch pots, 40c each.
- P. argyræa** (silvery). Fronds sometimes 3 feet long, having a broad band of silvery-white down the center. An exceedingly useful variety, of strong growth and habit. Price, 3-inch pots, 25c each; 4-inch pots, 50c each.
- P. cretica** (Candian). Price, 3-inch pots, 25c each; \$2.00 per 10.



SUNSET.



ROSES



IT was claimed by Catullus, the ancient, that the original rose was white and that it first blushed red out of shame for having wounded the feet of Venus. The phrase "sub rosa," in common use at the present day, was the emblem of secrecy used by the Romans, who, at the height of the Empire's glory, strewed their streets and banquet halls with the scented petals, and laved themselves in rose-perfumed waters.

In song and poetry the rose has been enthroned in the heart of the people these thousand years, and to-day the loyal heart of flower-lovers, wherever found, turns wistfully to every new touch of beauty and form that genius and science give to their queen. California champions the world in the profusion and regal beauty of her roses. Exempt from the rigors of the eastern climate, their vigor and floriference is unchecked and their culture easy. The dainty teas, the rampant climbers, the rough and ready hybrids, vie with each other in healthful rivalry and wealth of beauty.

Our list comprises all the most desirable varieties, and to it we add, each season, all the new sorts which our extensive tests prove to be worthy of general culture. In this way our customers are saved many expensive, and oft provoking experiments, and can be assured that their roses, after months of care, will not prove "all thorns." Literally, fields of roses—"the air perfumed"—is what can be seen at our nurseries any day in season, thousands and tens of thousands of clean, vigorous bushes, waiting to be transplanted to our customers' gardens, where they will receive the individual care and love which only the true flower-lover can give.



CULTURE

TIME TO PLANT.—The rose may be set out at any season of the year. The best time, naturally, is in the early spring months. For planting from November to March, we would advise taking stock from the open ground with naked roots, as we can give a much stronger and larger bush than grown in pots. We also raise roses in pots for the convenience of customers desiring to plant in the late spring and summer months.

HOW TO PLANT.—Having enriched the soil with decayed manure, dig a much larger hole than the roots absolutely require; then, placing the bush in natural position, throw some fine soil upon the roots; lift the stock gently up and down, so the soil can settle amongst the fibrous roots; add the remaining soil, pressing gently with the foot.

When flowers on the bush become decayed, remove them; this permits new growth, which will yield your next blooms.

PRUNING.—Should be done in December and January. Prune back and thin out as much as possible; because if you leave too many branches the bush cannot sustain them all, and the flowers will be small and the stems short. Better have ten creditable blooms than fifty impoverished ones.

WATERING.—The best way to do this is to dig a ditch among your bushes and run the water in it; by this means the water gets to the roots; avoid *surface* watering, which in a great many cases bakes the surface and does not reach the roots. Better one good soaking once a week than *sprinkling* them every day. Water every three weeks, during summer months, with a liquid cow manure.

VARIETIES TO PLANT.—The Tea or Ever-blooming; Hybrid Tea; Bengal; Bourbon; Noisette; these bloom continuously the whole season.

Hybrid perpetuals bloom with short intervals throughout the season, flowers generally very large, double and fragrant.

Moss Roses, planted in rich soil, form beautiful buds with a mossy covering.

Polyantha, Baby or Fairy Roses, are little gems; they are covered with hundreds of small, double, fragrant flowers; very suitable for edging or pot culture.

Climbing Roses are very beautiful, and should be planted against trellises, porches, walls, etc.

DISEASES.

APHIS or GREEN FLY.—Is a small green louse, appearing on the young, tender shoots and buds; they are very prolific in breeding. Through their slender beak they suck the juices of the plant, always working at the tender shoots, and will in a short time, if unmolested, destroy the vigor and vitality of any rose they infest.

Remedies.—*Tobacco* in any form is fatal to them; sprinkle powdered tobacco on the bushes, the best time being in the morning when there is moisture on the leaves; soak tobacco stems in water till it is about the color of weak tea; apply with a syringe; when possible fumigate the plants with tobacco smoke. Another remedy, take 1 lb. of quassia (*Quassia armara*) chips (which can be obtained from us and costs 15c per pound) and put in 4 gallons of water and boil for 10 minutes; after straining off the chips, add 1 lb. soft soap. This to be applied with a syringe.

MILDEW.—When plants become covered with a whitish-looking mold or dust the disease is Mildew. Unless a very severe attack, it will probably not kill them, but retard their growth. It is induced by sudden atmospheric changes, and is generally worse in the spring, when the nights are cold and the days warm; the best plan is not to wait till the disease appears, but, "taking time by the forelock," dust them in the morning with powdered sulphur, or if the disease has made its appearance, syringe with a weak solution of sulphide of potassium.

ROSE SLUG.—About the size of the common house-fly, which comes out of the ground in early spring. The best remedies are powdered white hellebore, or a solution of whale oil soap.

ROSE BUG.—Is of a grayish color and about half an inch in length. It appears suddenly in early spring and feeds on the opening buds and flowers, which it prefers to the foliage, and seems to be more fond of white and light-colored flowers than of those which are dark. The best and really only cure is hand picking.

For Novelties see Novelty List (at beginning of Catalogue).

Roses of Recent Introduction.

Baronne Berge (*Tea*). Same form as *Madame Cusin*, but is of a light flesh color, with deeper shadings. Price, 3-inch pots, 25c each.

Beauté Inconstant (*Tea*, 1892). This rose, from France, is very remarkable in many respects, but the most notable feature is the way in which it changes color; they bear at the same time coppery-yellow, deep rose, blush pink, mottled yellow, bright and dark crimson flowers. A plant of this beautiful rose when in full bloom, presents a sight that is at once novel and pleasing. Price, 2½-inch pots, 20c each; \$2.00 per dozen; 3-inch pots, 30c each; \$3.00 per dozen.

Belle Siebrecht (*Hybrid Tea*, 1895). This rose comes to us from the east, very highly recommended. It is a cross between *La France* and *Lady Mary Fitzwilliam*; color imperial pink; the buds (which are borne on strong, erect stems, 1½ feet to 2 feet long) are tapering, 2½ inches to 3 inches long, and when fully open measure 5½ inches to 6 inches in diameter, without showing the center; they are of great substance, lasting for a long time; the petals are of heavy texture. It is a most profuse bloomer, sweetly perfumed; is a free and vigorous grower; with large, glossy foliage, of leathery texture; entirely free from mildew. Taken all in all, there has been no such rose introduced of late years. Price, 2½-inch pots, 50c each; \$5.00 per dozen.



- Berkeley** (*Bengal or China, 1895*). Deep crimson, especially beautiful in the bud, which is long and pointed; a profuse bloomer. After three years' trial we can with confidence recommend it; in fact, we consider *Berkeley* the best dark rose ever raised in California. Price, 5-inch pots, 50c each; 2½-inch pots (ready after April 1st, 1896), 25c each.
- Climbing La France** (*Hybrid Tea, 1894*). A climbing variety of the old favorite *La France*. Price 2½-inch pots, 20c each; \$2.00 per dozen; 3-inch pots, 30c each; \$3.00 per dozen.
- Climbing Queen of Queens** (*Hybrid Perpetual, 1894*). Flowers pink; of strong, climbing habit. A great addition to our climbers. A sport from *Queen of Queens*. Price, 4-inch pots, 50c each.
- Comtesse La Bath**. Price, 3-inch pots, 25c each.
- Crimson Rambler** (*Polyantha, 1893*). Is of vigorous growth, making shoots from eight to ten feet in one season, thus making it a splendid pillar rose. It is also magnificent in bush form. One of the striking characteristics of this rose is its remarkable color, which is of the brightest crimson, which remains undimmed to the end, showing none of the objectionable purplish so common in crimson roses. The flowers are produced in great pyramidal panicles, each carrying from thirty to forty blooms, the individual blooms measuring from one to one and a half inches in diameter. The foliage is bright green and glossy. Price, 3-inch pots, 25c each; \$2.50 per dozen.
- Duchess of Leeds** (*Hybrid Tea*). Darker than *La France*; each petal lined pearl color; petals very thick. Price, 3-inch pots, 25c each.
- Empress of China**. This is a new climbing rose, small plants making a growth of six to ten feet in one season; the flowers are pink, semi-double, and borne in great profusion. Price, 3-inch pots, 25c each.
- Improved Rainbow** (*Tea, 1894*). Is entirely distinct and far superior to *Rainbow*. The Improved Rainbow is penciled with brightest Papa Gontier color, every petal in every flower and base of petals of a brighter amber color, making a very distinct and charming flower. Price, 2½-inch pots, 20c each; \$2.00 per dozen; 3-inch pots, 30c each; \$3.00 per dozen.
- Maman Cochet** (*Tea, 1892*). Deep rose-pink, the inner side of the petals silvery-rose; flowers extra large (borne on long, stout stems), very double; simply exquisite when in bud or half bloom; deliciously fragrant. Rich, healthy foliage; of vigorous growth. Price, 3-inch pots, 25c each.
- Madame E. Helfenbein** (*Tea, 1893*). Apricot-yellow, lined and shaded rose. Price, 3-inch pots, 25c each.
- Marion Dingee** (*Tea*). Brilliant crimson; one of the richest and darkest-colored Tea roses in existence. Price, 3-inch pots, 35c each.
- Mrs. Paul**. Blush-white, rosy-peach shadings; large open flower of Camellia-like appearance. Price, 25c each.
- Mrs. Pierrepont Morgan** (*Tea, 1895*). Is a sport from *Mad. Cusin*, and is in every way very much superior to that variety, being a much more robust grower; flowers are very much larger and very double, and is a much more prolific bloomer. Color intensely bright cerise, or rose-pink. Price, 3-inch pots, 35c each.
- Mrs. W. C. Whitney** (*Hybrid Tea, 1894*). Flowers clear, deep pink; of a delicious fragrance; large, pointed buds; a very free bloomer. Price, 3-inch pots, 25c each.
- Palo Alto** (*Bengal or China, 1895*). This grand new rose we have grown for the past three seasons in our trial grounds, and find it to be a rose of great merit, producing enormous quantities of fine blooms throughout the entire season, from early spring to December, in the open ground. Color, rose, suffused with carmine; buds long, pointed and very full; beautiful glossy foliage, never affected with mildew. Price, 2½-inch pots, 25c each; 4-inch pots, 35c each.
- Peach Blow** (*Hybrid Tea, 1895*). This rose is a sport from *Augustine Guinoiseau* (*White La France*), originally named "The Midwinter." The flowers are large, of a beautiful light peach color. Price, 3-inch pots, 50c each.
- Roger Lambelin** (*Hybrid Perpetual, 1894*). One of the most remarkable roses yet introduced. The color is glowing crimson throughout, except the edges of the petals, which are all distinctly marked with a white band, forming a sharp contrast, and the most unique combination of colors known in roses; the petals are irregular on the edges like a double petunia. The fragrance is delightful. The foliage is large and handsome; growth free and vigorous. Price, 3-inch pots, 35c each; 4-inch pots, 50c each.
- Senator McNaughton** (*Tea, 1894*). White Perle des Jardins. A sport from *Perte des Jardins*; it resembles that grand old rose, excepting the color, which is a delicate creamy-white; the flowers are very large and full, the buds beautifully shaped; foliage dark and glossy. Price, 2½-inch pots, 20c each; 3-inch pots, 30c each.
- Summer Queen** (*Hybrid Perpetual*). Silvery-pink; bears enormous crops of flowers, not equaled in this respect by any other rose. It is a strong and vigorous grower. Price, 3-inch pots, 35c each; 4-inch pots, 50c each.

