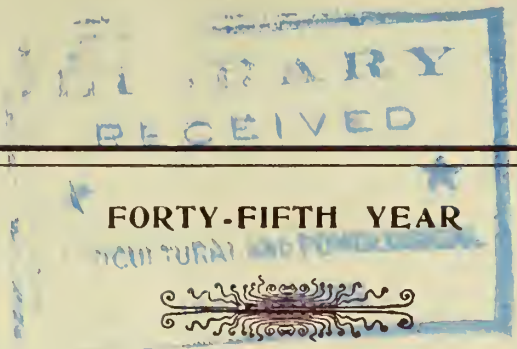


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1852

FORTY-FIFTH YEAR

1897

Descriptive Catalogue

—OF—

New and Rare Plants

EVERGREEN TREES, ORNAMENTAL SHRUBS,

ROSES ^{and} FLOWERING BULBS

BULBS, FLOWER AND TREE SEEDS, VEGETABLE,
SEEDS, GRASS AND CLOVER SEEDS, FRUIT
TREES, SMALL FRUITS, ETC.

Grown, Imported and For Sale by

H. M. SANBORN

Telegraph Avenue and Twenty-sixth Street,
OAKLAND, CAL.

Nursery Depot and Seed Store,

517 FOURTEENTH STREET,

NEAR CITY HALL,

LOCK BOX 331

TELEPHONE 576 MAIN.



OAKLAND, CAL.

TRIBUNE PUBLISHING CO., PRINTERS

1897

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BLE SEEDS, GRASS AND CLOVER
SEED, FRUIT TREES, SMALL
FRUITS, GARDEN HARD-
WARE, ETC., ETC., ETC.

GROWN, IMPORTED AND FOR SALE BY

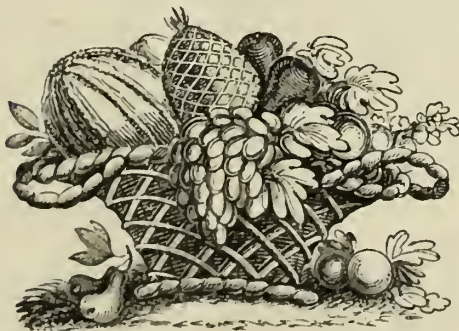
H. M. SANBORN

NURSERY DEPOT AND SEED STORE

No. 517 FOURTEENTH STREET.

LOCK BOX 331.

NURSERIES, COR. TWENTY-SIXTH ST. AND TELEGRAPH AVE.
BRANCH NURSERY AT PIEDMONT.



OAKLAND, CAL.

TRIBUNE PUBLISHING COMPANY, PRINTERS

1897.

H. M. SANBORN'S

Descriptive Catalogue.

TO MY FRIENDS AND PATRONS :

I take pleasure in sending my annual New Year greeting, and thank you heartily for the liberal trade bestowed on me during the past season, and also for the numerous letters filled with the highest praises of my choice California Seeds.

Last season I made thousands of new customers and received many flattering testimonials. The marked increase in my business every year is the best evidence I have that my Seeds and Plants, and also my upright method of doing business, give satisfaction to all who deal with me.

California is the garden spot of the United States. The long, cool summers in the vicinity of San Francisco Bay are found to produce seeds of a higher germinating quality than any section yet tried in the United States; crops are not subject to the extreme hot weather of the growing season of the Eastern States; for this reason seeds produced in California are better than those grown in the Eastern States, or so-called *Northern* grown seeds.

The critical tests and expensive trials I make, enable me to offer seeds only of the *purest strains* and *highest vitality*. I have introduced in the past few years many of the finest novelties, and again this year offer many more that cannot be obtained elsewhere.

All orders, whether large or small, receive from me the same prompt and careful attention; I fill all in the order of their reception, and unless greatly rushed, the same day I receive the order. I wish my customers to remember that it is my determination to please all who deal with me, and if mistakes occur they are wholly unintentional, and will be promptly rectified as soon as I am informed of them. I would like to hear from every package I send out. If the purchaser is satisfied it is pleasant to know it; if not, I intend to see that he or she becomes so.

This Catalogue is mailed free to all customers of last year, and I will esteem it a favor if my friends will send me the names and addresses of any one interested in agriculture to whom I may send copies.

Correspondents will greatly oblige me by observing, as far as possible, the following points in making out their orders :

1st. All orders should be sent in as early as possible, and should be legibly written out on a separate sheet, and not mixed up in the body of the letter, thereby saving me a great deal of trouble, and tending to prevent mistakes.

2d. Where particular varieties are ordered, and particular ages and sizes of trees, kinds of stock, etc., it should be stated whether, and to what extent, substitution will be allowed in case the order cannot be filled to the letter, as happens occasionally in all establishments.

3d. All trees and plants are carefully labeled and securely packed in the best manner, for which a moderate charge, sufficient to cover cost of material only, will be made ; but no charge is made for the delivery of packages at the railroad or express offices.

4th. It is requested that explicit directions for marking and shipping packages accompany each order. When it is left to me to choose the mode of conveyance, I will exercise my best judgment ; but as all articles are at the risk of the purchaser after being shipped; I must not be held responsible for any loss or delay that may occur through the negligence of the forwarders.

5th. Orders to be sent by express, C. O. D., must be accompanied by at least one-half of the amount in cash ; otherwise they will receive no attention.

6th. My customers are requested to notify me immediately of any errors that may be committed in filling their orders, so that I may at once rectify the same, as I desire to conduct my business in all respects satisfactorily to those who favor me with their confidence.

7th. All orders from unknown correspondents must be accompanied by the cash or satisfactory reference.

8th. Remittances may be made by draft on San Francisco, Wells, Fargo & Company, and post-office money orders, or cash by express, prepaid.

9th. Small packages, not exceeding four pounds in weight, may be sent by mail, at an additional charge of one cent for each two ounces.

All communications to be addressed to

H. M. SANBORN,
517 Fourteenth Street, Oakland, Cal.

Box 331. Telephone 576.



Vegetable Seeds.

POSTPAID BY MAIL.

In comparing my prices with other Catalogues please remember that I PAY
POSTAGE ON ALL VEGETABLE SEEDS, except Beans, Corn and Peas.

ARTICHOKE.

LARGE GREEN GLOBE. The largest and best for general use. Packet,
10c ; ounce, 40c ; pound, \$3.50.

ASPARAGUS.

CONOVER'S COLOSSAL. Packet, 5c ; ounce, 10c ; $\frac{1}{4}$ pound, 20c ; pound, 50c.

PALMETTO. An improvement on Conover's. Packet, 5c ; ounce, 10c ;
 $\frac{1}{4}$ pound, 25c.

BEANS—DWARF OR BUSH.

HENDERSON'S NEW BUSH LIMA BEANS. Pound, 25c.

GOLDEN WAX. Pound, 10c.

REFUGE OR THOUSAND-TO-ONE. Very productive and good for pickling.
Pound, 10c.

WHITE WAX OR BUTTER (Stringless). A most excellent variety of this
class of beans, so highly esteemed for their white, tender and succulent pods ;
the seeds are white as well as the pods ; very prolific. Pound, 10c.

EARLY CHINA OR RED EYE. Very productive. Pound, 10c.

GERMAN BLACK WAX OR BUTTER (Stringless). Pound, 10c.

BROAD WINDSOR. Pound, 5c.

LARGE LIMA. The most buttery and delicious bean grown. Pound, 10c.

BEET.

An ounce will sow a drill 100 feet in length ; five or six pounds will sow an
acre.

DARK RED EGYPTIAN. A new variety and one of the earliest ; very deep
red, tender and delicious ; in form like the Flat Dutch Turnip. Ounce, 10c ;
 $\frac{1}{4}$ pound, 25c ; pound, 75c.

EARLY BLOOD TURNIP. The standard early sort; blood-red, turnip-shaped, and very tender, good for early use or late keeping. Ounce, 10c; $\frac{1}{4}$ pound, 25c; pound, 60c.

LONG BLOOD RED. A well-known, hardy variety; grows from ten to fourteen inches long, and from four to six inches thick. It is very productive. An excellent winter variety. Ounce, 10c; $\frac{1}{4}$ pound, 20c; pound, 60c.

NEW ECLIPSE. This new, early variety recently introduced, comes to us from E. BENARY, Germany, and is destined to supplant all other early Blood Beets, especially for market gardening. Ounce, 10c; $\frac{1}{4}$ pound, 25c; pound, 80c.

MANGEL WURZELS AND SUGAR BEETS.

Prices for one pound or less include postage by mail.

Grown for feeding stock.

MAMMOTH LONG RED MANGEL WURZEL. This improved variety of Mangel is the result of careful selection of selected roots, single specimens weighing from 40 to 50 pounds, and producing from 70 to 80 tons to the acre. Ounce, 10c; pound, 30c; 10 pounds and over, 25c per pound.

YELLOW GLOBE MANGEL WURZEL. A large, round, orange-colored variety, of excellent quality, which keeps better than the Long Red, and produces better crops on shallow soil. Ten pounds and over, 30c per pound; ounce, 10c; pound, 35c.

WHITE SUGAR BEET. Per pound, 35c.

BROCCOLI.

EARLY PURPLE CAPE. This is the variety most generally cultivated, producing large, close heads, of a brownish purple and is of excellent flavor. Packet, 5c; ounce, 35c; $\frac{1}{4}$ pound, \$1.25; pound, \$4.

BRUSSELS SPROUTS. Packet, 5c; ounce, 25c; pound, \$3.

SELECTED CABBAGE SEED.

EARLY JERSEY WAKEFIELD. Extra stock, very early and sure-headed; stock cannot be excelled. Packet, 5c; ounce, 15c; pound, \$2.50.

LARGE EARLY YORK. Larger and rather later than the preceding variety. Packet, 5c; ounce, 15c; pound, \$1.00.

EARLY WINNINGSTADT. Second early; heads solid in the hottest summer. Packet, 5c; ounce, 25c; pound, \$1.25.

EARLY SUGAR LOAF. An early cabbage with conical head, of medium size, but not very firm; cannot stand the heat of the south. Packet, 5c; ounce, 25c; pound, \$1.75.


IMPROVED AMERICAN SAVOY. Extra stock. Packet, 5c; ounce, 15c; pound, \$2.00.

LARGE LATE DRUMHEAD. Large solid heads. Fall and winter variety. Packet, 5c; ounce, 15c; pound, \$1.25.

HENDERSON'S EARLY SUMMER. The largest early variety. Packet, 5c; ounce, 15c; pound, \$1.50.

RED DUTCH. For pickling. Packet, 5c; ounce, 15c; pound, \$2.00.

CARROT.

 To Market Gardeners and others who use large quantities of Carrot Seed, we will make special prices on application.

HALF LONG ORANGE OR DANVERS. Packet, 5c; ounce, 10c; pound, 75c; five pounds or over, 60c per pound.

EARLY SCARLET HORN. This is one of the earliest; color, deep orange and finely flavored. Packet 5c; ounce, 10c; pound, 75c; five pounds or over, 65c per pound.

LONG WHITE OR BELGIAN. Grows to a large size; roots pure white; extensively raised for feeding stock. Packet, 5c; ounce, 10c; pound, 50c.

EARLY FRENCH FORCING. The earliest variety; valuable for forcing; root small and of fine flavor. Packet, 5c; ounce, 10c; pound, 75c.

LONG ORANGE. Of a deep orange color; excellent for table use. Packet, 5c; ounce, 10c; pound, 60c.

CAULIFLOWER.

EARLY SNOWBALL. Packet, 5c; ounce, \$2.

EARLY PARIS. Head rather large, white and compact, stock short. This is one of the earliest and tenderest sorts, particularly when sown in spring. Packet, 5c; ounce, 50c; pound, \$6.00.

CELERY.

HENDERSON'S WHITE PLUME. Per packet, 10c; ounce, 40c; pound \$4.00.

GOLDEN SELF BLANCHING. Similar to the White Plume in its self-blanching characteristics, but of a deep golden yellow color. Packet, 5c; ounce, 50c; pound, \$2.50.

TURNIP-ROOTED (Celeriac.) Turnip-shaped root, of celery flavor. Packet, 10c; ounce, 25c.