Standard Varieties.

Price, field grown, 25c each; \$2.50 per dozen; \$18 per 100.

Those marked with an asterisk we can supply in "Standard" (or "Tree") form, 2 and 3 year old heads. Price, \$1.00 each; \$10 per dozen. *No field-grown roses sent by mail.* Some of the following varieties, being newer sorts, cannot be supplied in field-grown stock (those will be specified) but are from 3-inch pots.

Tea, or Ever-Blooming Roses.

- Adrienne Christophle**. Apricot-yellow; often striped on the outer petals with rose.
- Aline Sisley**. Varying from red to purplish-rose; long pointed bud; very large, full, and double.
- Anna Ollivier**. Lovely creamy-blush, shaded deep carmine, tinged and edged silvery-rose; very fragrant, large, full, and of good substance.



- ***Belle Lyonnaise.** Pale yellow, lemon tinge; very free bloomer.
- Bon Silene.** Deep rose, sometimes carmine; very fragrant; buds large and very beautiful.
- Bougere.** Bronze-pink, sometimes of a violet crimson shade; flowers full, double and extra large.
- Bridesmaid.** Very clear dark pink; much richer than *Catherine Mermet*.
- ***Catherine Mermet.** Clear rosy-pink, elegantly pointed buds; full, fragrant, double; a very popular and most beautiful free flowering rose.
- Charles Legrady.** Fine chamois-red, richly shaded violet-crimson; very fragrant, free bloomer.
- Charles Rivolli.** A lovely shade of brilliant carmine, changing to silvery-rose, center and base of petals clear golden-yellow; large, globular, and very double; delightfully fragrant.
- Charles de Thezillat.** Creamy-yellow, center chamois; very large, full and globular.
- Comtesse de Frigneuse.** Delicate canary-yellow; bud long and pointed; flower large, full and well formed; very free.
- Comtesse Riza du Parc.** Bright coppery-rose, shaded with violet-crimson. A fine variety.
- ***Coquette de Lyon.** Canary-yellow; full and gracefully formed; vigorous grower.
- Cornelia Cook.** Creamy-white; buds perfectly formed and magnificent.
- Christine de Noue.** Deep red; of fine texture and size. An elegant rose.
- Devoniensis** (*Magnolia Rose*). Creamy-white, with rosy center; quite large, full and double; one of the finest.
- Devoniensis, Climbing.** A sport from *Devoniensis*; as productive as the old sort, with the advantage of being a strong and vigorous grower.
- Doctor Grill.** Coppery-yellow, suffused with rose, a lovely color.
- ***Duchesse de Brabant.** Soft silvery-blush, generally changing to a deep rose. An old favorite.
- ***Duchess of Edinburgh.** Deep rosy-crimson; flowers cup-shaped. An excellent sort.
- ***Elize Sauvage.** White, tinged yellow; a grand, free-blooming sort.
- ***Empress Marie of Russia.** Canary-yellow, extra large, very full and exceedingly sweet.
- Etoile de Lyon.** Very similar to *Perle des Jardins*.
- Frances B. Hayes.** Bright carmine; vigorous and free; of great promise.
- ***Glorie de Dijon.** Deep orange-buff; large, full and double; grand bloomer.
- Glorie de Bordeaux.** Beautiful rose color, tinged fawn; large and full; a lovely rose.
- Golden Gate.** Rich creamy-white, tinged golden-yellow; large, full and graceful; buds long. **From 3-inch pots.**
- ***Gold of Ophir.** Bright salmon; flowers peculiarly shaped. A strong grower and free bloomer.
- Grace Darling.** Creamy-white, shaded vinous crimson; medium size; sweet fragrance.
- Homer.** Salmon rose; varies somewhat in color, but always good; beautiful buds.
- Hon. Edith Gifford.** Whitish flesh color; slightly tinted rose; fine form, both in bud and when full blown.
- ***Isabella Sprunt.** Sulphur-yellow; a sport from *Safrano*, which it resembles in all except color.
- Ketten Freres.** Yellow, center petals delicately shaded pink; full and sweet; a beautiful rose.
- La Nankeen.** Deep orange-yellow at base, with creamy-white tips; very fragrant; magnificent buds.
- ***La Sylphide.** Blush, fawn center; flowers quite large and double. A splendid sort.
- Letty Coles.** Rosy-pink, crimson center; extra large, full, globular, double; with a sweet tea fragrance.
- ***Luciole.** Clear cherry-red, rich golden-yellow center, elegantly shaded; flowers extra large, somewhat cup-shaped. A beautiful rose.
- Madame Chedane Guinoiseau.** Clear golden-yellow; large, full and very sweet; buds long and pointed. A valuable and exceedingly beautiful sort.
- Madame Cusin.** Rosy-purple at base of petals, center almost white; very distinct, well formed, free and vigorous.
- Madame de Vatry.** Rich scarlet, large, full form, double and very sweet.
- Madame de Watteville.** A peculiar shade of creamy-yellow, with beautiful tinge of carmine; petals shell-like, having a wide border of crimson; large, full and sweet.
- ***Madame Falcot.** A beautiful shade of apricot-yellow; especially pretty in bud. Very similar to *Safrano*.
- Madame Honore Defresne.** Clear golden-yellow; extra large and full; vigorous grower.
- ***Madame Hoste.** Canary-yellow, base of petals amber; full and very large. A most beautiful rose.
- Madame Jos. Schwartz.** Pure white, elegantly tinged and shaded pale yellow and rosy-blush.
- Madame Lambert.** Center purplish rose; outer petals creamy-white, shaded rose; extra large, full and double.
- Madame Scipion Cochet.** Creamy-white, deep crimson center; tulip-shaped flowers; quite full and sweet.
- Madame Welche.** Pale yellow center, shaded orange; flowers finely formed, large and double. An excellent sort.
- Madame Willermoz.** Lovely creamy-white, tinged and shaded rose; extra large, very full and double; exceedingly sweet.



- Mademoiselle Marie Verdier.** Fresh satiny rose; petals very large.
- Magnolia Rose.** See *Devoniensis*.
- Marie Guillot.** Pure white; fine both in bud and flower; very fragrant.
- Marie Lambert.** Pale flesh-color, passing to a decided white; very large; delightfully scented.
- ***Marie Van Houtte.** White, yellowish tinge; petals bordered rose; well-formed full flowers. A grand rose.
- Melanie Soupert.** White; very full, large flowers.
- Mrs. Jessie Fremont.** Seedling from *Duchesse de Brabant*; buds not quite as large as that variety, but more durable and of better substance.
- Narcisse.** Pale lemon-yellow, tinted salmon-rose; medium size, full and double; very fragrant.
- ***Niphotos.** Pure white; extra large pointed buds. Too well known to need much description.
- Niphotos, Climbing.** Same as preceding, except, as name indicates, it is a climber.
- ***Papa Gontier.** Bright rose or red; buds and flowers finely formed, long and pointed; a strong grower and profuse bloomer.
- ***Perle des Jardins.** Deep yellow, buds and flowers very large; an abundant bloomer and delightfully fragrant.
- Perle des Jardins, Climbing.** This variety is similar to the preceding, but, as the name indicates, it is a climber. A grand acquisition.
- President.** Red, shaded crimson; large, double and full; exceedingly free bloomer.
- Princess de Sagan.** Velvety crimson-scarlet; small and double. The most brilliant colored rose among the teas.
- Prince of Wales.** Yellow, outer petals has a rosy tinge. golden center, flowers large and perfectly formed.
- Rainbow.** Lovely shade of deep coral pink, beautifully striped and mottled in the most unique manner with intense glowing crimson, elegantly colored at center with rich golden amber; very free bloomer and of good substance.
- Reine Marie Henriette.** Clear cherry-red; large, compact, and finely formed, very full and regular, flowers borne in clusters; very sweet tea fragrance.
- Souvenir d'un Ami.** Clear rose; very large, full globular, highly perfumed. A most popular sort.
- Souvenir de Victor Hugo.** Lovely citron-red, with beautiful amber and fawn shading; large, tulip-shaped flowers; delightfully perfumed; very fine.
- ***Souvenir de Wootton.** Bright crimson, changing to deep red; beautiful in bud and full flower; one of the finest red teas.
- ***The Bride.** Pure white; of most perfect form. Buds pointed and ends of petals slightly turned back, giving bloom a most chaste and pretty appearance. Has a delicious tea fragrance and is a very free bloomer.
- The Queen.** Pure white; buds beautifully formed, large petals of best substance; exquisitely scented; vigorous and healthy grower; one of the best white roses.
- ***Triomphe de Luxembourg.** Buff-rose color, large and full in bud.
- Valle de Chamonix.** Coppery-yellow, elegantly shaded and tinged rosy blush; good size, very double, full and sweet; a beautiful sort. **From 3-inch pots.**
- Viscountess Folkestone.** Creamy-pink; large, full and sweet; an excellent rose in every respect.
- ***White Bon Silene.** Pale lemon-yellow, passing to rich creamy-white; beautiful buds which are remarkably large and handsome.
- W. F. Bennett.** Brilliant crimson; buds extra fine; delicious fragrance; very free.



AUGUSTINE GUINOISEAU.
(White La France.)

Rubens. Lovely pale yellow, slightly tinged fawn; very double and sweet; very desirable.

***Safrano.** Bright apricot-yellow; beautiful in bud; very free.

Sappho. Rich apricot-yellow, delicately tinged fawn and rose; flowers large, full and globular; strong and vigorous grower.

***Shirley Hibberd.** Beautiful nankeen-yellow; flowers small, very pretty in bud.

Sombreuil. White, tinged fawn; very large and full.

Souvenir de Madame Lambert. Canary-yellow, exquisitely shaded and tinted salmon rose; flowers large; vigorous grower and free bloomer.

Souvenir de Madame Pernet. Salmon-pink, base of petals shaded yellow; an extra good kind.

Souvenir de Paul Neyron. White, beautifully tinged clear golden-yellow, each petal with bright, rosy crimson; very fine.



Hybrid Tea Roses.

- Augustine Guinoiseau.** White La France. A pure white *La France* with a faint rose tint at the base of its broad petals. The buds and flowers are quite large, very fragrant and finely formed.
- Beauty of Stapleford.** Bright pink, shading to bright rosy-crimson; buds and flowers large, of perfect form; deliciously fragrant.
- Cheshunt Hybrid.** Red, shaded violet; flowers large, produced in great abundance; very sweet.
- Distinction.** Mauve, shaded reddish-amber; flowers large; very pretty and highly perfumed.
- Duchess of Albany, or Red La France.** Resembles *La France*, but the color is a deeper and brighter pink.
- Kaiserina Augusta Victoria.** Pure ivory-white; large, full and magnificent; strong and healthy grower. **From 3-inch pots.**
- *La France.** Silvery pink; constant bloomer; very large and globular; very sweet scented. The old favorite.
- Madame A. Veysset.** Striped La France. Resembles *La France* very much, but is stronger in growth and the flowers are beautifully striped and shaded with a delicate white. **From 3-inch pots.**
- Madame Caroline Testout.** Brilliant satiny rose, deepening at center to clear red; flowers of excellent substance, keeping their color well; strong and healthy grower. A superb rose.

***Meteor.** Rich velvety crimson; buds and flowers large; elegantly formed; strong, vigorous and constant bloomer.

Paul Marot. Satiny rose; a fine free-flowering sort. **From 3 inch pots.**

Red La France. See Duchess of Albany.

Striped La France. See Mad. A. Veysset.

White La France. See Augustine Guinoiseau.

White Lady. Creamy-white; large magnolia-like petals, very double, cup formed.

Hybrid Perpetual Roses.

***Abel Carriere.** Velvety crimson, deep center; full and large; fragrant.

Alfred Colomb. Carmine-crimson; large and full, globular; of exquisite fragrance.

***American Beauty.** Brilliant pink shaded carmine; large and of delicious fragrance. A Queenly flower, both in size, form and color. *Synonym* Madame Fredinand Jamain.

American Belle. Delicate soft pink; free and very fragrant. A sport from *American Beauty*.

Anna Alexieff. Superb rosy-pink; flowers very large, double and showy; very free.

***Anne de Diesbach.** Brilliant pink, large; free both in flowers and growth.

***Antoine Mouton.** Bright rosy-pink; very full and large.



MADAME CAROLINE TESTOUT.

- Auguste Mie.** Clear and bright pink; very large, fine cup-shaped; fragrant.
- *Baroness Rothschild.** Light rose, shaded with pink; an excellent rose.
- Baron de Bonstetten.** Rich, deep maroon, nearly black; flowers double, large, and of velvety texture; nicely perfumed.
- *Black Prince.** Dark crimson, shaded black; flowers cupped, large and quite fragrant.
- *Captain Christy.** Delicate flesh with rosy center; flowers extra large, double, full and quite fragrant; a splendid rose.
- Captain Christy, Climbing.** A strong growing variety of the preceding; of recent introduction; a great acquisition.
- Charles Dickens.** Rose color; vigorous and hardy; produces flowers in immense masses.
- *Charles Lefebre.** Bright velvety scarlet; finely shaped; petals smooth and heavy.
- *Dinsmore.** Deep crimson, nearly scarlet; very showy, handsome, well-formed flowers.
- Duc de Cazes.** Dark velvety purple; very rich and handsome; medium size; full, compact and fragrant.
- Duchess of Norfolk.** Rosy red; medium size; cup shaped.
- Duke of Edinburgh.** Vermilion; finely cup-formed; a good grower.
- Duke of Teck.** Decided scarlet-crimson; an excellent rose.
- Earl Dufferin.** Rich crimson shaded with maroon; flowers large and very graceful; good grower and free bloomer.
- *Empereur de Maroc.** A rich deep maroon tinged with purple; one of the best dark roses.
- *Empress of India.** Dark brownish-crimson; decidedly double; round, large and full.
- Fisher Holmes.** Rich crimson; flowers large and of fine form, with velvety texture.

*Can also supply in "Standard" (or Tree Form).



- *General Jacqueminot.** Brilliant crimson—very glowing; flowers large, perfect and beautiful; decidedly fragrant; a most popular rose.
- General Washington.** A fine crimson; flowers full and double; a profuse bloomer and moderate grower.
- Gloire de Bourg la Reine.** Vivid red, a very striking color; large and double; a good bloomer.
- *Gloire de Margottin.** Dazzling red; large and fine form, very full; very free bloomer and strong grower; deliciously scented.
- Gloire Lyonnaise.** Creamy white, shaded to yellow at center; flowers well shaped, full and very fragrant.
- Glory of Cheshunt.** Bright vivid crimson; very free, of vigorous habit; a fine pillar rose.
- Glory of Waltham.** Brilliant crimson, with fiery red center; very bright and showy; large, full and very sweet.
- *Her Majesty.** A shade of rosy-salmon; flowers of immense size, perfectly formed, and of exquisite coloring.
- Jean Bart.** Dark velvety maroon, glowing rich color; large and very attractive.
- Jeanie Dickson.** Satiny-rose, base of petals yellow; large and double; a grand rose.
- *John Hopper.** Bright rose, carmine center; flowers cup-shaped and well formed; very robust.
- Lady Mary Fitzwilliam.** Bright, delicate flesh color; a most beautiful rose.
- *Louis Van Houtte.** Reddish-scarlet, shaded purple; blooms large, full and finely shaped; a very showy rose.
- Mable Morrison.** White flesh, changing to pure white; flower cup-shaped and freely produced. Said to be a white form of *Baroness Rothschild*.
- *Madame Alfred Carriere.** Rich creamy-white, faintly tinged pale yellow; extra large, full, very double and sweet.
- *Madame Chas. Wood.** Reddish-crimson, shaded scarlet; large double flowers; a profuse bloomer.
- *Madame Gabriel Luizet.** Glistening pink; double and full, having broad, shell-like petals; very beautiful and deliciously perfumed; a vigorous grower.
- *M'lle Annie Wood.** Violet-crimson, very brilliant. An early and generous bloomer, large, exquisitely perfumed flowers.
- *Magna Charta.** Pink suffused with carmine; an excellent rose and sweetly perfumed.
- *Marchioness of Lorne.** Rich red, shaded in center with carmine; blooms large and double, having long, exquisitely shaped buds; a very fragrant rose and good bloomer.
- Margaret Dickson.** White, pale flesh center; petals very large; of immense substance; magnificent form; growth very vigorous; foliage very large and of dark green color.
- *Marie Baumann.** Brilliant carmine-crimson; exquisite; large, full and very sweet.
- *Marshall P. Wilder.** Carmine; flowers graceful.
- Merville de Lyon.** Pure white; a superb flower; large, double and cup-shaped.
- *Mrs. John Laing.** Clear pink; of vigorous growth; flowers of elegant form and finely perfumed; a most delightful rose.
- Mrs. Cleveland.** Resembles *General Jacqueminot* in color, but of a more pronounced red; produces flowers in great abundance, every shoot producing buds, and for a long period; of dwarf, compact, healthy growth.
- *Paul Neyron.** Color deep rose; flowers of immense size; a free bloomer. Carmine-red, striped and spotted white.
- *Prince Camille de Rohan.** Deep crimson; large, rather full; velvety texture.
- Queen of Queens.** Pink petals, blush edges; blooms large, full and perfectly formed.
- Salamander.** Bright scarlet crimson; very vivid in summer; very free bloomer. A brilliant and most effective rose. **From 3-inch pots.**
- Senator Vaisse.** Carmine-crimson; large, full, exquisitely formed and highly fragrant; an old rose and very fine.
- Silver Queen.** Silvery-blush, shading to delicate rose; distinct and lovely.
- *The Queen.** Snowy-white; buds of exquisite formation and nicely scented; profuse bloomer.
- *Ulrich Bruner.** Cherry-red; a very vigorous rose with globular flowers of great beauty.
- Vick's Caprice.** Satiny-pink, striped and splashed with white and carmine.
- *Victor Verdier.** Fresh bright rose, with carmine center; a superb rose with large double flowers.
- Xavier Olibo.** Dark velvety purple; very distinct, large and well formed.

Moss Roses.

- Crested Moss.** Deep pink surrounded by a mossy fringe.
- Glory of Mosses.** Pale rose; very large; a moderate grower.
- James Veitch.** Deep violet of a crimson shade; extra fine, large and double.
- Princess Adelaide.** Pale rose; medium size, good form and a vigorous grower.
- Raphael.** Pinkish-white, shaded with rose.
- Salet Moss.** Light rose; flowers large and full; a good grower and free bloomer.
- White Bath.** White, sometimes tinged with flesh. Moderate, erect growth. The best white moss.



Noisette or Champney Roses.

Are of American origin; they have a tendency to bloom in clusters and are all strong growers, thus making excellent climbers. They are all very free bloomers.

Aimee Vibert, Climbing. Pure white; medium-sized flowers in large clusters; of most vigorous growth.

Celine Forestier. Pale yellow, deepening towards the center; a beautiful sort.

Claire Carnot. Coppery-rose, borders of petals lightened with white and rosy-carmine; an excellent variety; very distinct and beautiful.

***Cloth of Gold (Chromatella).** Deep yellow center, with sulphur edges; large full pointed buds; a most attractive rose.

***Lamarque.** Pure white; center slightly tinged yellow; admired by all.

***Marechal Niel.** Deep yellow; very large, very full, globular form; delightful fragrance. The finest of all yellow roses. The stock we offer is worked on Banksia root; it makes a strong and vigorous growth on this root.

***Reve d' or.** Buff yellow; very full; a most profuse bloomer and vigorous grower.

***Solfaterre.** Sulphur-yellow; large and full.

W. A. Richardson. Orange-yellow; flowers medium size; very distinct.

Bourbon Roses.

Hermosa. Bright rose; medium size; constant bloomer; bushy habit.

Hermosa, Climbing. Clear bright pink; medium, full and regular; very sweet; strong grower and profuse bloomer.