SOUP CELERY SEED, for flavoring pickles, soups, etc. Ounce, 10c; pound, 35c.

CORN--SWEET.

If ordered by mail 10 cents per pound must be added for postage. Twenty-five pounds sold at 100-pound rates.

All choice Eastern grown.

EARLY MINNESOTA. This we claim is the very best early sweet corn we have ever tried; plant dwarf; ears short but fine, and of excellent quality; it has a white cob, and is very desirable. Packet, 5c; pound, 10c; 100 pounds, \$9.00.

STOWELL'S EVERGREEN. Late, excellent, long keeper; ears large and very thick; this variety should be grown in every garden for late use. Packet, 5c; pound, 10c; per 100 pounds, \$8.00.

CROSBY'S EARLY SUGAR, OR BOSTON MARKET. One of the best of the early sorts; ear short. Packet, 5c; pound, 10c; per 100 pounds, \$8.00.

MAMMOTH. A vigorous, large, late variety, grown extensively in Alameda County for the San Francisco market. Packet, 5c; pound, 10c.

IMPROVED KING PHILLIP. A fine early variety for field crop. Pound, 10c; 100 pounds, \$5.00.

PARCHING. White, best for popping. Packet, 5c ; pound, 10c.

CORN SALAD. Large seed. Packet, 5c ; ounce, 15c ; pound, \$1.50.

CRESS OR PEPPERGRASS.

CURLED. Fine flavor, beautiful foliage. May be cut often, Packet, 5c ; ounce, 15c.

CHERVIL.

CHERVIL, CURLED, The young leaves are used in soups and salads. Packet, 5c ; ounce, 25c ; pound, \$2.00.

CHICORY.

One ounce will sow a bed $4\frac{1}{2} \times 30$ feet ; four pounds to the acre.

LARGE ROOTED. Packet, 5c ; ounce, 15c ; pound, \$1.50.

CUCUMBER.

EARLY CLUSTER. Packet, 5c ; ounce, 15c ; pound, 85c.

EARLY SHORT GREEN. Very productive ; good for table and pickles. Packet, 5c ; ounce, 15c.

EARLY FRAME. The standard variety and a most prolific bearer. Packet, 5c ; ounce 15c ; pound, 75c.

IMPROVED EARLY WHITE SPINE. For both market use and pickling this variety is now more largely sown than any other. Packet, 5c ; ounce, 15c ; pound, \$1.00.

LONG GREEN. The largest variety ; long, straight, smooth and solid. Packet, 5c ; ounce, 15c ; pound, 90c.

WEST INDIA GHERKIN. Very small variety, used wholly for pickling. Packet, 10c ; ounce, 25c ; pound, \$2.00.

EGG PLANT.

EARLY LONG PURPLE. Packet, 5c ; ounce, 25c.

ENDIVES.

GREEN CURLED. Beautifully curled, dark green leaves ; an excellent plant. Packet, 5c.

KALES OR BORECOLES.

TALL GREEN, CURLED SCOTCH. Packet, 5c.

GERMAN DWARF GREEN. Packet, 5c.

KOHL RABI OR TURNIP-ROOTED CABBAGE.

EARLY WHITE. A fine, early variety for table use. Packet, 5c.

LEEKS.

LARGE AMERICAN FLAG. A favorite variety with the market gardener. Packet, 5c; ounce, 15c; pound, \$1.50.

LETTUCE.

IMPROVED HANSON. Heads very large. Packet, 5c; ounce, 15c.

EARLY CURLED SIMPSON. Packet, 5c; ounce, 15c.

PARIS WHITE COS. One of the best of the upright varieties; tender and crisp, should be tied up to insure blanching. Packet, 5c; ounce, 15c; $\frac{1}{4}$ pound, 40c; pound, \$1.50.

MELONS—WATER.

LODI WATERMELON. A large, solid, cream-colored melon, with flesh deep red, of a rich, delicious flavor, with only half an inch of rind, white-seeded, originated in California about ten years ago. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 30c; pound, \$1.00.

KOLB GEM. This new Southern melon comes to us most highly recommended. Packet, 5c; ounce, 15c; $\frac{1}{4}$ pound, 30c; pound, \$1.10.

ICE CREAM. Very prolific, early and well adapted for cultivation in cold localities. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 40c; pound, \$1.00.

MOUNTAIN SWEET. The most popular variety and very productive. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 25c; pound, 85c.

MELONS—MUSK.

CASSABA. A musk melon of extraordinary size and delicious flavor, weight from twelve to fifteen pounds. Packet, 5c; ounce, 15c; $\frac{1}{4}$ pound, 50c; pound, \$1.25.

LARGE YELLOW CANTALOUPE. Of good size, netted and slightly ribbed; flesh salmon color, thick and musk flavored. Packet, 5c; ounce, 15c; $\frac{1}{4}$ pound, 30c; pound, 85c.

LARGE GREEN NUTMEG. The standard sort; fruit oval, good size, thickly netted, flesh light green, rich, sweet, melting, and highly perfumed; one of the finest. Packet, 5c; ounce, 15c; $\frac{1}{4}$ pound, 30c; pound, 85c.

MUSHROOM SPAWN.

Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in the summer. Take partially dry, fresh horse manure, and lay it in a heap to ferment; turn and mix well every few days, and when well and equally fermented, which will be from ten to fifteen days, it may be made into a bed four feet wide and about two feet deep mixing it well together, and beating or treading it firmly. As soon as the temperature of the bed falls from 75 to 50 degrees, the the spawn may be inserted in pieces about the size of a walnut, about two inches deep, and six inches apart. Cover with loamy soil about two inches deep, and beat it down evenly and firmly. Finish off with a covering of clean straw or hay, about a foot thick, to protect from heavy

rains. Water, when necessary, with luke-warm water, and expect mushrooms in from four to six weeks.

ENGLISH. For brick of one pound, each, 25c.

ONION SEED--NEW CROP.

WETHERSFIELD RED. One of the best varieties for a general crop of good size. Packet 5c; ounce, 25c; $\frac{1}{4}$ pound, 40c; pound, \$2.00.

DANVERS YELLOW. A fine large, round onion, very choice. Packet, 5c; ounce, 20c; $\frac{1}{4}$ pound, 40c; pound, \$1.25.

LARGE WHITE ITALIAN TRIPOLI. A new and excellent variety of quick growth and mild flavor. Packet, 10c; ounce, 40c; $\frac{1}{4}$ pound, \$1.10; pound, \$2.00.

LARGE YELLOW. A fine large, flat onion; forms bulbs readily. Packet, 5c; ounce, 20c; $\frac{1}{4}$ pound, 40c; pound, \$1.25.

WHITE GLOBE. A large, white onion, as large as the Danvers Yellow.

WHITE PORTUGAL OR SILVER SKIN. True white, delicate, early, not a good keeper. Packet, 5c; ounce, 46c; $\frac{1}{4}$ pound, \$1.60; pound, \$3.00. Packet, 5c; ounce, 40c; $\frac{1}{4}$ pound, \$1.00; pound, \$3.00.

GIANT ROCCA. A splendid, large variety from Naples, glubular shaped, a bright brown skin, and delicate flavor. Packet, 5c; ounce, 30c; $\frac{1}{4}$ pound, 90c; pound, \$2.00.

YELLOW ONION SETS. Per pound, 25c.

TOP ONION SETS. Per pound, 25c; per hundred pounds and upwards we quote special prices on application.

OKRA OR GUMBO.

Sow about the middle of spring in drills, and then thin the plants to a foot or more apart.

LONG GREEN. Long ribbed pods. Packet, 5c; ounce, 10c; pound, \$1.50.

PARSLEY.

Soak the seed a few hours in luke-warm water, and sow early in the spring in drills an inch deep and one foot asunder. Thin out the plants to four inches apart.

FINE DOUBLED CURLED. Fine dwarf, crimped leaves. Packet, 5c; ounce 10c; $\frac{1}{4}$ pound, 25c; pound, 80c.

PARSNIPS.

The soil should be deep, rich and mellow. As the roots are long and slender, the deeper and more thoroughly the soil is stirred, the better.

LONG WHITE. Roots long, white, sugary and fine flavored. Packet, 5c; ounce 10c; pound, 60c.

SUGAR, OR HOLLOW CROWN. Roots about eighteen inches long and four inches in diameter at the crown; fine flavored. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 35c; pound, \$1.00.

PEAS--NORTHERN GROWN SEEDS.

AMERICAN WONDER. One of the earliest wrinkled peas in cultivation, ten to eighteen inches high. Packet, 10c; pound, 15c.

MCLEAN'S LITTLE GEM. This is one of the best dwarf wrinkled peas grown; height, one foot. Packet, 5c; pound, 10c.

YORKSHIRE HERO. A very fine large wrinkled variety, of good quality and productive. Pound, 10c; 100 pounds, \$8.00.

TELEPHONE. Immensely productive, of the finest quality, and excellent sugary flavor; four feet. Pound, 10c.

PEPPERS.

LARGE BELL OR BULL NOSE. An early variety of mild flavor. Packet 5c.

LONG CAYENNE. Long, red, hot and pungent; dwarf growth. Packet 5c.

SQUASH OR TOMATO SHAPED. Fruit compressed and more or less ribbed; skin smooth and red. Packet, 5c; ounce, 30c.

PUMPKINS.

LARGE FIELD. A large, yellow variety, and best for field culture. Packet 5c; $\frac{1}{4}$ pound, 15c; pound, 45c.

CONNECTICUT FIELD. A large yellow variety, hard shell; an excellent variety for field culture. Packet, 5c; pound, 50c.

MAMMOTH. Grows to a very large size. Sometimes weighing two hundred pounds. Packet, 5c; pound, 50c.

RADISHES.

NEW FRENCH BREAKFAST. Oval, tipped with white; very tender. Packet 5c; ounce, 10c; pound, 50c.

SCARLET OR RED TURNIP. Round, flesh white and tender. Packet, 5c; ounce, 10c; pound, 50c.

WHITE STRASBURGH. A very desirable summer variety and highly prized by market gardeners. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 25c; pound, 75c.

LONG SCARLET. A popular, long scarlet variety, six or seven inches in length. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 25c; pound, 70c.

RHUBARB.

VICTORIA. A large variety. About the best for general use. Packet, 5c; ounce, 25c.

LINNÆUS. Large, fine-flavored variety. Packet, 5c; ounce, 20c.

SALSIFY OR VEGETABLE OYSTER.

This is a vegetable which when properly prepared resembles very much in taste and flavor the oyster, from which it takes its name. Sow in the spring in drills twelve inches apart, and thin out to six inches in the drills. Packet, 5c; ounce, 15c; $\frac{1}{4}$ pound, 50c; pound, \$1.50.

SQUASH.

EARLY BUSH SCALLOP. A good, early summer squash, taking but little room, and bearing abundantly. Packet, 5c ; ounce, 10c.

EARLY YELLOW BUSH SCALLOP. Similar to the preceding, but of a deep orange color. Packet, 5c ; ounce, 10c.

BOSTON MARROW. A popular fall squash. Packet, 5c ; ounce, 10c ; pound, 60c.

GOLDEN SUMMER CROOKNECK. A small, crooknecked summer squash, skin bright yellow. Packet, 5c ; ounce, 10c.

HUBBARD. An excellent squash, almost as good as the sweet potato. Packet, 5c ; ounce, 10c.

SPINACH.

NEW THICK-LEAVED ROUND. Produces large, thick, dark green leaves. Packet, 5c ; ounce, 10c ; pound, 45c.

TOMATOES.

ACME. This tomato is one of the earliest and handsomest varieties. The fruit is of a medium size, perfectly smooth and regular in shape, very solid and a great bearer. Color quite distinct, being a dark red with purplish tint. Packet, 5c ; ounce, 25c ; $\frac{1}{4}$ pound, 75c ; pound, \$2.00.

THE TROPHY. This is one of the best tomatoes in cultivation. It is unsurpassed in size, in flavor, in productiveness. Our seed is carefully grown for us, and is saved only from perfect specimens. Packet, 5c ; ounce, 25c ; $\frac{1}{4}$ pound, 75c ; pound, \$2.00.