***Souvenir de la Malmaison.** Flesh color, shaded fawn; large, full, flat form, rich foliage. A splendid rose.

Polyantha Roses.

Clotilde Soupert. Pinkish-amber or pale creamy-yellow, delicately flushed with silvery-rose; petals beautifully imbricated.

Etoile d' or. Pale chrome-yellow, rich red center; full round flowers, borne in large clusters.

***M'lle Cecile Bruner.** Salmon-pink, deeper in center; very small; full and delicately scented; an exquisite miniature rose.



REVE D' OR.

Polyantha Roses—Continued.

Mignonette. Delicate rose changing to blush.

Perle d' or. Nankeen yellow, orange center; most exquisite.

Austrian Roses.

Native of South Europe, having single flowers, of a yellow or coppery-yellow color; leaflets seven to nine in number. The shoots are of a chocolate color, well fortified with spines. These varieties must not be severely pruned.

Austrian Copper. Yellow and red flowers appearing on the same bush; very attractive.

Harrison's Yellow. Golden-yellow; medium size, semi-double.

Persian Yellow. Bright yellow; small, well formed; foliage small, faintly scented like the Sweet Brier.

Banksia Roses.

These are strong growers and make excellent climbers, and are much used for covering arbors bare walls, old stumps, etc.

Banksia, White. Pure white; very double, small; produced in the greatest profusion in the spring months.

Banksia, Yellow. Clear yellow; similar in all respects to the preceding.

Fortune's Yellow. Yellowish-orange, with a bronze tinge; semi-double; a strong grower. Various known in this country as "Beauty of Glazenwood," "San Rafael," "Watkins" and "Hester." A charming rose.

*Can also supply in "Standard" (or Tree Form).

Japan or Rugosa Roses.

A class recently introduced from Japan. They are remarkable for their dark green dense foliage, and the purity of color of the flowers.

Rugosa alba. Single white; large and fragrant.

Rugosa alba plena. Double white; similar in other respects to the preceding.

Rugosa rubra. Deep rose, tinged violet; single and fragrant.

Miscellaneous Roses.

Agrippina (Bengal). Rich crimson; specially valued for its buds; flowers borne in great profusion and for a long period.

Cherokee, Double. Small double white flowers; produced in great profusion during spring months; a strong climber.

Cherokee, Single. Single, pure white flowers; produced during spring months; a strong climber; branches very thorny.

Coquette des Alpes (Hybrid Noisette). White, tinged blush; medium size; a very desirable white rose.

Coupe d' Hebe (Bengal). Deep pink; medium, cup-shaped; a fine distinct sort.

Gréville or Seven Sisters (Prairie). Blush tinged and striped white and red; borne in large clusters; of strong, rapid growth.

James Sprunt (Bengal). Rich crimson; a climbing sport from *Agrippina*; a desirable rose.

Musk Fringed. White; serrated petals: cup shaped.

Prairie Queen (Prairie). Clear, bright pink; sometimes with a white stripe; very double and full; blooms in clusters; a strong, rapid grower.

Provence, common or Cabbage Rose. Rose color; large, full, globular and very fragrant.

River's Musk. Pink shaded buff.

Rosa Mundi. White, striped pink; large and semi-double.

Sweet Brier or Eglantine. The foliage of this rose emits a most delightfully pleasing odor, especially on a dewy morning.

Climbing Roses.

For the convenience of our patrons we here enumerate, together, all the climbing roses; the description of each will be found in their respective classes.

Aimee Vibert, Climbing (Noisette)

Banksia, White (Banksia)

“ Yellow “

Celine Forestier (Noisette)

Captain Christy, Climbing (H. P.)

Cherokee, Double (Miscellaneous)

“ Single “

Cheshunt Hybrid (H. T.)

Claire Carnot (Noisette)

Cloth of Gold “

Devoniensis, Climbing (Tea)

Fortune's Yellow (Banksia)

Gloire de Dijon (Tea)

Glory of Cheshunt (H. P.)

Gréville or Seven Sisters (Miscellaneous)

Hermosa, Climbing (Bourbon)

James Sprunt (Miscellaneous)

Lamarque (Noisette)

Marechal Niel “

Niphotos, Climbing (Tea)

Perle des Jardins, Climbing (Tea)

Prairie Queen (Miscellaneous)

Reine Marie Henriette (Tea)

Reve d' or (Noisette)

Solfaterre “

W. A. Richardson (Noisette)

We can supply the following Standard Sorts in 2½ and 3 inch Pots.

Price, 2½-inch pots, 10c each; \$1.00 per doz.; 3-inch pots, 15c each, \$1.50 per doz.

Agrippina

Anna Olivier

Augustine Guinoiseau

Bougere

Bridesmaid

Catherine Mermet

Clotilde Soupert

Duchess of Albany

Gloire de Margottin

Kaiserina Augusta Victoria

La France

Lamarque

Madame Caroline Testout

Marechal Niel

Marie Lambert

Meteor

Mrs. Paul

Niphotos

Papa Gontier

Perle des Jardins

Perle des Jardins, Climbing

Pierre Gullot

Rainbow

Reve d' or

Reine Marie Henriette

Safrano

Souvenir de Wootton

Sunset

The Bride

Triomphe de Luxembourg

Valle de Chamonix



Carnations.

For Novelties, see Novelty List (at beginning of catalogue).

Varieties of Recent Introduction.

Price, 25c each; \$2.50 per dozen; up to May 1st, 1896; after May 1st to July 31st, 3 and 4 inch pots 35c each; \$3.50 per dozen; after August 1st, field grown, 35c each; \$3.50 per dozen.

- Alaska.** Purest white; a seedling from *Lizzie McGowan* and *Puritan*, but much more vigorous, more abundant bloomer, larger flowers, and more symmetrical than they. An excellent shipper and keeper. It has never yet shown any disposition to rust.
- Annie Pixley.** Delicate pink; flowers borne on long, stiff stems.
- Bouton d' or.** Yellow, marked crimson.
- Bridesmaid.** Bright, clear pink, fully as pleasing as the *Bridesmaid* rose; flowers borne on very strong, stiff stems. Plant an exceptionally free and vigorous grower.
- Corsair.** Scarlet; flowers at least three times the size of *Portia*; abundantly produced on stiff stems.
- Dr. Smart.** Ground color creamy-white, suffused pink, striped and margined bright crimson; deliciously fragrant.
- Eldorado.** Light yellow, edged pink, fringed; finely formed; fair size and very free bloomer.
- Gold Finch.** Yellow edged pink.
- Governor Russell.** Pure white, very large; stiff stems; of a clovey fragrance.
- Helen Keller.** Ground pure white, delicately striped scarlet; large; stem long and strong; very productive.
- Iago.** Clear, deep crimson; stems long; growth and bloom free.
- Jacqueminot.** Rich crimson.
- Kitty Clover.** Light sulphur-yellow, ground penciled deep carmine, white and light red; flower perfect, borne on long, stiff stem; a continuous bloomer.
- Kohinoor.** White, occasionally tinged pink; deeply fringed; large and full; an excellent shipper. Plant strong, vigorous, very productive, early bloomer.
- Little Gem.** White, marked light pink; produced in wonderful profusion and appearing long before any other variety, which increases its value. Very good for pot culture, being of dwarf habit.
- Lizzie Gilbert.** Brilliant scarlet; borne on long, stiff stems; continuous bloomer.
- Magnet.** Carmine-pink; finely fringed; large, massive and abundantly produced. This is a magnificent carnation.
- Minnie Cook.** Pink and white; massive and perfect in form; stems long and stiff. It is unique, distinct and beautiful; its keeping and shipping qualities are excellent.
- Purple King.** Bright, clear shade of purple; a novel color; very distinct; large, borne on long stems.
- Redondo.** White, good size, fringed edges; very fragrant; a most productive sort.
- Rose Queen.** Soft, pure rose (so much admired and demanded by cut flower buyers); flowers large and well formed.
- Stuart.** Brilliant scarlet; very large and of good substance; stem very long, stiff and strong.
- Sweetbrier.** Beautiful pink; a shade darker than *Daybreak*; strong and vigorous grower.
- Uncle John.** Pure snow-white, large; constant and prolific bloomer; plant strong and bushy.
- Wm. Scott.** Bright, yet delicate pink; very large, full and of good shape; strong, long stem; free bloomer.

Carnations, Standard Sorts.

Price, 10c each; \$1.00 per dozen (except where noted), up to May 1st, 1896; after May 1st, to July 31st, 3 and 4 inch pots, 20c each; \$2.00 per dozen; after August 1st, field grown, 20c each; \$2.00 per dozen.

- American Flag.** Red stripe on white ground; free bloomer and vigorous grower; very showy.
- Anna Webb.** Fine velvety-crimson, deeply fringed, medium size; a free continuous bloomer. Price, 15c each; \$1.50 per dozen, up to May 1st, 1896; after May 1st to July 31st, 3 and 4 inch pots, 25c each; \$2.50 per dozen; after August 1st, field grown, 25c each; \$2.50 per dozen.
- Ben Hur.** Pink; flowers large; of vigorous growth.
- Blizzard.** Yellow, striped red. Price, same as *Anna Webb*.
- Buttercup.** Rich golden yellow, with a few streaks of carmine; of vigorous habit and very floriferous. Price, same as *Anna Webb*.
- Cherry Lips.** Pink, large; stems stiff and erect.
- Crimson Coronet.** Very dark crimson; medium size; stout, erect stem; strong grower.
- Daybreak.** Salmon-pink, very large; petals thick and of heavy texture, lasting a long time after being cut; long stems; free bloomer; an excellent variety.
- Fred Creighton.** Light pink; stems long; rather late bloomer.
- Fred Dörner.** Bright, deep scarlet, a most perfect color, soft, yet brilliant; very large, very double, nicely fringed and sweet.
- Germania.** Yellow, large, free bloomer and healthy grower. Price, same as *Anna Webb*.



CARNATIONS.—Continued.

- Golden Gate.** Golden-yellow, full and double; free continuous bloomer; plant strong and healthy. Price, same as **Anna Webb**.
- Golden Triumph.** Clear canary-yellow; continuous bloomer; healthy, vigorous habit. Price, same as **Anna Webb**.
- Grace Wilder.** Rose-pink, fringed edge; excellent for forcing.
- Hector.** Scarlet.
- Hinz's White.** Creamy-white, large; free bloomer; vigorous grower.
- J. J. Harrison.** Pearly-white, delicately streaked rosy-carmine; stems long and stiff, of strong and healthy growth.
- Lizzie McGowan.** Pure white, large, full and very attractive. The best white.
- Louise Porsch.** Yellow, striped red. Price, same as **Anna Webb**.
- Miss Joliffe.** Delicate salmon.
- Mrs. E. Reynolds.** Pink, a free bloomer.
- Mrs. Robert Hitt.** Dark pink.
- Mrs. Fisher.** Good white; robust grower and free bloomer.
- Nancy Hanks.** Shell pink; a very pretty sort.
- Nellie Lewis.** Light pink, striped darker; strong grower and free bloomer.
- Portia.** Brilliant scarlet. In richness of color, profusion of bloom, and vigor of growth this variety is unequalled.
- Robert Craig.** Intense brilliant scarlet; strong grower and free bloomer; dwarfish habit.
- Silver Spray.** Pure white; a wonderfully free bloomer and vigorous grower. Excellent for winter forcing.
- San Mateo.** Light scarlet; large and fringed.
- Sunrise.** Yellow salmon, marked red.
- Tidal Wave.** Bright rosy-pink, changing to a beautiful soft pink with salmon shading (when flowers are fully expanded); free bloomer; strong and healthy grower.
- W. F. Dreer.** Rose-pink, petals deeply fringed; very large, often 3 inches in diameter; calyx does not burst; very free bloomer and of vigorous growth.
- Western Pride.** White, striped scarlet; splendid form and build. Price, same as **Anna Webb**.
- White Dove.** Pure glistening white; very large, petals deeply notched.
- White Wings.** White; large, finely fringed.

Chrysanthemums.

(AUTUMN QUEENS.)

Complete descriptive list of all varieties of merit, published separately, and mailed free on application.



GROUP OF PELARGONIUMS.

Pelargoniums.

(LADY WASHINGTON GERANIUMS.)

For novelties see Novelty List (at beginning of catalogue).

Choice Regal Varieties.

Price, 2½-inch pots (available up to March 15 only), 15 cts. each; \$1.50 per doz.; 4-inch pots, 30 cts. each; \$3.00 per doz.; 5-inch pots, 40 cts. each; \$4.00 per doz.

- Agatha.** Upper petals bright crimson, blotched maroon and margined white; under petals blush white, feathered bright crimson.
- Anna Pfitzer.** Brilliant carmine; center maroon; upper petals feathered crimson.
- Arvon.** Upper petals bright crimson, blotched blackish maroon and edged with rose; under petals soft rose.
- Beauty of Oxtou.** Upper petals rich maroon, darkly blotched; under petals dark crimson, shaded maroon; light center, tinted rose, petals margined white.
- Black Prince.** Very dark red, blotched black; petals wavy; one of the darkest.

- Bush Hill Beauty.** Enormous size, of a mottled rose shade, much deeper than the parent *Madame Thibaut*; an acquisition.
- Carnival.** Light salmon-pink; petals feathered with crimson-maroon.
- Captain Raikes.** Upper petals deep fiery crimson, flaked purplish black, bordered carmine; lower petals clear bright crimson. Fine large flower.
- David Neely.** Rich, glowing vermilion, white center; edged light rose.
- Damon.** Upper petals bright crimson, blotched maroon; under petals rosy crimson, white center; petals edged white.
- Doctor Andre.** Delicate pink; upper petals feathered maroon; elegantly fringed.

- Doctor Masters.** Large black blotches in center, margin rich crimson, lower petals having small blotch.
- Dorothy.** Soft shade carmine-rose, white center surrounded with a lilac shade; all the petals margined white and elegantly fringed; upper petals blotched maroon; fine large flower.
- Duchess of Bedford.** Pure white; pink spot on upper petal; petals prettily fringed. A very charming variety.
- Duchess of Teck.** Very large trusses of extra large, semi-double, white flowers; petals frilled and undulated. A grand white.
- Duke of Albany.** Deep rich crimson-maroon, margined rosy lake, light center; all the petals beautifully undulated and fringed; fine full flower.
- Edward Perkins.** Bright orange-scarlet; maroon blotch on upper petals, which are beautifully fringed and undulated.
- Elaine.** Pure white; upper petals blotched and feathered purplish crimson.
- Embassy.** White, faintly suffused with violet; the two upper petals blotched deep violet-maroon.
- Empress Frederick.** Pure snow-white, semi-double flowers, the petals elegantly crisped; a most chaste variety.
- Empress of India.** Brilliant shade of salmon-scarlet, upper petals blotched dark crimson, light center; splendid trusses.
- Emperor of Russia.** Dark maroon, surrounded crimson-purple, margined blush-white; extra large.
- Exchequer.** Upper petals maroon, surrounded with crimson and margined with rose; under petals rose; light center.
- Gloire de Paris.** Brilliant red; very effective; free bloomer.
- Gloire de Tours.** Bright dark scarlet; upper petals blotched velvety black; center a distinct shade of violet.
- Golden Gate.** Deep salmon-pink, center shaded light violet; edged blush-white; upper petals feathered bright crimson.
- La Belle.** Bright salmon-pink; upper petals lightly shaded darker. Of very fine sturdy habit, free bloomer, extra large.
- Lord Clyde.** White, suffused violet, each petal grandly blotched deep violet-crimson.
- Mabel.** Upper petals brilliant, dark maroon; under petals soft, rosy pink; large white center.
- Madame Thibaut.** White, richly blotched and marbled with rose; upper petals marked with crimson-maroon; large white center, immense trusses.
- Madame Vibert.** Black-maroon blotches edged with fiery red; flower entirely edged rose.
- Maud Hooper.** Delicate rosy blush, deepening towards center; upper petals feathered deep rose; beautifully fringed and undulated. Very free bloomer and most charming.
- Milton.** Upper petals grandly blotched dark maroon, surrounded bright crimson, edged rose; lower petals soft pink, feathered crimson, light center; large trusses, elegantly fringed.
- Miss L. Cannell.** Maroon and crimson, with a well-defined white margin and center.
- Mr. Worthington.** Beautiful orange-scarlet, center light maroon; upper petals blotched intense black; large, elegantly fringed.
- Prince George.** Soft salmon-pink; under petals marked small blotch of orange-maroon; upper petals blotched blackish maroon; enormous trusses.
- Prince Henry.** Soft rosy-red, shaded orange and chocolate; broad white margin and center; bold flowers of great substance, fine trusses.
- Prince of Pelargoniums.** Vermilion-scarlet, blush-white center, upper petals flushed crimson; edges beautifully fringed.
- Prince of Wales.** Bright vermilion, light center and edges; remarkably free bloomer, producing large trusses of very effective flowers.
- Princess Beatrice.** Blush-white, deep crimson blotch on each petal; semi-double.
- Princess Maud.** A sport of *Volonte Nationale*, but with deeper colored blotch on each petal; very large and satisfactory.
- Princess Victoria.** One of the most charming varieties of the Regal Section, bearing in the utmost profusion large trusses of semi-double crispy flowers; of a delicate shade of pink. Very floriferous and distinct in color.
- Queen Victoria.** Rich vermilion, broadly margined pure white; upper petals very crispy and of blotched maroon color.
- Triomphe de St. Mandé.** Rich magenta, suffused crimson, with trusses resembling those of a Hydrangea; dwarf sturdy habit; exceedingly showy and free.
- Volonte Nationale Album.** Pure white; large and beautifully fringed flowers.
- Zenobia.** Blackish maroon; upper petals surrounded with crimson and edged with light rose; under petals rosy crimson, spotted maroon; light center.

Geraniums.

For novelties see Novelty List (at beginning of catalogue).

Price (except where noted,) 2½-inch pots, 15 cts. each; \$1.50 per doz.; 4-inch pots, 25 cts. each; \$2.50 per dozen.

- Adolph Griminger.** Double; bright crimson.
- Beatrice Kelway.** Double; flesh-tinted salmon, lighted up with white.
- Compte de Belsan.** Single; pink edged white.
- Copernic.** Double; light pink, very large; of dwarf habit
- Dr. Phinney.** Double; light crimson.
- Fred Kanst.** Single; bright scarlet; a grand sort.
- Gloire de France.** Double; carmine and white, of waxy appearance.
- Jeanne d'Arc.** Single; bright scarlet, edged and feathered white.
- Lord Palmerston.** Single; crimson; large.
- Louis Boutard.** Double, dark salmon center, lighter border.

GERANIUMS.—Continued.

- Madame Ayme de la Chevreliere.** Double; white.
Madame Charlotte. Double; purple.
Nellie Woods. Single; bright salmon, marbled white.
Petite Jeanne. Double; large; pink.
Queen of the Belgians. Double; white.
Sam Sloan. Double; very dark crimson.
S. A. Nutt. Double; rich dark crimson; trusses massive.
Scarlet Cloth. Single; scarlet; large.
Theodore Lavalie. Single; pure salmon, center netted white; free bloomer.
Wonderful. Semi-double; scarlet.

Golden-Tricolored Varieties.

Price, 2½-inch pots, 20c each; \$2.00 per dozen; 3-inch pots, 25c each; \$2.50 per dozen.

- Crystal Palace.** **Marshal Mac Mahon.** **Mrs. Pollok.** **Sunset.**

Silver-Leaved Varieties.

- Madame Solleroi.** 10c each; \$1.00 per dozen.
Mountain of Snow. 15c each; \$1.50 per dozen.

Sweet-Scented Varieties.

Price, 15c each; \$1.50 per dozen.

- Fernifolia (odorata);** **Mrs. Taylor;** **Rose-Scented;** **Rose-Scented Variegated;** **Scarlet-Flowering Rose Geranium.**

Ivy-Leaved Varieties.

Price, 15c each; \$1.50 per dozen.

- Bridal Wreath;** **Cramvisii;** **Eden Marshii;** **Edward Charton;** **Galilee;** **Gloire de Lorraine;** **Henry Martin;** **La France;** **La Mauve;** **Souv. de Chas. Turner.**

Fuchsias.

For novelties see Novelty List (at beginning of catalogue).

Price, 2½-inch pots, 10c each; \$1.00 per dozen; 4-inch pots, 25c each; \$2.50 per dozen.

- Buffon.** Corolla white, tinted rose; of good habit. A decided acquisition.
Colonel Domine. Double; corolla very large, tubes and sepals rosy-lake.
Duke of Albany. Single; purple; drooping, large size and good form.
Jumna. Double; corolla rich purple, base marked rosy-crimson; enormous size.
Jupiter. Double; corolla rosy-violet, sepals bright coral-red.
Minnesota. Single; purple.
Miss Lucy Finnis. Double; corolla pure white, tubes and sepals coral-red.
Mohlesworth. Double; corolla white, tubes and sepals bright carmine.
Monsieur Thibaut. Single; corolla rose-vermilion, sepals dark red.
Mrs. E. G. Hill. Double; corolla creamy-white and very large, sepals dark red and much reflexed.
Phenomenal. Corolla azure-violet; enormous size, very double and wide; a grand variety.
Regent. Corolla violet-blue, sepals violet-carmine, recurved; large flowers of finest form.
Storm King. Double; corolla pure white; very large.