LIVINGSTONE'S BEAUTY. Ripens as early as the Acme ; of smooth form, free from rot, keeps and carries well. In color, a rich glossy crimson with a slight tinge of purple. Valuable for market from its solidity, toughness of skin, and from the fact that it will ripen up well when picked green. Packet, 5c ; ounce, 30c.

LIVINGSTONE'S PERFECTION. This variety is shaped like the Acme, somewhat larger, the same flavor, fully as early, perfectly smooth, solid, almost round, blood red in color, with more flesh and fewer seeds. Packet, 10c ; ounce, 25c ; $\frac{1}{4}$ pound, 75c ; pound, \$2.00.

MAY'S VOLUNTEER. Large size, averaging six to ten ounces, round, very smooth and perfect in form. Color bright red. Packet, 10c ; ounce, 30c ; $\frac{1}{4}$ pound, 75c ; pound, \$2.00.

TURNIPS.

EARLY WHITE FLAT DUTCH. Medium size and early. Packet, 5c ; ounce 10c ; $\frac{1}{4}$ pound, 25c ; pound, 50c.

PURPLE TOP STRAP LEAF. An excellent early variety, large size and purple color above ground. Packet, 5c ; ounce, 10c ; $\frac{1}{4}$ pound, 25c.

WHITE EGG. A valuable new variety of *very rapid* growth ; egg-shaped with thin white skin. Packet, 5c ; ounce, 10c ; $\frac{1}{4}$ pound, 25c ; pound, 75c.

YELLOW ABERDEEN OR SCOTCH. Hardy, productive and good keeper. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 25c; pound, 50c.

RUTA BAGA OR SWEDDISH TURNIP.

SKIRVING'S PURPLE TOP. A fine variety, bulb ovoid, surface smooth, with but few fibrous roots. Flesh yellow, of solid texture. Packet, 5c.

AROMATIC AND SWEET HERBS.

ANISE, BALM, BORAGE, CARAWAY, CORIANDER, DILL, FENNEL, HOREHOUND, LAVENDER, ROSEMARY, RUE, SAFFRON, SUMMER SAVORY, SWEET BASIL, SWEET MARJORAM, WINTER SAVORY, WORMWOOD, TARAGON. 5c per packet.

TOBACCO SEED.

CONNECTICUT SEED LEAF. The largest, finest and best of this indispensable kind. Every seed stock carefully selected. Ounce, 25c,

HAVANA. Grown from *imported* seed—Vuelto de Abajo—*direct*. Better than imported seed for American planters. Ounce, 50c.

Grass and Clover Seeds.

NEW CROP.

If ordered by mail, 10 cents per pound must be added. 25 pounds at 100 pounds rates.

We claim that we sell the *highest grades of Grass and Clover Seeds that are offered in this country*. We do not intend to compete with samples offered by commission merchants, many of whom have no knowledge of the seeds they sell, whether good, bad or indifferent. Customers of course understand that the *prices of Grass and Clover Seeds are subject to change*. *Be sure and obtain our samples and prices before you buy elsewhere*. Special rates on large quantities.

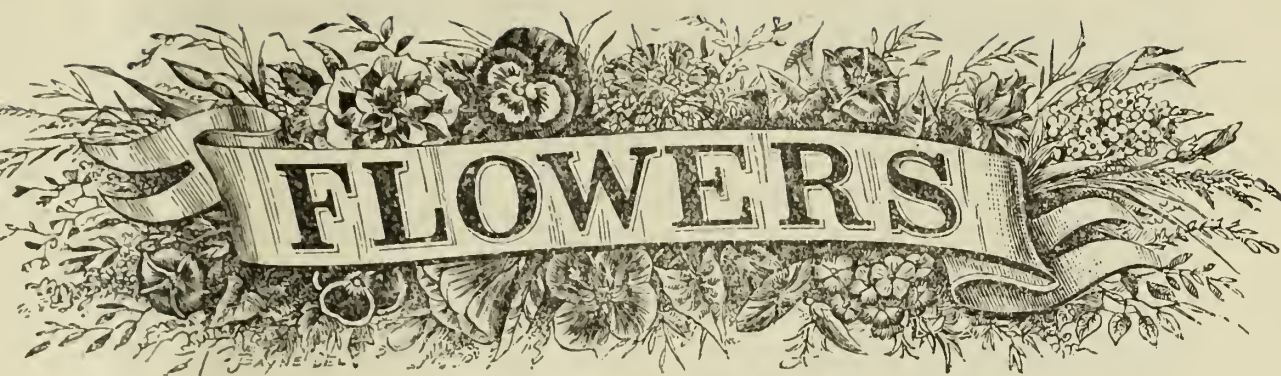
ALFALFA OR LUCERNE (*Medicago Sativa*). Alfalfa, a perennial plant, is a species of Lucerne, sometimes called Chili Clover, and is one of the most nutritious Clovers known, and has excited the liveliest interest among the California stock-growers, from its immense yield and perfect fattening qualities. But to be grown successfully, it must have a fine loamy soil, deep and alluvial in its nature, and have bountiful supplies of moisture. It grows continuously. There is no cessation of growth during any part of the year, though somewhat retarded by cold weather. Twenty to twenty-five pounds of seed to the acre. Pound, 15c; 100 pounds, price on application.

ENGLISH PERENNIAL RYE GRASS. Is held in high esteem for pasturage soiling and the formation of lawns. Sow fifty pounds to the acre. Pound, 20c.

KENTUCKY BLUE GRASS. Used principally for grass plats and lawns. Sow for lawns seventy to ninety pounds per acre. Pound, 25c; 10 pounds, \$2.00.

RED CLOVER. Succeeds on any soil of moderate fertility if sufficiently dry. From fifteen to twenty pounds of good seed is required for an acre, more being necessary on old or stiff soils than on new and lighter ones. Pound, 25c.

WHITE DUTCH CLOVER. An excellent pasturage grass, forming, in conjunction with the Kentucky Blue Grass, the finest and most nutritious food for sheep and cows. Its flowers are also a favorite resort for the honey-bee. It succeeds on all rich clayey lands if not too wet. Sow ten pounds per acre. Pound, 40c.



Flower Seeds.

REMARKS ON THE CULTIVATION OF FLOWERS.

The soil best adapted to most flowers is light, rich loam, containing enough sand to make it porous. If there is some clay with it the colors will be brighter. Make the surface as smooth and fine as possible, sow seed in rows, covering each sort of seed in proportion to its size (a good general rule being to cover twice the diameter of the seed) and press the soil firmly down over it. *Do not plant any seeds when the ground is wet.* Many varieties should be sown early in shallow boxes in the house, in soil consisting of equal parts of fine sand and rich mellow loam, well mixed together and sifted, to remove all gravel and lumps. Sow as before directed. Covering the box with glass helps to retain the moisture and keep the temperature even. Be careful not to keep them too wet, and as soon as they are large enough to handle transplant into boxes, from one to two inches apart, where they are to remain until time to transplant to permanent beds.

ABRONIA.

ABRONIA UMBELLATA. Pure white, one foot. Packet, 5c.

ACROLINIUM.

ACROLINIUM MIXED. Packet, 5c.

ACROLINIUM ALBA. Pure white. Packet, 5c.

ALYSSUM.

SWEET. White, fragrant. Packet, 5c.

AMARANTHUS.

Ornamental foliage plants, of an extremely graceful character, always producing a fine effect. Annual, red flowers.

CAUDATUS. (Love Lies Bleeding). 5c.

CRUENTUS. (Prince's Feather). Packet, 5c.

TRI-COLOR. (Joseph's Coat). Very fine. 10c.

SALICIFOLIUS. (Fountain Plant). One of the finest sorts. Packet, 15c.

ARGEMONE.

GRANDIFLORA. White. Packet, 5c.

MEXICANA. Yellow. Packet, 5c.

ASTER.

This splendid class of plants is one of the most popular and finest of our garden favorites; combines richness

and variety of color, with beauty of form. Indispensable in every garden.

ROSE-FLOWERED. Packet, 5c.

FRUFFAUT'S PÆONY-FLOWERING PERFECTION Packet, 5c.

DWARF PYRAMIDAL BOUQUET. Packet, 5c.

VICTORIA. Packet, 5c.

SANBORN'S IMPROVED TALL CHRYSANTHEMUM, mixed. Packet, 5c.

SANBORN'S IMPROVED TALL CHRYSANTHEMUM, white. Packet 5c.

SANBORN'S IMPROVED TALL CHRYSANTHEMUM, pink. Packet, 5c.

SANBORN'S IMPROVED TALL CHRYSANTHEMUM, red. Packet, 5c.

ASPERULA (WOOD RUFF.)

AZUREA SEBOSA. Packet, 5c.

ANTIRRHINUM.

TALL, mixed. Packet, 5c.

DWARF, mixed. Packet, 5c.

AQUILEGIA.

FINE, mixed. Packet, 5c.

AURICULA.

EXTRA CHOICE MIXED. From a prize collection. Packet, 25c.

BALLOON VINE.

Packet, 5c.

BALSAM (LADY'S SLIPPER.)

DOUBLE, mixed. Packet, 5c.

BACHELOR'S BUTTON.

MIXED. Packet, 5c.

CALENDULA.

MIXED. Packet, 5c.

METEOR. Large yellow. Packet, 5c.

COR OPSIS (CALLEOPSIS.)

Colors are bright and striking, flowers are red, yellow and brown; beautiful and fine for bouquets. Hardy, annual.

MIXED. Packet, 5c.

CANARY BIRD FLOWER.

Tropæolum Peregrinum.

Packet, 10c.

CANNA.

INDIAN SHOT. Fine mixed varieties. Packet, 5c.

CANDYTUFT (IBERIS).

FRAGRANT, white. Packet, 5c.

CARMINE. Packet, 5c.

PURPLE. Packet, 5c.

EMPRESS, OR SNOW QUEEN. A complete mass of pure white flowers, borne on a candelabra-shaped plant. Packet, 5c.

ROCKET. Pure white. Packet, 5c.

MIXED. Packet, 5c.

CANTERBURY BELLS.

(*Campanula.*)

DOUBLE, mixed. Packet, 5c.

SINGLE, mixed. Packet, 5c.

CAMPANULA.

CALYCANTHEMA. Mixed. Blue, white, lilac. Packet, 5c.

CATCHFLY (SILENE).

RED, WHITE AND PINK. Mixed. Packet, 5c.

CARNATION.

PERPETUAL OR TREE. Saved from the choicest double flowers. Packet, 10c.

GOOD. Mixed. Packet, 5c.

MARGARET. Mixed. Packet, 5c.

CHRYSANTHEMUM.

(Paris Daisies or Marguerites.)

FRUTESCENS GRANDIFLORUM.
Packet, 10c.

SEGETUM GRANDIFLORUM. Large
blooms, bright sulphur-yellow color.
A yellow Marguerite. Packet, 10c.

FANCY SINGLE. Packet, 10c.

FANCY DOUBLE. Choicest mixed.
Packet 25c.

CENTAUREA.

CANDISSIMA. Silvery-leaved
Packet, 15c.

CLEMENTE. Silvery-leaved. Pack-
et 15c

CYANUS. (Corn Flower or Bachel-
or's Button.) Annual, mixed. Pack-
et, 5c.

GYMNOCARPA. A graceful, silver-
foliated variety. Packet, 25c.

CINERARIA.

Cineraria Hybrida are very attract-
ive green-house plants, and may be
kept in bloom the greater portion of
the year. Flowers are purples, crim-
sons and magentas, both light and
dark. Green-house perennials.

CINERARIA HYBRIDA. Fine mixed.
Packet 25c.

CELOSIA (COXCOMB).

Annual plant of tropical origin; one
of the most satisfactory and showy
plants for garden decoration; pro-
duces fine spikes of feather-like
bloom. Sow in light soil.

CRISTATA. Crimson. Packet, 10c.

DWARF. Mixed. Packet, 10c.

GLASGOW PRIZE. An improved
Coxcomb, producing large blooms of
dark crimson. Packet, 10c.

CLIANTHUS.

(Australian Glory Pea.)

CLIANTHUS DAMPIERI. Packet, 25c.

CLARKIA.

ELEGANS. Finest mixed. Packet 5c.

COBEA.

SCANDEN. Packet, 10c.