Cannas.

For novelty see Novelty List (at beginning of catalogue).

Price, 25c each; \$2.50 per dozen.



GROUP OF CANNAS.

Alphonse Bouvier. Bright cardinal red; enormous truss; spikes freely produced; height 3½ feet.

Capitaine P. De Suzzoni. Clear yellow shade, slightly spotted; large and good; foliage light green; height 4 feet.

Charles Henderson. One of the finest crimsons; habit of growth very compact and uniform.

Duchesse de Montenard. Bright yellow, spotted red; very large; foliage green; height 4½ feet.

Ehemani. Crimson, produced in masses; foliage rich green.

Emile Leclerc. Bright golden yellow, spotted crimson; large; pea-green foliage. A lovely sort.

Enfant du Rhone. Rosy-salmon, overlaid and striped with orange-scarlet; foliage green; very free bloomer; height 3½ feet.

Florence Vaughan. Undoubtedly one of the finest yellow spotted varieties yet sent out; bright, rich golden-yellow, spotted bright red; flowers very large and of good substance; foliage massive, of a rich green color; height 3 feet.



CANNAS.—Continued.

- Geoffroy St. Hillaire.** Rich scarlet overlaid with orange; foliage bronze-purple; very free bloomer; height 4½ feet.
- Gustave Sennholz.** Salmon, smoothly shaded with lighter salmon; very large; foliage deep green; height 3½ feet.
- Ingenieur Alphand.** Deep carmine-red; dark purplish foliage; height 4 feet.
- J. D. Cabos.** Orange-apricot; foliage elegant bronzy-purple. A beautiful variety; height 4 feet.
- Mad. Crozy.** Orange-scarlet; petals bordered with golden-yellow; immense trusses. Foliage bright green. One of the best; height 4 feet.
- M^{lle} de Cruillon.** Light yellow, shading to terra-cotta; large; foliage green; height 4 feet.
- Mr. Lefebvre.** Cerise-carmine with dark shadings; foliage dark bronzy-purple; height 4½ feet.
- P. Marquant.** Deep salmon, passing to rose-tinted carmine; splendid green foliage; height 4½ feet.
- Queen Charlotte.** For description, see Novelty List. Price, 50c each.
- Robusta perfecta.** Immense leaves 12 to 18 inches wide and 3 feet long, of a bright bronze color.
- Secretairæ Nicolas.** Rich salmon-red overlaid with orange; foliage pea-green; height 3½ feet.
- Ventura.** Light red, overlaid with carmine; foliage deep green; height 4 feet.

Orchids.

- Calanthe Veitchii.** Price, \$2.00 to \$3.00 each.
- Cattleya Mossiæ.** Price, \$2.50 to \$3.00 each.
- Cattleya Percivaliana.** Price, \$3.00 to \$5.00 each.
- Cattleya Trianae.** Price, \$2.00 to \$3.00 each.
- Dendrobium nobile.** Price, \$1.50 to \$3.00 each.
- Lælia anceps.** Price, \$1.00 to \$2.00 each.
- Lælia albida.** Price, \$2.00 to \$3.00 each.
- Odontoglossum crispum.** Price, \$2.50 to \$3.00 each.
- Oncidium Papilio.** Price, \$2.00 to \$3.00 each.
- Boxallii.** Price, \$2.00 to \$3.00 each.
- Dominianum.** Price, \$2.00 to \$4.00 each.
- Harrisianum.** Price, \$2.00 to \$3.00 each.
- Insigne.** Price, \$1.50 to \$2.50 each.
- Sedeni.** Price, \$2.00 to \$3.00 each.
- Villosum.** Price, \$2.00 to \$3.00 each.

Cypripediums (*Lady's Slipper*).

- Boxallii.** Price, \$2.00 to \$3.00 each.
- Dominianum.** Price, \$2.00 to \$4.00 each.
- Harrisianum.** Price, \$2.00 to \$3.00 each.
- Insigne.** Price, \$1.50 to \$2.50 each.
- Sedeni.** Price, \$2.00 to \$3.00 each.
- Villosum.** Price, \$2.00 to \$3.00 each.

Violets.

Our nurseries at Menlo Park are famous the world over for their beautiful beds of violets, acres of which can be seen growing in the shade of the majestic oaks that abound there. We have for years devoted much attention to their culture. Violets may be planted during the months of December, January and February. Have the ground well prepared, and fertilized with decayed manure; after planting, if rain should not ensue, give them a watering and, when the plants are well established, mulch the beds with old, well-pulverized manure. Violets prefer the shady nooks of the garden. Enough cannot be said in praise of this modest little flower, coming to us, as it does, in the gloomy period of the year, when we have few other flowers to cheer us. They perfume the air with their sweet fragrance at a time when all other nature seems asleep.

The California. For description see inside page of back cover. Price, 2 for 25c; 75c per dozen; \$5.00 per 100.

Lady Hume Campbell. This is a beautiful double blue; it is a grand forcing variety and also does admirably out-of-doors. It is a strong grower; very healthy and free from disease, and a constant and profuse bloomer. Price, 2 for 25c; 75c per dozen.

Princesse de Galles. Single, dark blue, very large; foliage very dark. A variety of French origin. Price, 20c each; \$2.00 per dozen.

White Czar. Single white; strong grower; free bloomer. Price, 20c each; \$2.00 per dozen.

The following standard varieties we offer at 10c each; 50c per dozen; \$4.00 per 100.

Czar (Russian). Single purple, very dark and sweet; vigorous grower, flowers borne on long, erect stems.

Double Russian. Large, deep purple, long stems.

Mad. Millot. Double pink, inclined to red; exceedingly fragrant, and free bloomer; a very desirable sort for those who love violets to add to their collection. It is not generally known how unique and beautiful this variety is.

Marie Louise. Dark purple, very large, double and sweet; profuse bloomer, and regarded by many as the finest of all double violets.

Neapolitan. Light purple, large, double and deliciously sweet, profuse bloomer.

Swanley White. Finest double white, very sweet; should be given more sunlight than the purple varieties, as the flowers are liable to a greenish tint when too much shaded.

Bedding and Border Plants.

ABUTILON. Flowering Maple. Price, 3-inch pots, 20c each.

Ball of Snow. Pure single white

Darwini. Bright orange, darker veinings, fine cupped form; dwarf habit.

Duke de Malakoff. Orange.

Golden Bells. Pure yellow; single; very free.

Roseaflora. Beautiful rosy-pink.

Thompsoni flora-plena. Double orange; leaves prettily spotted yellow.

Achyranthes. Indispensable for bedding. Price, in variety, \$1.00 per dozen; \$5.00 per 100.

Ageratum. A very useful plant for ribbon work, producing blue flowers in great profusion. Price, 50c per dozen; \$3.00 per 100.

Aquilegia. Columbine. Price, 15c each; \$1.50 per dozen.

Alternanthera. Used for carpet and ribbon gardening. Price, 75c per dozen; \$5.00 per 100.

Anthemis coronaria flora-plena. Double Golden Marguerite. Price, 3-inch pots, 15c each; 4-inch pots, 25c each.



BEDDING AND BORDER PLANTS.—Continued

- Armeria.** Thrift. Sea Pink. Price, 10c each; \$1.50 per dozen.
- BOUVARDIA.** Price, 25c each; \$2.50 per dozen.
- Davidsoni.** Pure white, flowers produced in great abundance; one of the most useful of them all, and grown very extensively.
- Dazzler.** Rich scarlet; free and large.
- President Cleveland.** A splendid crimson-scarlet; large flowers and very free.
- Brugmansia sanguinea.** Price, 2½-inch pots, 15c each; 3-inch pots, 25c each.
- Centaurea candidissima.** Leaves downy, very white; flowers purple. Price, 15c each; \$1.50 per dozen.
- Coleus.** Well known; having leaves of many colors, shades and shapes. Price, 15c each; \$1.50 per doz.
- Cuphea platycentra.** Cigar Plant. Price, 10c each; \$1.00 per dozen.
- Daisies.** Fine assortment, including that grand variety, **Snow Crest.** Price, 50c per dozen; \$3.50 per 100.
- ECHEVERIAS** (*Cotyledon*). Hen and Chicken. We offer the following sorts:—
- Agavoides.** Price, 35c each. **Edulis.** Price, 25c each.
- Globosa.** Price, 35c each. **Metallica.** Price, 25c each.
- Secunda.** Price, 50c per dozen. **Secunda glauca.** Price, 75c per dozen.
- Feverfew** (*Pyrethrum Parthenium*). Price, 50c per dozen; \$3.50 per 100.
- Forget-me-not** (*Myosotis*). Price, 50c per dozen; \$3.50 per 100.
- Gnaphalium** (The Edelweiss). Price, \$1.00 per dozen; \$6.00 per 100.
- Heliotrope** (*Heliotropium*). Dark and light colors. Price, 15c each; \$1.50 per dozen.
- For novelties see Novelty List (at beginning of catalogue).
- Marguerite.** Single White. Single Yellow. Price, 3-inch pots, 15c each; \$1.50 per doz.
- “ Semi-Double White. For description see Novelty List. Price, 4-inch pots, 25c each.
- Nasturtium.** For novelties see Novelty List (at beginning of catalogue).
- Pansy, Sweet Scented.** For description see Novelty List (at beginning of catalogue). Price, 25c each.
- Petunia.** Large, double flowering varieties. Price, 10c each; \$1.00 per dozen.
- Salvia. Splendens and Marginata.** A showy class of bedding plants. Price, 10c each; \$1.00 per doz.
- Strobilanthes Dyerianus.** For description see Novelty List (at beginning of catalogue). Price, 3-inch pots, 25c each; 4-inch pots, 40c each.
- Verbenas.** We have a fine lot of those deservedly popular bedding plants to offer. Price, \$1.00 per dozen. For novelty see Novelty List (at beginning of catalogue).

Bulbous and Tuberous Rooted Plants.

- Agapanthus umbellatus.** Price, 5-inch pots, 50c each.
- Begonia, tuberous rooted.** Price, 3-inch pots, 20c each; 4-inch pots, 30c each.
- Crinum amabile.** Produces umbel-shaped, pure white flowers; beautiful and fragrant. Price, 50c and 75c each.
- Dahlia.** Named Double. Single and Cactus Varieties. Price (ready 1st April), 3-inch pots, 15c each; \$1.50 per dozen.
- Dahlia Imperialis.** The most beautiful of all dahlias; it grows ten or twelve feet high, and bears panicles of elegant, lily-like flowers, measuring eight inches from tip to tip of petals. The color is a very delicate mauve, almost white, veined with pink and with a ring of pink around the orange-yellow center. Price (ready 1st April), 3-inch pots, 15c each; \$1.50 per dozen.
- Eucharis amazonica.** Amazonian Lily. Price, 4-inch pots, 35c each; 5-inch pots, 50c each.
- Imantophyllum miniatum** (*brick colored*). Price, 4-inch pots, 35c each; 5-inch pots, 50c each.
- Pæonia, Herbaceous.** Assorted colors. Price, 25c each; \$2.50 per dozen.
- Pæonia, Tree.** Price, \$1.00 each.
- Rodhea japonica alba.** Price, 25c and 50c each.

Miscellaneous Plants.

- Algaroba.** Price, 25c to 50c each.
- Cereus grandiflorus.** Night-blooming Cereus. Price 4-inch pots, 35c each; 5-inch pots, 50c each.
- Cocoloba platyclada.** Price, 3-inch pots, 15c each; 5-inch pots, 25c each.
- Crassula coccinea.** Price, 3-inch pots, 25c each.
- Digitalis grandiflora.** Foxglove. Price, large plants, 25c each.
- Echium albicans.** Price, 25c each.
- Ginger Plant** (*Zingiber officinale*). Jamaica Ginger Root. Price, each, 4-in. pots, 25c; 5-in. pots, 35c.
- Hanging Baskets.** Price, \$3.00 to \$5.00 each.
- Hollyhock.** Price, 10c each; \$1.00 per dozen. Plants ready April 1st.
- Lotus peltorhynchus.** For description see Novelty List (at beginning of catalogue). Price, 25c each.
- Lavender.** Price, 15c each.
- Opuntia.** Edible Cactus. For description see Novelty List (at beginning of catalogue). Price, 50c to \$1.00 each.
- Poppy, oriental** (*Papaver orientale*). Price, 25c each; \$2.50 per dozen
- Rosemary.** Price, 5-inch pots, 25c each.
- Sacaline** (*Polygonum sachalinense*). Price, 10c each; \$1.00 per dozen; \$7.00 per 100.
- Saxifraga sarmentosa.** Price, 10c each; \$1.00 per dozen.
- Tea Plant.** Price, 15c each; \$1.50 per dozen.
- Thryasacanthus rutilans.** For description see Novelty List (at beginning of catalogue). Price, 50c each.

Omission.

- Cypress.** Monterey. Transplanted in boxes, 1 to 1½ feet, \$2.50 per 100; \$17.50 per 1,000.
- Eucalyptus.** Blue Gum. Transplanted in boxes, 1 to 1½ feet, \$2.50 per 100; \$17.50 per 1,000.
- Eucalyptus.** Red Gum. Transplanted in boxes, 1 to 1½ feet, \$2.50 per 100; \$17.50 per 1,000.

(For other sizes, see under head of "Evergreen Trees and Shrubs.")



Fruit Department.

For novelties see Novelty List (at beginning of catalogue).

Apples.

Price, 5 to 6 feet, 20c each; \$1.50 per 10; \$12.50 per 100; 1 year, 3 to 4 feet, 15c each; \$1.25 per 10; \$10 per 100.

Special quotations on lots of 500 trees and over.

Summer Varieties.

American Summer Pearmain. Early Harvest. Gravenstein. Red Astrachan.

Autumn Varieties.

Alexander. Hoover. Red Bietigheimer.
Fall Pippin. Jonathan. Rhode Island Greening.
Golden Russett. King of Tompkins County.

Winter Varieties.

Arkansas Black. Northern Spy.
Baldwin. Smith's Cider.
Ben Davis. Swaar.
Esopus Spitzenberg. White Winter Pearmain.
Lady Apple. Winesap.
Lawver. Yellow Bellflower.
Yellow Newton Pippin.

Crab Apples.

Price, same as apples.

Hyslop. Transcend.
Red Siberian. Yellow Siberian.

Pears.

Price (on pear stock), 5 to 6 feet, 25c each; \$2.00 per 10; \$12 per 100; 1 year, 3 to 4 feet, 20c each; \$1.50 per 10; \$10 per 100.

Special quotations on lots of 500 trees and over.

Summer Varieties.

Bartlett. Clapp's Favorite.
Beurré Giffard. Lawson or Comet.
Bloodgood. Madeline.

Autumn Varieties.

Beurré Bosc. Beurré Hardy.
Beurré Clairgeau. Idaho.
Beurré d'Anjou. Kieffer's Hybrid.
Beurré Diel. Seckel.
Dana's Hovey (Winter Seckel).

Winter Varieties.

Easter Beurré. P. Barry.
Forelle or Trout. Winter Nelis.
Glout Morceau. Zoe.



I. X. L. ALMOND.

Cherries.

Price, 1 year, 5 to 6 feet, 25c each; \$2.00 per 10; \$12 per 100; 3 to 4 feet, 20c each; \$1.50 per 10; \$10 per 100.

Special quotations on lots of 500 trees and over.

Hearts and Bigarreaux (Sweet sorts).

Belle d'Orleans. Centennial. Great Bigarreau.
Black Tartarian. Early Purple Guigne. Lewelling (Black Republican).
Burr's Seedling. Governor Wood. Napolcon Bigarreau (Royal Ann).
Yellow Spanish.

Dukes and Morellos (Sour and tart sorts).

English Morello. May Duke. Olivet. Reine Hortense.



Plums.

Price, 1 year, 5 to 6 feet, 25c each; \$2.00 per 10; \$12 per 100; 3 to 4 feet, 20c each; \$1.50 per 10; \$10 per 100.

Special quotations on lots of 500 trees and over.

Bradshaw.
Cherry Plum.
Clyman.

Damson.
Duane's Purple.
Early Golden Drop.
Washington.

Green Gage.
Imperial Gage.
Jefferson.
Yellow Egg.

Peach Plum.
Quackenboss.
Royal Hative.

Japanese Varieties.

Botan.
Burbank.

Chabot Blood.
Kelsey Japan.

Simon.
Satsuma (Blood Plum of Satsuma).

Prunes.

Price, on Myrobolan, 1 year, 5 to 6 feet, 25c each; \$2.00 per 10; \$10 per 100; 3 to 4 feet, 20c each; \$1.50 per 10; \$9 per 100.

Special quotations on lots of 500 trees and over.

Bulgarian.
Datte de Hungrie

Fellenberg.
French (Petite d'Agen).
German.

Golden.
Hungarian (Pond's Seedling).
Robe de Sargent.

Silver.
Tragedy.

We also grow the French Prune on peach root. 5 to 6 feet, price, 20c each; \$1.50 per 10; \$12 per 100.



RUBRA OLIVE.

Peaches.

Price, 1 year, 5 to 6 feet, 20c each; \$1.50 per 10; \$12 per 100; 3 to 4 feet, 15c each; \$1.25 per 10; \$10 per 100.

Special quotations on lots of 500 trees and over.

Freestone Varieties.

Ripening nearly in order named.

Briggs' May.
Alexander.
Governor Garland.
Early Imperial.
Yellow St. John.
Hale's Early.
Strawberry.
Foster.
Early Crawford.
Snow.

Mary's Choice.
Elberta.
Wager.
Newhall.
Late Crawford.
Muir.
Susquehanna.
Picquet's Late.
Salway.

Clingstone Varieties.

Ripening nearly in order named.

Tuskana.
Blood Cling (Indian Blood).
Chinese.
Large White.
Lemon.
Sellers.
Runyon's Orange.

Nichol's Orange.
McKevitt's.
California.
Heath.
McDevitt's.
Henrietta.

Apricots.

Price, 1 year, 4 to 6 feet, 20c each; \$1.50 per 10; \$12 per 100; 3 to 4 feet, 15c each; \$1.25 per 10; \$10 per 100.

Special quotations on lots of 500 trees and over.

Blenheim.
Early Moorpark.
Early Rivers.
Newcastle.
Hemskirk.
Luizet.
Moorpark.

Peach.
Royal.
St. Ambrose

Apricots on Myrobolan.

Price, 1 year, 4 to 6 feet, 25c each; \$2.00 per 10; \$15 per 100.

Special quotations on lots of 500 trees and over.

Blenheim.

Hemskirk.

Moorpark.

Royal.

Nectarines.

Price, 1 year, 5 to 6 feet, 25c each; \$2.00 per 10; \$15 per 100.

Special quotations on lots of 500 trees and over.

Boston.

Early Newington.

Lord Napier.

New White.

Victoria.

Quinces.

Price, 4 to 5 feet, 25c each; \$2.00 per 10.

Apple or Orange. Champion. Portugal. Rea's Mammoth.

Figs.

Price, 4 to 6 feet, 35c each; \$3.00 per 10; 3 to 4 feet, 25c each; \$2.00 per 10.

Agen. Du Roi. Smyrna.
California Black. San Pedro. White Adriatic.

Nut Bearing Trees.

Almonds.

Price, 5 to 6 feet, 20 cts. each; \$1.50 per 10; \$10 per 100; 3 to 4 feet, 15 cts. each; \$1.25 per 10; \$8. per 100.

Special quotations on lots of 500 trees and over.

California Paper Shell. I. X L. Languedoc. Ne Plus Ultra.
Commercial. La Prima. Lewelling's Prolific. Nonpareil.

Chestnuts.

American Sweet. Price, 3 to 4 feet, 50c each; Japan Mammoth. Price, 4 to 6 feet, 75c each;
\$4.00 per 10. \$6.00 per 10.
Spanish or Italian. Price, 4 to 5 feet, 50c each Maron de Lyon. Price, 4 to 5 feet, 75c each;
\$4.00 per 10. \$6.00 per 10.

Filberts.

English Red. Price, 3 to 4 feet, 50c each; \$4.00 Purple Leaved. Price, 3 to 4 feet, 50c each; \$4.00
per 10. per 10.
Merville de Bollwiller. Price, 3 to 4 feet, 50c each;
\$4.00 per 10.

Walnuts.