CONVOLVULUS.

(Morning Glory.)

MAJOR. Mixed. Packet, 5c.

MINOR. Mixed. Packet, 5c.

COSMOS.

This magnificent annual is one of
the most showy and graceful of gar-
den flowers, nothing gives greater
satisfaction for a display. They make
large plants growing five to seven feet
high, which are beautiful masses of
the most elegant foliage until they be-
gin to bloom, when each plant will
have hundreds of large showy blos-
soms, resembling single dahlias.

MIXED. Packet, 10c.

WHITE. Packet, 10c.

CYPRESS VINE.

MIXED. Packet, 5c.

CYCLAMEN.

PERSICUM. Choice mixed. Packet,
25c.

SINGLE DAHLIAS.

ALL COLORS. Mixed. Packet, 10c.

DIANTHUS.

CHINENSIS. (China Pink). Choice
colors. Mixed. Packet, 5c.

HEDDEWIGII. Choice. Packet, 5c.

DIADEMANTUS. Superb variety,
dwarf. Packet, 5c.

IMPERIALIS. Double Imperial.
Packet, 5c.

LACINIATUS. Beautifully fringed.
Packet, 10c.

CRIMSON BELL. Large fringed
flowers. Packet 10c.

DELPHINIUM (LARKSPUR).

DWARF. German. Fine Mixed.
Packet, 5c.

DOLICHOS (HYACINTH BEAN).

PURPLE. White mixed. Packet,
5c.

DAISY.

A well known favorite border plant.
Needs a cool shaded place. Will
bloom the first season, if sowed early.
Double mixed. Packet, 10c.

DIGITALIS.

(Foxglove.)

BRILLIANT COLORS. Mixed. Pack-
et, 5c.

GLOXINOIDES. Gloxonia shaped
flowers. Mixed. Packet, 10c.

ESCHSCHOLTZIA.

(California Poppy).

CALIFORNICA. Yellow. Packet, 5c.
MIXED COLORS. Packet, 5c.

ETERNAL FLOWERS.

(Or Everlasting.)

MANY SORTS. Mixed. Packet, 5c.

FEVERFEW (MATRIDARIA).

Packet, 5c.

FORGET-ME-NOT.

(See Myosotis.)

GAILLARDIA (DOUBLE).

One of the most brilliant and useful
of garden flowers. Most suitable for
bedding, producing large flowers in
great abundance throughout the entire
summer, 1½ feet.

PICTA LORENZIANA. This new and
double variety produces large globular
heads of various colors in great abun-
dance throughout the entire summer
The seed offered is mixed, containing
sulphur and golden-yellow, claret, red
and purple. Most valuable for cutting
and bedding. Packet 5c.

These are undoubtedly among the
choicest of Hardy Perennials; the
flowers are large, very numerous, ex-
cellent for cutting and of the most
brilliant shades of orange, crimson,
scarlet and vermilion. Mixed. Packet
5c.

GOLDEN FEATHER.

A beautiful golden-leaved border
plant, retaining its ornamental char-
acter till late in the autumn. Pkt, 5c.

GOLDEN ROD (SOLIDAGO).

Much interest is now taken in this
plant as it is named as a candidate for
our national flower. Fine Yellow.
Packet, 5c.

GYPSOPHILA.

ELEGANS. White and Pink mixed.
Packet, 5c.

PANICULATA. White flowers, beau-
tiful for bouquets, imparting a light,
airy appearance. Hardy perennial.
Packet, 5c.

HELICHRYSUM.

FINEST MIXED, all colors. Pkt, 5c.

HELIANTHUS (SUN FLOWER)

A well-known hardy plant, of stately
growth, remarkable for the brilliancy
and size of flowers. Hardy annuals.

CALIFORNICUS. Double. Pkt, 5c.

RUSSIAN MAMMOTH. Very large.
Packet, 5c.

GLOBOSUS FISTULOSUS. Flowers
very large, globular and of a rich saf-
fron yellow. The very best, Pkt, 5c.

HOLLYHOCK.

FINE DOUBLE. Mixed. Packet, 5c.
DOUBLE, white. Packet, 5c.

HELIOTROPE.

MIXED. Packet, 10c.
DR. LIVINGSTONE. Very fine dark variety. Packet, 10c.
MADAME DE BLONAY. White, for bouquets. Packet, 10c.

ICE PLANT.

MIXED. Packet, 5c.

IPOMEA.

Very pretty rapid growing, climbing plants, with handsome, bright-colored, trumpet-shaped flowers, excellent for covering old walls, stumps, arbors, etc.

QUAMOCLIT (Cypress Vine). Mixed. Packet, 5c.

MANY FINE VARIETIES. Mixed. Packet, 5c.

IPOMEA RUBRO-CÆRULEA. Sky-blue. Packet, 10c.

LARKSPUR.

DWARF ROCKET. Mixed. Packet, 5c.

TALL ROCKET. Fine mixed. Packet, 5c.

NEW GIANT. Hyacinth flowered. Packet, 5c.

DWARF RANUNCULUS. Packet 5c.

LATHYRUS.

(Everlasting Pea)

MIXED COLORS. Hardy perennial. Packet, 10c.

LAVENDER.

Packet, 5c.

LOBELIA.

Exceedingly pretty, profuse blooming plants, of easy culture and well adapted for bedding, edging rockeries, hanging-baskets and vases. Seeds should be covered lightly.

GRACILIS. Light blue, for baskets. Packet, 10c.

SPECIOSA. Very effective variety for bedding. Packet, 10c.

CRYSTAL PALACE COMPACTA. A beautiful compact variety for borders. Packet, 10c.

CARDINALIS (Cardinal Flower). Perennial. Packet, 15c.

FINE MIXED VARIETIES. Packet, 10c.

MARGUERITE.

See Chrysanthemums.

MARIGOLD.

Well-known, extremely showy garden plant, with handsome double yellow and brown flowers, of varied shades. Succeeds in good garden soil. Annual.

AFRICAN. Tall. Packet, 5c.

FRENCH. Dwarf. Packet, 5c.

EL DORADO. Deepest orange. Packet, 5c.

GOLD NUGGET. Golden yellow, resembling gold. Packet, 5c.

MARVEL OF PERU.

(Four O'clock)

MIXED COLORS. Packet, 5c.

MAURANDIA.

This superb climber cannot be too highly recommended, either to decorate the conservatory or the flower garden. Blooms the first year from seed. Perennial.

CHOICE MIXED. Violet, pink, white. Packet, 10c.

MIGNONETTE.

(Reseda)

A well-known fragrant favorite. If well thinned out, the plants will be stronger and the flowers larger. Blooms throughout the season. Hardy annual.

LARGE FLOWERED. Packet, 5c; ounce, 15c.

GIANT, pyramidal. Flowers reddish. Packet, 10c.

GIANT, white, upright. Foliage grayish-green; flowers white on long slender spikes; 2 to 3 feet. Pkt, 10c.

MACHET. The best sort for pot culture. Packet 10c.

MUSK PLANT.

(Mimulus Moschatus)

Packet, 10c.

MORNING GLORY.

See Convolvulus.

MOURNING BRIDE.

See Scabiosa.

MIMULUS.

(Monkey Flower)

PUNCTATUS. Large, beautifully spotted blossoms. Annual. Packet, 5c.

CARDINALIS. Scarlet; one foot. Packet, 5c.

TIGRINUS. An exceedingly beautiful new, blotched and spotted hybrid, rivaling the Calceolaria in the variety of its bright colors. Mixed. Packet, 5c.

MYOSOTIS.

(Forget-me-not)

A charming little plant; very popular; producing beautiful star-like flowers in great profusion. They suc-

ceed best in moist situations; will flower the first season if sown early. Perennials.

BLUE. Packet, 10c.

ALBA. White, 10c.

NASTURTIUM.

(Tall or Climbing Varieties)

Beautiful and luxuriant climbers, admirably adapted for rock work, trellises and arbors; of easiest culture; flowering profusely and remaining in bloom the entire season.

CROWN PRINCE OF PRUSSIA. Blood red. Packet, 5c.

GIANT OF BATTLES. Sulphur spotted red. Packet, 5c.

NAPOLEON III. Golden yellow spotted. Packet, 5c.

SPITFIRE. Bright scarlet. Packet, 5c.

PRESIDENT THIERS. Brown and yellow. Packet, 5c.

SCARLET. Packet, 5c.

YELLOW. Packet, 5c.

ORANGE. Packet, 5c.

BROWN. Packet, 5c.

MIXED. Packet, 5c; ounce, 30c.

NASTURTIUM.

(Tom Thumb or Dwarf)

The dwarf varieties of Nasturtium are among the most useful and beautiful of annuals for bedding, massing, etc, owing to their compact growth, richness of color and profusion of blooming.

EMPRESS OF INDIA. Purplish foliage; red flowers. Packet, 5c.

GOLDEN KING. Golden-Yellow flowers. Packet, 5c.

PEARL. Creamy-white. Packet, 5c.

KING THEODORE. Flowers almost black. Packet, 5c.

NEW ROSE. New color in Nasturtiums. Packet, 5c.

RUBY KING. Crimson rose flower. Packet, 5c.

SCARLET. Dazzling in color. Packet, 5c.

SPOTTED. Rich orange spotted with maroon. Packet, 5c.

YELLOW. Pure, for bedding, Packet, 5c.

BEST MIXED. All colors. Packet, 5c; ounce, 40c.

NEMOPHILA.

(Love Glove)

Splendid for beds; bright-colored flowers, marked and spotted in shades of blue, white and violet.

FINEST MIXED. Packet, 5c.

PANSY.

(Heart's Ease)

Too well-known to need description. Seed may be sown under glass or in the open ground; if sown in the early spring, the plants will blossom late in the summer and during the fall. They need very rich soil and good care to keep the flowers large and fine; young plants give the largest flowers.

BUGNOTS. This new French variety created a great furor among all Pansy-growers. It is said to be, without question, the most striking variety ever raised. Immensely large, of the Giant Odier type, while the surface is covered with fine, hair-like lines. Packet, 25c.

CASSIER'S GIANT ODIER. This is one of the most remarkable strains of Pansies ever offered; the flowers are of immense size, often three inches and over in diameter, with the dark, deep, rich velvety blotches. Pkt, 25c.

ODIER OR BLOTCHED. Superb, large eyed flowers of very good shape, and beautifully blotched with rich and varied colors. Packet, 25c; ¼ ounce, \$1.50.

BRONZE-COLORED. Packet, 10c.

PHLOX DRUMMONDII.

GRANDIFLORA. Choice mixed. Packet, 5c.

FINEST HYBRID. Perennial. Mixed. Packet, 15c.

SNOW QUEEN OR SNOWFLAKE. Flowers of delicate, pure, satiny-white. Packet, 10c; ¼ ounce, 75c.

KING OF THE BLACKS, OR FAUST. Flowers intensely dark, almost coal-black. Packet, 10c; ¼ ounce 75c.

STRIPED AND MOTTLED VARIETIES. Very fine and exceedingly beautiful. Packet, 10c; ¼ ounce, 75c.

ENGLISH. Choice mixed. Packet, 25c.

GOLD-MARGINED. Packet, 10c.

PURE YELLOW. Large, golden flowers. Packet, 10c.

LARGE FLOWERING. Very fine, mixed. Packet, 10c; ¼ ounce, \$1.25; ½ ounce, \$2.00; ounce, \$3.50.

GOOD QUALITY. Mixed. Packet, 5c; ¼ ounce, 60c; ½ ounce, \$1.00; ounce, \$2.00.

GIANT TRIMARDEAU PANSIES.

An altogether distinct and beautiful new class of Pansy, the flowers being of very large size; some have measured four inches in diameter. The plants produce beautiful shades of color that are found in other classes of Pansies. Packet, 25c.

PORTULACA.

SINGLE. Large flowering. Mixed. Packet, 5c.

DOUBLE. Large flowering. Mixed. Packet, 10c.

PETUNIA.

MIXED. Single. Packet, 10c.

PESTEMON.

FINE MIXED. Yellow, scarlet. Packet, 5c.

PICOTEE.

Equally suited for indoor and outdoor culture, flowering freely and having a delicious fragrance. Flowers all of one color, white or yellow, each

petal, however, is bordered with purple, red or rose. Perennial.

PINK. Choice European varieties. Mixed. Packet, 10c.

POPPY.

A genus of showy, free flowering plants, producing a rich and effective display in large mixed borders. Hardy annuals.

SHIRLEY POPPY. Great variety of colors. Height 2 feet. These new varieties of Poppy are surprisingly beautiful and furnish a charming array of color for a long succession of blooms. Although the individual flowers are not long lived, the plant blossoms profusely, the flowers succeeding one another if the pots are removed, in constantly changing variety of colors and tints. Flowers are large and unsurpassed for grace of outline, the colors wonderfully varied, and range from blush white rose, delicate pink, to bright crimson; in some the coloring is confined to the margin with light center, in others a pale or white edge, with body of intense bright hue.

SHIRLEY MIXED. Packet, 5c.

TULIP. Red. Packet, 5c.

DOUBLE MIXED. Packet, 5c.

CARNATION FLOWERED. Double, mixed, two feet. Packet, 5c.

PÆONY-FLOWERED. Double mixed Packet, 5c.

PINKS.

CHOICE VARIETIES. Mixed. Pkt 5c.

PRIMULA.

Chinese Primrose.

One of the finest winter-blooming plants; the single varieties blooming more freely than the double, fine for a window plant or the greenhouse. Succeeds best in sandy loam and leaf mould. Perennial.

SINENSIS FIMBRIATA ALBA. Fringed single white. Packet, 50c.

SINENSIS FIMBRIATA ROSEA. Fringed single rose. Packet, 50c.

SINENSIS FIMBRIATA. Fringed, single, mixed. Packet, 50c.

SINENSIS FIMBRIATA. Fringed double, mixed. Packet, \$1.00.

PRIMULA VULGARIS.

ENGLISH PRIMROSE. The old favorite common yellow primrose, now so popular and fashionable in England and celebrated as "Beaconfield's Flower." Packet, 10c.

SALPIGLOSSIS.

Painted Tube Tongue.

The large flowering Salpiglossis is one of the most beautiful of flowering annuals; the flowers large, of many beautiful colors and exquisitely veined and laced. Choice mixed, Packet, 5c.

SALVIA.

Flowering Sage.

Fine bedding plants, with gorgeous spikes of scarlet. Seeds sown in March under glass will flower in July. Hardy perennials. Packet, 10c.

SENSITIVE PLANT.

Packet, 5c.

SCABIOSA.

Mourning Bride or Sweet Scabious.

A beautiful border plant, producing a great profusion of flowers in various shades of carmine, purple and white. Easy to raise in any good garden soil. TALL, mixed. Packet, 5c.

DWARF, mixed. Packet, 5c.

TEN WEEKS STOCK.

The Ten Weeks Stock, "Stock Gilly" or "Gilly flower," as they are sometimes called, stands pre-eminent among annuals for either flower beds, pot culture, cut flowers, and delicious spicy perfume; they have been greatly improved in the past few years, and a large flowering strain has been originated, which for size, doubleness and variety of exquisite shades of color is remarkable.

LARGE FLOWERED GERMAN DWARF

(ten weeks). Exquisite colors, mixed Packet, 10c; white, 10c.

GIANT PERFECTION (ten weeks). Magnificent spikes of bloom, with immense double flowers, mixed. Packet, 10c; white, 10c.

WALL-FLOWER-LEAVED Early and excellent for forcing; white. Packet, 10c.

PYRAMIDAL MIXED. A beautiful sort. cone shaped habit. Packet, 15c.

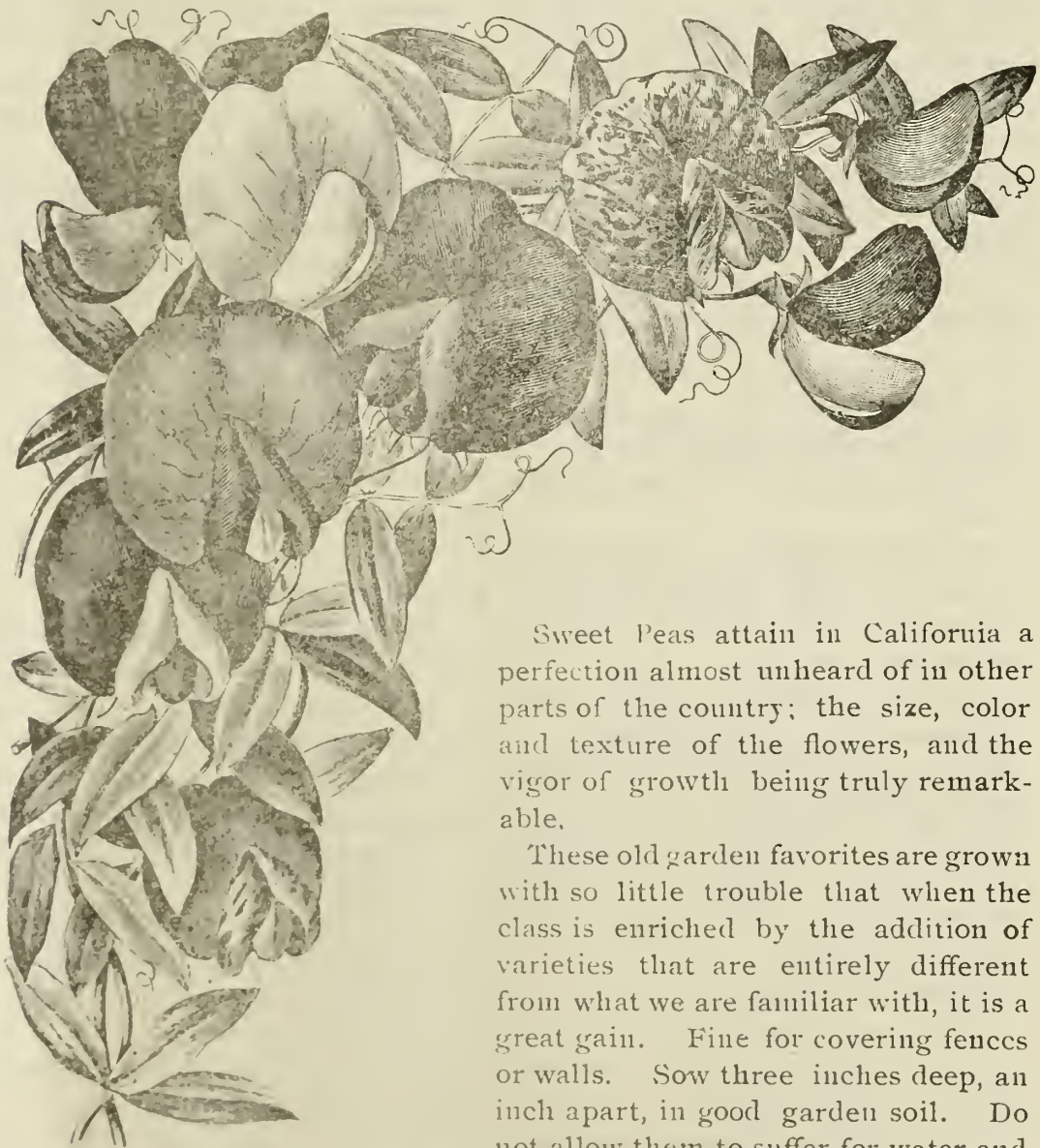
BROMPTON OR WINTER. Bushy plants; producing a beautiful display of double flowers; two feet. Mixed. Packet, 10c.

VERY DWARF SNOWFLAKE STOCK. A beautiful, small growing variety, with vigorous main spikes and numerous side shoots, of very large double snow-white flowers; very early. Packet, 15c.

SMILAX.

There is no climber in cultivation which surpasses this in graceful beauty of its foliage and orange fragrance of its flowers; can be used either to droop or climb. Unsurpassed for light wreaths and floral decorations; easily raised from seed. Green-house climber. Packet, 10c.

SWEET PEAS.



Sweet Peas attain in California a perfection almost unheard of in other parts of the country; the size, color and texture of the flowers, and the vigor of growth being truly remarkable.

These old garden favorites are grown with so little trouble that when the class is enriched by the addition of varieties that are entirely different from what we are familiar with, it is a great gain. Fine for covering fences or walls. Sow three inches deep, an inch apart, in good garden soil. 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.

The latest novelties and all the standard varieties worth growing will be seen in the following list. Packets 5c, except where noted.

ADONIS. Standards deep rose, wings carmine,

ALBA MAGNIFICA. Pure white. very large flower.

APPLE BLOSSOM. Bright pink and blush, beautifully shaded.

BLANCHE BURPEE. A superb, new pure white, of immense size.

BLANCHE FERRY. Large pink and white flowers, very early, free flowering.

BLUSHING BEAUTY. Soft pink, suffused with lilac; extra large.

BOREATTON. Crimson-purple, very dark, large flowers.

BRONZE KING. Standards coppery bronze; wings pure white, distinct.

BUTTERFLY. Pale gray with distinct porcelain edge.

CAPTAIN OF THE BLUES. Bright purple and pale blue,

CARDINAL. Crimson scarlet.

COUNTESS OF RADNOR. Standards delicate lavender; wings dark mauve; lovely.

CROWN PRINCESS OF PRUSSIA. blush pink, salmon standards.

DELIGHT. White, crested with crimson.

DOROTHY TENNANT. Standards rosy mauve, wings bluish mauve.

DUCHESS OF EDINBURGH. Scarlet flushed with crimson.

DUKE OF CLARENCE. Rosy claret, self colored flower; extra large.

EMILY HENDERSON. Splendid pure white; good for forcing.

EMPRESS OF INDIA. Rosy pink standards; white wings.

FAIRY QUEEN. White; flushed and feathered with pink.

FIREFLY. Standards fiery scarlet; wings crimson scarlet.

GAIETY. Standards white, striped rosy lilac; wings blush.

HER MAJESTY. Beautiful soft rosy pink; very large flowers.

IGNEA. Fiery crimson scarlet, slightly flushed with purple.

INDIGO KING. Maroon - purple standards, indigo blue wings.

INVINCIBLE SCARLET. Fine rich scarlet.

INVINCIBLE CARMINE. Crimson scarlet.

ISA ECKFORD, Creamy white and rosy pink.

LEMON QUEEN. Blush pink and lemon; very beautiful.

LOTTIE ECKFORD. Rose and white edged with blue.

MISS HUNT. Carmine-salmon and soft pink.

MONARCH. Bronze crimson and blue; superb flowers.

MRS. ECKFORD. White, delicately shaded with primrose.

MRS. GLADSTONE. Delicate soft pink, with rosy blush wings.

MRS. SANKEY. Very large; pure white; of most perfect form.

ORANGE PRINCE. Orange pink, flushed with scarlet.

PAINTED LADY. Rosy crimson and blush white.

PEACH BLOSSOM. Salmon pink standards; wings soft pink.

PRIMROSE. Pale primrose yellow, novel and distinct.

PRINCESS BEATRICE. Delicate blush pink, marked with deeper shades.

PRINCESS LOUISE. Rosy pink standards; wings deep lilac.

PRINCESS MAY. Pale lavender; most beautiful new variety.

PRINCESS OF WALES. White striped lavender and mauve.

PURPLE PRINCE. Maroon, shaded with bronze purple; wings blue.

QUEEN OF ENGLAND. Pure white flowers of large size.

QUEEN OF THE ISLES. White and red striped and mottled.

RED AND WHITE STRIPED. White ground, red stripes.

SENATOR. Chocolate and creamy white, mottled and blotched.

SPLENDOR. Coppery crimson, suffused with rosy pink; very rich.

STANLEY. Deep maroon self; large and of finest form.

THE QUEEN. Pink shaded with heliotrope.

VENUS. Salmon buff; standards delicately shaded with rosy pink.

VESUVIUS. Carmine-rose, shading to velvety violet.

VIOLET QUEEN, Pink standards, lilac wings.

WAVERLY, Pale blue and rosy claret.

NEW SWEET PEAS.

DOUBLE APPLE BLOSSOM. Packet, 10c.

DOUBLE BOREATTON. Packet, 10c.

DOUBLE LOTTIE ECKFORD. Packet, 10c.