American Black. Price, 6 to 8 feet, 35c each; \$3.00 Franquette. Price, 4 to 6 feet, 75c each; \$6.00 per
per 10. 10.
California Black. Price, 6 to 8 feet, 40c each; Praparturien. Price, 4 to 6 feet, 60c each; \$5.00
\$3.50 per 10; 8 to 10 feet, 45c each; \$4.00 per 10. per 10; 6 to 8 feet, 75c each; \$6.00 per 10.
Chaberte. Price, 4 to 6 feet, 75c each; \$6.00 per Santa Barbara Soft Shell. Price, 4 to 6 feet, 35c
10. each; \$3.00 per 10; 6 to 8 feet, 50c each; \$4.00
English. Price, 4 to 6 feet, 35c each; \$3.00 per 10; per 10.
6 to 8 feet, 50c each; \$4.00 per 10. Vourey. Price, 4 to 6 feet, 75c each; \$6.00 per 10.

Pecan Nut.

Price, 4 to 5 feet, 50c each, \$4.00 per 10.

Pistachio Nut.

Price, 4 to 5 feet, 75c each.

Olives.

The following varieties. Price, 3 years, 3 to 5 feet, 25c each; \$2.00 per 10; \$17.50 per 100.

Special quotations on lots of 500 trees and over.

Atroviolacea. Oil and pickling. Oblonga. Oil and pickling.
Columbella. Oil and pickling; does well on rich Picholine. Pickling.
or poor soil; ripens late. Pendulina. Oil and pickling; ripens early.
Manzanillo. Oil and pickling; does well in many Razzo. Oil; prefers protected hillsides where
kinds of soils, but not in very dry shallow the soil is deep, rich and well drained.
land. Rouget (or Cayon in California). Oil and pickling;
Mission. Oil and pickling. very hardy, especially adapted to soils of poor
Nevadillo Blanco. Oil; does remarkably well in a quality; ripens late.
great variety of soils and locations; ripens Uvaria. Good in rich or poor soils.
early

The following varieties. Price, 3 years, 3 to 5 feet, 30c each; \$2.50 per 10; \$20 per 100.

Lucques. Oil; on dry, shallow soils it is a failure, Rubra. (3 to 4 feet.) Oil; does not like low, rich
does best on hillsides where the soil is deep; bottom land, succeeds best in poorer soil.
very early. Verdale. Pickling; requires good deep soil
Nigerina. Oil.

The following varieties. Price, 3 years, 3 to 4 feet, 40c each; \$3.50 per 10; \$30.00 per 100.

Macrocarpa. Pickling; good in warm, dry, ele- Polymorpha. Oil and pickling.
vated situations. Regalis. Pickling.

The Queen. Dormant buds, 50c each.



Oranges.

Price, 4 to 5 feet, *bulled*, \$1.50 each; \$12.50 per 10; 4 to 5 feet, *naked roots*, 50c each; \$4.00 per 10; \$30.00 per 100.
 Joppa. Mediterranean Sweet. Valencia Late. Washington Navel.

Lemons.

Price, 4 to 5 feet, *bulled*, \$1.50 each; \$12.50 per 10; 4 to 5 feet, *naked roots*, 50c each; \$4.00 per 10; \$30.00 per 100.
 Eureka. Lisbon. Villa Franca.

Limes.

Imperial. 50c each; \$4.00 per 10.

Persimmons.

Japanese (*Diospyros Kaki*). Named sorts, grown here two years. Price, 4 to 6 feet, 40c each; \$3.50 per 10.
 Japanese. Named sorts, imported, 3 to 4 feet, 20c each; \$1.50 per 10.
 American. Price, 4 to 6 feet, 50c each.

Loquats.

Grafted. Price, 3 to 4 feet, \$1.00 each; \$8.00 per 10. Seedlings. Price, 2 to 3 feet, 50c each; \$4.00 per 10.
 Giant. Price, 2 to 3 feet, \$1.00 each; \$8.00 per 10.



THE LOGAN BERRY.

Grapes.

Foreign, Table, Raisin and Wine Varieties.

Price, 15c each; \$1.00 per 10; \$4.00 per 100.
 Special quotations on larger quantities.

Almeira.
 Black Ferrara.
 Black Hamburg.
 Black Morocco.
 California or Mission.
 Chasselas de Fontainebleau
 (White Sweetwater).
 Emperor.
 Flame-Colored Tokay.
 General de la Marmorata.
 Gray Riesling.
 Malaga.
 Muscat of Alexandria.
 Muscatello Gordo Blanco.
 Rose of Peru.
 Sabalanski.
 St. George Pinot.
 Sultana.
 Thompson's Seedling.
 White Corinth.
 Zante.
 Zinfandel.

Grapes—American Varieties.

Price (except where noted), 20c each; \$1.50 per 10.
 Catawba. Concord. Isabella.
 Delaware. 25c each; \$2.00 per 10.
 Moore's Early. 25c each; \$2.00 per 10.
 Riparia. Price, 10c each; \$1.00 per 10; \$5.00 per 100; \$20 per 1,000.
 The Pierce. Price, 25c each; \$2.00 per 10.

Small Fruits.

Currants.

Price, 10c each; \$1.00 per 10; \$6.00 per 100.

Black Grape.
 Cherry.

Fay's Prolific.
 Fertile de Palluau.

White Dutch.
 White Grape.



Gooseberries—American.

Price, 20c each; \$1.50 per 10; \$10.00 per 100.

Downing.

Houghton's Seedling.

Smith's Improved.

Gooseberries—English.

Price (except where noted), 20c each; \$1.50 per 10; \$10.00 per 100.

Berkeley.

Champion.

Industry (Whinham's), 30c each; \$2.50 per 10.

White Smith.

Dewberries.

Lucretia. Price, 15c each; \$1.00 per 10.

Mammoth White. Price, 15c each; \$1.00 per 10.

Blackberries.

Price (except where noted), 10c each; 50c per 10; \$3.00 per 100; \$15.00 per 1,000.

Crandall's Early.

Kittatiny

Early Harvest. 10c each; 75c per 10; \$5.00 per

Lawton.

100.

Wilson Junior. 10c each; 75c per 10; \$5.00 per

Evergreen. 15c each; \$1.00 per 10; \$8.00 per 100.

100.

Raspberries—Red Varieties.

Price, 10c each; 50c per 10; \$3.00 per 100; \$12.50 per 1,000.

Cuthbert.

Hansell.

Herstine.

Raspberries—Yellow Varieties.

Price, 15c each; 75c per 10; \$5.00 per 100.

Caroline.

Golden Queen.

Yellow Antwerp.

Raspberries—Black-Cap.

Price, 15c each; 75c per 10; \$5.00 per 100.

Davison's Thornless.

Gregg.

Mammoth Cluster.

Ohio.

Strawberries of Recent Introduction.

Australian Crimson or Everbearing. Price, 75c per dozen; \$2.00 per 100; \$10.00 per 1,000.

Hood River. Price, 75c per dozen; \$2.00 per 100; \$10.00 per 1,000.

Dollar. Price, 75c per dozen; \$2.00 per 100; \$10.00 per 1,000.

Mexican (Arizona Everbearing). Price, 75c per dozen; \$2.00 per 100; \$10.00 per 1,000.

Greenville. Price, 75c per dozen; \$2.00 per 100; \$10.00 per 1,000.

The Following Standard Varieties.

Price, 50c per dozen; \$1.50 per 100; \$6.00 per 1,000.

Bubach No. 5.
Captain Jack.Gandy.
Gillespie.Longworth's.
Michel's Early.Parker Earl.
Parry.Sharpless.
Wilson's Albany.

The Logan Berry (Raspberry—Blackberry).

Price, 50c each; \$4.00 per 10; \$30.00 per 100.

Japanese Wineberry.

Price, 20c each; \$1.50 per 10.

Miscellaneous Fruits.

Carob (*Ceratonia siliqua*), St. John's Bread. Price, 1 foot, \$1.00 each.

Hovenia dulcis (Chinese Raisin). Price, 6 to 8 feet, 75c each.

Guava. Price, 1 foot, 50c each.

Medlar, Nottingham. Price, 3 to 4 feet, 50c each.

Mulberries.

Downing. Price, 6 to 8 feet, 40c each; \$3.50 per 10.

Russian. Price, 6 to 8 feet, 50c each, \$3.50 per 10.

Persian. Price, 4 to 6 feet, 50c each.

Pomegranates.

Price, 3 to 4 feet, 35c each; \$3.00 per 10.

Paper Shell.

Spanish Ruby.

Sweet Fruited.

The 100 rates quoted on the foregoing fruit trees are principally for lots containing an assortment of varieties. On 100 tree lots in a few sorts we will, on application, allow lower rates.



ATRIPLEX SEMIBACCATUM

(Australian
Salt Bush)



That *Atriplex semibaccatum* is a good fodder plant is now proved beyond a doubt. It has been tried this last season, without irrigation, in the hot San Joaquin Valley, on land pregnant with alkali, and the growth it has made is wonderful. It is of creeping habit. Small plants set in alkaline spots have attained a thick matted growth sixteen feet in diameter, in a single season. The crop (calculated on the basis of the cut from a small area) should reach twenty tons of green feed, or five tons dry; and, under favorable conditions, two such cuts can be made each season. Three parts of this forage mixed with one part of common hay is readily eaten by horses and cattle. Sheep and hogs eat the green plant readily, and poultry thrive on it. The nutritive value of Salt Bush is very satisfactory, and the importance of such a plant for alkaline soils, which have hitherto been sterile and unproductive, can hardly be overestimated.

The plant is indigenous to Australia, where it is the mainstay of stock during the dry season. It must not be inferred that stock eat it because they have nothing else to eat; rather the reverse, they seem to prefer it to other feed.

Set out the small plants several feet apart, when a few inches high. This is the surest way to get the plants established, although, if the seed is scattered on the surface of the alkaline soil before rain, it germinates readily. The plant gives abundance of seed, so that when once established, a crop grows every year. There is no danger of its becoming a nuisance, as it can, when desired, be eradicated.

We this season offer *Atriplex* in large sample packets only, so that our patrons may judge for themselves the merits of this fodder plant. Price, 25 cents per packet.

Mammoth Single Violet

"THE CALIFORNIA"

Flowers, $1\frac{1}{2}$ to 2 inches across
Stems, 10 to 18 inches long

A little over a year ago we had the honor of christening with the name of our glorious State this superb Violet, and to-day "The California" is as familiar to our citizens as the Star Spangled Banner. For the benefit of those who have not seen this wonderful work of nature, we submit that it is a single blue, of unchanging hue, and the largest variety of violet known in this, or any, age. "The California" Violet is a profuse bloomer, and more fragrant than the rose.

We have a fine lot of strong, well-rooted young plants, free from disease, and sure to grow. Price, 2 for 25 cents; 12 for 75 cents; 100 for \$5.00.



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THE HOME GARDEN
IS NOT

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STOWELLS EVERGREEN



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