NEW MRS. JOSEPH CHAMBERLAIN. Packet, 10c.

GRAY FRIAR. Packet, 10c.

JUANITA. Packet, 10c.

RAMONA. Packet, 10c.

NEW DWARF CUPID. Packet, 15c.

SNAPDRAGON.

See Antirrhinum.

SWEET SULTAN.

MIXED. Purple, white, yellow. Packet, 5c.

SWEET WILLIAM.

FINE MIXED. Single. Packet, 5c.

MIXED. Double. Packet, 10c.

VERBENA.

HYBRIDA. Scarlet, blue, purple, Italian-striped, white, large flowered. Fine mixen, Packet, 10c. Each color separate, packet, 10c.

CANDIDISSIMA. A decided improvement, producing large trusses of the purest white flowers; invaluable for florists. Packet, 20c.

MAMMOTH. The flowers are very large, of brilliant colors, and have large distinct eyes. We consider the Mammoth Verbena one of the very best new things offered for many years. In coloring they excel the old varieties, are of vigorous habit and free-blooming, and are the most attractive of the class. Mixed. Pkt, 25c.

VIOLET.

Hardy perennial.

VIOLA ODORATA. Sweet-scented, blue. Packet, 10c.

VIOLA ODORATA, Sweet-scented, white. Packet, 10c.

WALLFLOWER.

Perennial.

SINGLE. Mixed. packet, 5c.

DOUBLE. Mixed. Packet, 10c.

XERANTHEMUM.

MIXED. Packet, 5c.

ZINNIA ELEGANS.

Youth and Old Age.

DOBULE. Carmie, purple, crimson, orange, lilac, deep scarlet, pure white. Packet, 5c.

MIXED. Packet, 5c.

Agricultural Seeds.

By mail, 10 cents per pound must be added.

SUGAR CANE.

EARLY AMBER. This is by far the best variety for sugar, as it matures quickly and has been cultivated as far north as St. Paul, Minnesota. The seed is valuable also as food for horses and cattle, and is greatly eaten by poultry, increasing the egg production. For ensilage or fodder it possesses important advantages. Pound, 10c; 100 pounds, \$6.00.

MAMMOTH RUSSIAN SUNFLOWER.

Highly recommended for poultry; the best egg-producing food known. It can be grown cheaper than corn, yielding over 100 bushels to the acre. The leaves make splendid fodder, much relished by all kinds of stock. Packet, 5c., pound, 20c.

CORN (WHITE EGYPTIAN).

Pound, 5c; 100 pounds, market price.

MUSTARD (WHITE).

Pound, 10c; 100 pounds, market price.

BIRD SEED.

CANARY. Pound, 10c.

HEMP. Pound, 10c.

RAPE. Pound, 10c.

MILLET. Pound, 10c.

MIXED CANARY. Pound, 10c.

Evergreen Tree Seeds.

Mostly my own Saving.

ACACIA MOLLISSIMA. Packet, 25c.

ACACIA MELANOXYLON. Packet,

25c.

ACACIA LONGLOFOLIA. Packet, 25c.

ACACIA LATIFOLIA. Packet, 25c.

ACACIA LOPHANTHA. Packet, 25c.

PINUS INSIGNES. Packet, 25c.

SCHINUS MOLLIS (Pepper). Packet,

25c.

SEQUOIA GIGANTEA (Big Tree).
Packet, 25c.

MAGNOLIA GRANDIFLORA. Pack-
et, 50c.

CYPRESSUS MACROCARPA (Monte-
rey Cypress). Packet, 25c.

CYPRESSUS LAWSONIANA. packet,
25c.

EUCALYPTUS GLOBULUS (Blue Gum).
Packet, 25c.

EUCALYPTUS AUGUSTIFOLIA. Pack-
et, 25c.

EUCALYPTUS VIMINALIS. Packet,
25c.

EUCALYPTUS ROSTRATA. Packet,
25c.

Palms.

ARECA BAUERI. (*Seaforthia Robusta*). A very hardy variety with large, handsome leaves.

ARECA LUTESCENS. A variety species with elegant yellowish green stems, plumed-like glossy green foliage. Very hardy.

BRAHEA EDULIS. A new variety of Fan Palm from Guadaloupe Island.

CHMÆROPS EXCELSA. One of the hardest of the Fan Palms. Grows from 15 to 20 feet high, very desirable for out-door decoration.

CORYPHA AUSTRALIS. (*Livistonia*). A very hardy Australian Palm; foliage dark green; very symmetrically and regularly slit, the segments partly doubled from base of petioles, or leaf-stalk, which is thickly armed with crooked pines.

LATANIA BORBONICA. (*Livistonia Sinensis*, *L. Mauritina*). The Chinese Fan Palm. The most popular Palm in cultivation for decorative work,

and perhaps deservedly so, as it stands neglect well, a considerable amount of cold, and is one of the handsomest of the Fan Palms.

KENTIA BELMOREANA. This fine Palm is a valuable addition to our collections. It is very elegant and graceful in habit; a native of Lord Howe's Island, where it attains a height of forty feet.

PANDANUS UTILIS (*Screw Pine*). Called Screw from the arrangement of the leaves on the stem. Excellently adapted for the center of vases and baskets or grown as a single specimen; a beautiful plant.

SEAFORTHIA ELEGANS. Leaves dark green, the leaf-stems rather stout at their base, pinnate, lanceolate and narrow bifid at the apex, the whole plant perfectly smooth, on a cylindrical smooth, whitish green stem. A most elegant species.

Plants in Pots.

PELARGONIUMS.

NEW AND CHOICE REGAL PELARGONIUMS.

This name is applied to that magnificent group of Pelargoniums, the flowers of which are of large size, with very rich and showy colors, and which, although they are not really double, yet have the appearance of being so from their full and crispy form, and the extra number of petals the flowers are composed of. Price of plants: three in pots, 25c.; four in, 35c.; five in, 40c.

A. NAPADIEVIEZ. Flowers a bright crimson rose; upper petals blotched with maroon; large white center, petals edged white.

BEAUTY OF OXTON. The upper petals very rich maroon, darkly

blotched, under petals, very dark crimson; light centers, and all the petals margined with white.

DUKE OF ALBANY. Deep, rich, crimson maroon, margined with rosy lake; light center, surrounded with

violet rose shading. A grand, dark, variety, having a very full appearance.

DUCHESS OF TECK. Very large trusses of extra large, semi-double; white flowers; petals undulated and frilled. A grand white variety.

DUCHESS OF BEDFORD. A variety of fine dwarf habit, with flowers of the purest white, prettily fringed, with feathered spots of delicate rose on upper petals.

DOROTHY. Fine large flowers, full and round, of a soft shade of carmine rose, white center, surrounded with lilac shade, all the petals margined white and elegantly frilled; upper petals blotched maroon.

EMPRESS OF INDIA. A magnificent variety, producing splendid trusses of very large flowers, of a brilliant shade of salmon-scarlet, the two upper petals blotched with dark crimson, light center. It is of excellent habit and most desirable.

EMPRESS OF RUSSIA. Extra large flowers; dark maroon, surrounded with crimson purple, margined with bluish white. A most effective variety.

JUBILEE. A grand variety of fine habit, with large trusses of finely fringed flowers, of a blush pink color, upper petals blotched with maroon.

GLOIRE DE TOURS. Flowers of the largest size, and of great substance. Color, bright dark-scarlet; upper petals blotched velvety black; center of flower a distinct shade of violet. A magnificent variety.

MAD. THIEBAUD. The Queen of the Pelargoniums, Blotched and marbled rose on white ground; upper petals marked with crimson maroon; large, white center, and edges of petals also white.

MR. WORTHINGTON. A remarkable, distinct variety of my raising. Large flowers, with elegantly fringed margins, of a beautiful orange-scarlet color, center light maroon; upper petals blotched with intense black,

PRINCE GEORGE. Large trusses of finely fringed white flowers, faintly suffused with blush, all the petals spotted with purplish lake, the two upper petals more marked than the others. Very handsome and distinct.

PRINCESS VICTORIA. A most charming variety, producing large trusses of double flowers of medium size, of a delicate shade of blush-pink.

PRINCE OF WALES. Very double appearing flowers; color, velvety-scarlet, marbled and reticuled with white; large, clear and distinct white center, and the upper petals blotched with maroon.

PRINCE OF TECK. Rich, deep crimson, shaded with violet; upper petals blotched and feathered with dark, blackish maroon; center shaded with violet.

PRINCESS MAUD. Full, light carmine flowers, broadly margined with white; large, white center surrounded with violet; upper petals feathered with maroon.

QUEEN VICTORIA. Crispy petals, of a rich vermilion color, broadly margined with pure white, the upper petals blotched with maroon, with a white center; flowers of great substance.

DAZZLER. Flowers very large and full; color, dark, fiery crimson; petals brilliant dark maroon.

PRESIDENT GRANT. Rosy pink, black maroon blotches; fine habit and free bloomer.

VOLANTE NATIONAL. Flowers large, good shape, delicate light rose, white center surrounded with violet; upper petals feathered with maroon; of dwarf habit and free flowering.

VOLANTE NATIONALE ALBUM. Flowers of the purest white, produced in great profusion; large, full and crispy, of moderate growth.

MRS. ELSIE REIMER (California Seedling). Of a beautiful scarlet

color, petals blotched with black maroon; robust and handsome.

MAGNET. Rosy lilac, veined with a very delicate purplish pink.

OSCAR. Upper petals crimson, margined with rose and blotched with maroon; under petals rose, spotted crimson, light center.

CRIMSON KING. Color, bright crimson, petals blotched with dark maroon; free bloomer.

BRIGHT BEAUTY. Light scarlet; early; a profuse bloomer.

MIRABEAU. Purplish rose, upper petals blotched with dark maroon; flamed rosy crimson; very elegant

and free flowering; in bloom the whole year.

EUGENE SERTOT. White, with a glowing carmine blotch on each petal.

COLUMBIAN EXPOSITION. A charming variety of our own raising. Deep, soft crimson, petals shaded with carmine, white center; a grand variety, having full appearance; new 1893.

JAMES HUTCHISON. A deep pink ground, petals blotched rich carmine, very distinct and effective. This variety is our production—seedling of Dr. in the year 1887.

LADY WASHINGTON. White, upper petals blotched with maroon. Very free bloomer.

NEW AND CHOICE LARGE FLOWERING PELARGONIUMS.

ANNA PFITZER. Brilliant carmine, center maroon, upper petals feathered with crimson.

AGATHA. A fine flower of good form; upper petals bright crimson, blotched with maroon, and margined white; under petals blush white, feathered with bright crimson.

BLACK PRINCE. One of the darkest varieties; petals undulated, of a very dark red color, blotched with black.

DR. ANDRE. An elegantly fringed flower. Color, delicate pink; upper petals feathered with maroon.

EDNA. (California Seedling.) Fine trusses of large fringed flowers. Color, a very light pink; the petals are feathered, and veined almost through the entire petals, with maroon. Very effective.

MABEL. Upper petals brilliant, dark maroon; under petals soft, rosy pink; large, white center.

GLOIRE DE PARIS. Very brilliant red, very free in bloom. Very effective garden variety.

GOLDEN GATE. (California Seedling.) Magnificent large trusses of large, deep salmon-pink flowers; center shaded with light violet, also edged with blush white; upper petals feathered, bright crimson.

LORD CLYDE. White, suffused with violet, each petal grandly blotched with deep, violet crimson.

MILTON. Upper petals grandly blotched dark, maroon, surrounded with bright crimson and edged with rose; lower petals soft pink, feathered with crimson, light center; large trusses of fine, elegantly fringed flowers.

ELAINE. Pure white; upper petals blotched and feathered with purplish crimson. Very dwarf, and free bloomer.

GERANIUMS—ZONALE.

15 to 25 cents each.

DOUBLE-FLOWERING.

MADAME BALTET. Double white.
 MADAME THIBAUT. Double pink.
 DEPUTE VIOX. Double Crimson.
 ASA GRAY. Double salmon.
 WONDERFUL. Scarlet.
 EMILE LEMOINE. Cherry carmine.

SINGLE-FLOWERING.

GENERAL GRANT. Bright scarlet.
 MACMAHON. Bronze-leafed.
 MOUNTAIN OF SNOW. Silver-leafed.

FLOWER OF THE DAY. Silver-leafed.

MADAME TALLROY. Dwarf, silver-leafed.

SUNSET. Golden Tricolor.

MRS. POLLOCK. One of the best.

QUADRICOLOR.

CLOTH OF GOLD.

ITALIA UNITA.

HAPPY THOUGHT.

MRS. BENYOR.

MARMALATA.

GERANIUMS—MISCELLANEOUS.

50c to \$1.50 per doz.

ROSE-SCENTED.

NUTMEG-SCENTED.

IVY-LEAFED. Double purple.

LADY COMPTON. New variety.

WILSII.

WILSII ROSIA.

WILSII ALBA.

ELEGANS.

DUKE OF EDINBURGH.

MOUNTAIN OF SNOW.

UNIQUE.

GENERAL GRANT. Large.

NEW LIFE. Single, striped.

MRS. HUTCHISON. New Seedling.

IVY LEAF.

IVY LEAF. White, double.

IVY LEAF. Double pink.

FLOWER OF THE DAY.

LADY PLYMOUTH. Variegated rose.

FILICIFOLIA. Skeleton leaved.

GENERAL LEE. Single, mixed.

CHRYSANTHEMUMS.

The well-known beauty for the garden in the fall is the Chrysanthemum. It is called the "Queen of Autumn," and blooms at a time of the year when all flowers, even the roses, are scarce, and continues blooming throughout the winter. These large, beautiful and interesting flowers last a long time, whether left on the bush or cut; they are finely expanded, and no garden is complete without them. Our display at the nursery is very gorgeous; we have taken care to obtain the true names and to dismiss all worthless sorts.

JOHN MCLARREN A perfect incurving pure white and large high-built flower; a dwarf compact growth of very fine habit.

GOLDEN GATE. Old-gold yellow shaded with amber; very large spreading flower of whirled center; excellent variety for cut flower or specimen plant; a grand habit.

MRS. WM. COUPLAND. The flower full and grand shape, with broad petals; color, clear canary yellow; strong stem and erect.

COCHINEAL. Striking shade of dark crimson, slightly touched with gold on reverse; a lovely incurving flower of long, broad petals; fine for all purposes.

KING OF CHRYSANTHEMUMS. A magnificent flower of largest size, with broad incurved petals; color brownish maroon; reverse reddish gold; finest bronze variety in cultivation; effective for all purposes.

MRS. SENATOR HEARST. Pure white; so't feathery appearance; petals resemble satin ribbon, with silky thread; a wonderful variety.

DR. JULES CALLENDREAU. A soft canary yellow without shading; large incurved flower, with long and broad petals; flower erect; strong stem.

HARVEST MOON. Clear bright yellow; without shading; very showy flower; petals narrow and twisted; suitable for all purposes.

GOLDEN WEST. A dwarf habit of a brilliant shade of rich golden amber; large bold flower of broad-pointed petals.

MOUNT SHASTA. A delicate cream white, outer petals slightly reflexed; belonged to incurved Japanese section.

MARIPOSA. Large spherical flower; petals incurving, twisting and intermingling toward the center.

MRS. GEORGIE CALE. Garnet purple, reverse silvery white, large glittering flower; double and reflexed; distinct in color.

H. YOSHIKE. Very large and handsome-shaped flower, petals tubular, covered with glandular hair on reverse, color, brownish gold or tan, rare color in the chrysanthemum.

ACUARDOR. A grand novelty of largest flower; color terra cotta, reverse brownish yellow; compact grower of fine habit.

MRS. MORGAN. Clear rose pink; a finely incurved flower; petals broad and crisp; a splendid habit.

THE BRIDE. Pure white; large fine flower of perfect shape with tubular reflexed petals.

MASTER GARDEN. Large incurved flower; color waxen white, with delicate pinkish penciling.

YELLOW STONE PARK. Bright yellow, very large beautiful flower of feathery appearance; free bloomer and stem stiff.

TIBURCIO PARROT. Brilliant dark red, reverse old gold, lined terra cotta; large, beautiful, incurving flower of broad, long petals; dwarf and strong growth; a grand late variety.

WHITE CLAINE. A beautiful and double incurving flower; pure white; very large size.

ADA SPAULDING. Large globe-shaped flower; petals broad and solid, color white-pink, very distinct.

CULLINGFORDII. Very dark velvety crimson; with scarlet shade; petals reflexed; very handsome flower.

GOLD. Deep golden yellow suffused with bronze; very fine and double flower.

H. CANNEL. Deep golden yellow; beautiful incurved flower of broad petals; finest variety for general purposes.

JOHN LANE. Rose pink with lighter shading on reverse.

J. CARBON. Anemone variety; center yellow; guard petals deep lavender pink; fine flower.

L. CANNING. Pure white; large and double; one of the best white for cut flower or specimen plants.

GLORIOSUM. Beautiful lemon yellow; large flat flowers of long, thread-like Petals, and whorled in center; very early variety.

MRS. ALPHEUS HRDDY, Well known pure white, large incurved flower of fine downy appearance; covered with glandular hair.

FLYING CLAINE. A grand white, of peculiarly charming shapes; under rows of petals spreading, while the inner are incurving and whorling toward the center; suitable for all purposes; an early variety.

PRESIDENT ARTHUR. Very large spreading flower; petals partially tubular; color deep rose pink; a grand habit.

CARNATIONS.



SARA SANBORN. Large flower, white ground, deep pink stripes; one of the latest and best Carnations for outside culture.

Rooted cuttings ready in March. 50 and 75c per dozen. Plants from open ground, 15c to 25c each; \$1.50 to \$2.50 per dozen.

HELEN KELLER. White, striped

scarlet.

KITTY CLOVER. Light yellow, splashed with red; choice.

ROSE QUEEN. Clear rose pink; fine.

TRIUMPH. Pure pink.

WM. SCOTT. Bright pink, best deep pink,

EL DORADO. Yellow petals edged with pink; good.

CARNATIONS—MONTHLY.

LIZZIE MCGOWAN. Pure white,
fragrant, free bloomer.
DAYBREAK. Light pink.
GRACE WILDER. Rosy pink.

HECTOR. Bright scarlet.
TIDAL WAVE. Carmine.
CRIMSON CORONET. Dark crimson.

CARNATIONS—MARGUERITE.

In various colors. This new race of carnations commences to flower when quite small and continues in bloom during the whole season.

GARDEN PINKS.

Self-colored and striped in about thirty varieties.

FUCHSIAS.

Those marked * are double.

Large plants, 25 cents each; \$2.50 per dozen.
Small plants, 15 cents each; \$1.50 per dozen.

BEAUTY OF CLAPHAM. White
sepals, rose corolla.

ELECTRIC LIGHT. White sepals,
carmine corolla.

PRINCESS ALICE. Orange sepals,
salmon-red corolla.

BEACONSFIELD. Orange.

LUCY FINIS. Red sepals, double
white corolla.

PHENOMENAL. Crimson sepals,
rich purple corolla, very large flowers.

MRS. E. G. HILL. Corolla white
and double.

STORM KING. Very large dbl white.

AVALANCHE. One of the best, purple
center.

STRIPED UNIQUE. Sepals scarlet
crimson, corolla purple and scarlet
stripes.*

TOWER OF LONDON. Scarlet sepals
blue corolla; very large and fine.*

FULGENS. Long, vermillion-colored
flower.

ELM CITY. Corolla rich purple.*

MADAM CORNELLISON. White cen-
ter, free bloomer.*

PEARL OF ENGLAND. White tube,
corolla pink, very good.

PILEAR OF GOLD. Rich golden foli-
age.

DIADEM. One of the best.

MONTROSE. White.*

VANQUER DE PUEBLO. Sepals red,
corolla white.*

FAIREST OF THE FAIR.

QUEEN OF THE WEST.

VENUS DE MEDICIS. Free bloomer.

SUN RAY. Beautiful variegated foli-
age.

BISMARCK. Purple.*

KARL HALT, Pink.

GENERAL. Purple.

WAVE OF LIFE. Pink.

MRS. MARSHALL. Pink.

ROSE OF CASTILE.

BLUE BOY. Purple.*

PERFECTION. GEM. Red.

CHAMPION OF THE WORLD. Purple



ROSES.

I intend to make the cultivation of this universal favorite one of the leading branches of my business. With this object in view I have greatly increased my propagating facilities, to keep pace with the ever increasing demand. To my former very extensive collection I have added, the past spring, everything of apparent merit from the most reliable sources, carefully selecting from the newest varieties offered such as I hoped might prove worthy acquisitions. After a summer's patient care and cultivation several were sore disappointments; such I have entirely dropped. Those I describe hereafter as "New Roses" I consider worthy of further trial, many of them undoubtedly surpassing anything of the various shades and forms heretofore offered. I shall follow this course from year to year, hoping eventually to present a collection that cannot be improved upon. All my plants are strong and vigorous, have been grown entirely in the open ground, and consequently do not require the nursing necessary to the weak little plants propagated under glass in three month's time and sold at low rates. With proper planting and reasonable care they cannot fail to give entire satisfaction the first summer after planting. From November to March they can be shipped in a dormant state packed in moss; for summer planting we cultivate almost the entire collection in pots, so that at no time need my patrons hesitate ordering varieties marked with a star (*)—can be had budded in tree form (usually called Standards) on a single stem, three to four feet high. For the convenience especially of my amateur customers I present a few condensed remarks on

the planting and general care of roses. In the first instance they are entitled to the best place in the garden; a warm, sunny position with exposure to the morning sun, while partly or wholly shaded from the hot, burning rays of that of the afternoons. To this favorable location must be added a rich, warm, loose soil kept in proper condition by cultivation and manure, if the best results are desired. Any ordinary good garden soil will do, however, for comparative success, as the rose is very accommodating in this respect. In planting, if those from the open ground are used it should be done as nearly as possible while the plants are dormant, or not growing. Those on their own roots should be set about as they were in the nursery, while those which have been budded or grafted should be placed with the junction about two inches beneath the surface of the soil. Roses that have been pot-grown can be planted at any time otherwise the treatment is the same. With frequent stirring of the soil and watering often enough to keep the plants in good healthy growing condition, success is assured. In the matter of diseases to which the Rose is subject, for it has its enemies as well as everything else, none will be found so very serious as not to be easily overcome if taken in time. For the green Aphis a solution made by soaking tobacco stems in water and sprinkling the plants or even springling them with common soap suds occasionally, will effectually rid them of this pest for the time being. The remedies most approved for mildew are sulphur and soot, applied as soon as the disease makes its appearance: sprinkle the plants with water and dust them with the substance, or it can be put on early in the morning while the plants are yet wet with dew. For Red Spider a few applications late in the afternoon of whale oil soap dissolved in water, thoroughly syringing the plants in every part will usually be found effective. It is advisable to again syringe them with pure water the following morning. The above are the most common enemies to contend against. Many other minor pests will annoy the careful cultivator, but to enumerate all, with the various remedies for each, is beyond the scope of this article. For this reason one of the many works in the Rose wherein all such information will be found in detail should be in the hands of every grower, no matter how limited the extent of his or her collection. A little reliable information in time may be the source of untold pleasures later on. The proper manner of pruning will be found with each class immediately under the heading, as no general rule can be laid down.

NEW ROSES—1892.

BEAUTE INCONSTANTE (Tea).
Bright Capucine red, shaded and lined
carmine and bright yellow; a novel
and distinct color.

BELLE SIEBRECHT (Hybrid Tea).
A truly superb rose, a cross between
La France and Lady Mary Fitzwilliam.
Color, a solid pink of the richest
shade (a rare color); flowers sweetly
perfumed and large, beautifully formed
and of long, tapering shape; a free
bloomer and vigorous grower.

COMTESSE JULIE HUNYADI (Tea),
flowers yellow, shaded with canary,
edges of petals rose color.

ELIE BEAUVILLAIN (Tea), Rosy
white, centers coppery veined with
red; large, full and imbricated; climbing
habit.

GLORIE DE MARGOTTIN (Hybrid
Perpetual), a grand new Rose, believed
to be one of the finest of recent
years. Color dazzling red. *

LADY HELEN STEWART (Hybrid

perpetual), bright scarlet crimson; flowers fully rounded out, petals large and thick; highly perfumed.

MADAME PIERRE GUILLOT, a new Tea Rose which will undoubtedly become extremely popular; flowers large, full, finely formed, pale yellow tinted with coppery orange at center, becoming pale outwards, edges of petals rosy crimson; a strong grower and free bloomer.

RAINBOW. The color of this lovely rose is a deep Mermet pink, striped and splashed in the most fanciful way

VICK'S CAPRICE. (Hybrid Perpetual). Flowers large with a ground color of soft satiny pink, distinctly striped and dashed with carmine.

with rich Gontier shades, just sufficient to add greatly to its beauty; the base of the petals is of a rich amber. The flowers are well carried on long stiff stems of the same general character as those of the Papa Gontier, but are most decidedly larger, sweeter, of greater substance, and produced much more freely.

SOUVENIR DE MAD. MÉRTRAL (Climbing Tea), flowers very large, full and fragrant; color a light red, brightening still more with brilliant carmine. *

TEA, OR EVER-BLOOMING ROSES.

This group, with their delicious fragrance, their delicate neutral tints, and their free flowering qualities, are undoubtedly entitled to the distinction of being the most choice, desirable and popular of all the families of roses. As a class, they are sensitive of any neglect; the soil can scarcely be made too rich for their reception, but it must be *light, warm* and *well drained*. Most of the varieties being of moderate growth require rather close pruning. The flowers are most highly valued in the bud.

ALPHONSE KARR. A valuable and very beautiful Tea Rose; fine large buds and flowers; full and double, color bright violet crimson, deeply shaded with purplish red, center brilliant carmine; strong grower and free bloomer. *

AMAZONE. Yellow, reverse of petals veined with rose; long, well-formed buds. *

BON SILENE. Deep rose color, sometimes bright rosy crimson; very sweet and beautiful. *

BOUQUET D'OR. Yellow, with coppery center; large, full.

BOUGERE. Flowers extra large, very double and full; sweet tea scent; color, bronze rose or violet crimson, delicately shaded with lilac. *

CATHERINE MERMET. Color clear, shining pink, with delicately shaded amber and fawn center; large globular

flowers, a strong grower and good bloomer. *

CLIMBING DEVONIENSIS. A sport from Devoniensis; as productive as the old sort, with the advantage of being a vigorous grower.

COMTESSE RIZA DU PARC. A fine variety; color bright coppery rose, tinged and shaded with soft violet crimson; flowers large, very full and sweet; a profuse bloomer. *

CORNELIA COOK. Large fine buds; creamy white. *

DOCTOR GRILL. Coppery yellow, suffused with rose. *

DEVONIENSIS. Beautiful creamy white and rosy center; large, very full and double; sweet tea scent; one of the finest Roses. *

DUCHESS DE BRABANT. Soft silvery blush, changing to deep rose. *

ELIZA SAUVAGE. Yellow to white; a profuse bloomer.*

GLOIRE DE DIJON. Fawn, tinted with salmon and rose. Few Roses have obtained such wide and well deserved popularity as this sort.*

GOLD OF OPHIR. Bright salmon and fawn; habit very vigorous.*

GRACE DARLING. A fine Rose; color porcelain rose elegantly shaded with vinous crimson; medium size, handsome flowers; very sweet.*

HOMER. Rosy pink with salmon shade.*

ISABELLA SPRUNT. Sulphur yellow; very beautiful in the bud.*

LA FRANCE. Silvery rose, changing to pink; very large, full, globular; a constant bloomer, and the sweetest of all roses, an invaluable sort.*

LA NANKEEN. Highly valued for its magnificent buds, which are deep orange yellow at base, and rich creamy white at the point; very fragrant.

LA SYLPHIDE. Blush with fawn center; very large and double.*

LUCOIDE. Carmine rose, tinted with saffron yellow, base of petals coppery yellow; large, long, well shaped bud; very fragrant.

MADAME CHEDANNE GUINOISSEAU. Flowers clear golden yellow, large, very full and sweet; buds long and pointed.*

MADAME DE VATRY. A splendid Rose; large, full form, very double and sweet; color rich crimson scarlet; very bright.

MADAME DE WATTEVILLE. This grand Rose is one of the most beautiful varieties; the color is a remarkable shade of creamy yellow, richly tinged with carmine, the flowers are finely rayed, large, very full and highly perfumed.*

MADAME FALCOT, Nankeen, changing to yellow; very pretty both in bud and when expanded.*

MADAME JOSEPH SCHWARTZ. Color pure white, elegantly tinged and

shaded with pale yellow and rosy blush.*

MADAME LAMBARD. Color a beautiful shade of rosy bronze, passing to salmon and fawn, shaded with carmine; buds and reverse of petals, deep, rosy crimson.*

MADAME LAZARINE POIZEAU. Flowers orange yellow, full, fine form.

MADAME WELCH. Pale yellow, deep orange center, often shaded with reddish copper; flowers large, well formed and very double.*

MARIE GUILLOT. White faintly tinged with yellow; large, full, a splendid form, a most beautiful tea.

MARIE LAMBERT. Beautiful pale flesh color, passing to rich, creamy, white; delightfully perfumed.*

NIPHETOS. Pure, white, very large and globular; a very popular rose; the best white tea.*

NIPHETOS (Climbing). A very elegant new rose, same as Niphetos, except that it is a vigorous climber.

PERLE DES JARDINS (Climbing). Identical with Perle des Jardins and equally good in every way, but of vigorous climbing habit.

PAPA GONTIER. Extra large, finely formed buds and flowers, full and fragrant; color brilliant carmine, changing to pale rose, the best red tea rose yet introduced.*

PERLE DES JARDINS (Pearl of the Gardens). This is the best yellow rose: an abundant bloomer; buds are very large, flowers of the deepest yellow; highly fragrant.*

REINE MARIE HENRIETTE. Large, compact, finely formed flowers, color clear cherry red, very pretty and desirable; a strong climber.*

SAFRANO. Buff, shaded yellow; free bloomer, beautiful buds.*

SHIRLEY HIBBERD. Beautiful Nankeen yellow; small flower, extra fine in bud.*

SOUVENIR DE PAUL NEYRON. An

elegant sort, color white beautifully tinged with clear golden yellow.

SOUVENIR DE WOOTON. A red tea rose of American origin; flowers perfectly double, very fragrant; shoots long, erect. *

SOUVENIR D'UN AMI. Pale rose, sometimes slightly suffused with salmon; very large, full, globular, highly perfumed; an old favorite. *

SUNSET. The color is a remarkable shade of rich golden amber.

THE BRIDE. An ever-blooming, pure white Rose of large size and most perfect form. The buds are pointed and the ends of the petals are slightly curved back. It is a free-blooming variety and has the most delicious tea fragrance. *

THE QUEEN. Large, pure white, the offspring of *Souvenir d'un Ami*, whose many qualities it possesses; it is a continuous bloomer, producing successive crops of buds and flowers in great profusion; the buds are beautifully formed and exquisitely scented.

TRIOMPHE DE LUXEMBOURG. Buff rose, large and good in the bud; healthy habit; a very desirable sort.*

WABAN. A valuable rose, color a rich, deep bright pink, much brighter and more durable than *Mermet*, but has the same beauty of form, and is a more abundant bloomer. *

W. F. BENNETT, a fine rose, in profusion of bloom unsurpassed by any of the monthly roses. It produces extra fine buds of the most brilliant crimson, with a delicious fragrance.*

HYBRID TEA ROSES.

BEAUTY OF STAPLEFORD, flowers very large, of perfect form, deliciously scented; color clear bright pink, shading to bright rosy crimson; large and beautiful buds.

CHESTNUT HYBRID, red, shaded with violet; large, full, slightly fragrant; very distinct. *

PURITAN, in size and shape resembles *Mabel Morrison*; flowers large, pure white, sweet; fine foliage. *

DUCHESS OF ALBANY, OR RED LA FRANCE, It resembles *La France*, but is more vigorous in growth and much deeper in color; a continuous and free bloomer.

METEOR, color rich velvety crimson, exceedingly bright and striking; buds and flowers are large and elegantly formed, and borne on nice long stems. It is a vigorous, strong grower and free bloomer.

HYBRID PERPETUAL ROSES.

The varieties of this inestimable and truly popular group differ greatly in all their characteristics, and so require somewhat different culture and treatment. As a general rule, however, they thrive best in a well prepared loam. Close pruning is generally required, but should be regulated to some extent by the rate of growth of each variety, those of vigorous habit not requiring to be cut back so much as those of slower growth. The flowers range in color from the purest white to the deepest crimson with the intermediate shades of pink, blush, cherry, carmine and peach.

AMERICAN BEAUTY, an ever-blooming Hybrid Perpetual. Its color is a deep glowing rose; the shape is globular; very double, with a delicious odor. *

BARONESS ROTHSCHILD, pale, delicate rose, shaded with white; large and globular. A grand rose; one of the very best *

BARON NATH. DE ROTHCHILD. Color bright carmine, edged with white; large and full.

BARONNE PREVOST, beautiful bright rose, deeply shaded with dark crimson; very large; finely perfumed.*

CAPTAIN CHRISTY, delicate flesh color, deeper in the center. This is a very desirable variety. *

CARDINAL PATRIZZI, dark velvety crimson. *

FISCHER HOLMES, bright scarlet; imbricated; one of the best. *

EARL DUFFERIN, velvety crimson, shaded with rich dark maroon; very large and full; free bloomer and sweet.

EMPRESS OF INDIA, dark brownish crimson; large and full globular flowers.

EMPEREUR DU MAROC, deep velvety maroon; small size; very distinct and beautiful. *

GENERAL JACQUEMINOT, brilliant crimson scarlet; esteemed one of the finest roses. *

GIANT OF BATTLES, brilliant fiery crimson. *

GLORIE LYONNAISE. Creamy white, tinged orange; strong grower

and good bloomer.

HER MAJESTY, a delicate, but bright pink. *

JEAN LIABAUD, intensely bright crimson, with violet shading. Extra fine. *

JOHN HOPPER, deep rose, with crimson center; fine form. *

LA REINE, beautiful clear bright pink; very large and fragrant. *

MABEL MORRISON, white, faintly flushed with pink; extra. *

MAGNA CHARTA. A splendid Rose; very fragrant; color clear rosy red, beautifully flushed with violet crimson.

MARSHALL P. WILDER. Flowers cherry carmine; large, semi-globular, full and well formed.

PAUL NEYRON. Dark rose; very large and of good habit. *

MRS. JOHN LAING. Color clear bright pink, exquisitely shaded; the buds are long and pointed, the flowers extra large and full; exceedingly sweet.

ULRICH BRUNNER. Cherry red; globular flowers; very vigorous. *

XAVIER OLIBO. Scarlet, shaded with black; large full and globular. *

NEW ROSES—1897.

SOUV. DU PRESIDENT CARNOT. A charming new French rose. The flower is large; of exquisite shape with heavy thick, shell-like petals; buds long and pointed, similar to

Niphetos; but very much larger, and all borne on long, stiff, erect stems. Color delicate rosy flesh, shaded a trifle deeper at the center. A profuse bloomer.

NEW ROSES—1896.

CRIMSON RAMBLER. A beautiful new, hardy, climbing Polyantha rose; a wonderfully strong vigorous grower, often making shoots 15 feet long in a season. The flowers are bright crimson, produced in immense clusters. A grand pillar rose.

Rose. The color is a rare and remarkable shade of clear amber rose, tinged at the center with apricot yellow, edged and bordered with rich carmine, deliciously scented.

PRINCESS STEPHANIE Flowers large; petals prettily imbricated, full and sweet; color salmon yellow, deli-

HENRY M. STANLEY, A new Tea

cately flushed with rosy crimson, passing to pale pink.

REINE OLGA DE WURTEMBERG. Large full and fine; color rosy flesh, delicately tinged with salmon yellow; petals margined with crimson, blooms in clusters.

PINK ROVER. Flowers very pale pink, deeper in the center. Climbing habit, free blooming and sweet.

BRIDESMAID. A new rose of American origin; clear bright pink; identical with its parent Cath. Mermet, except in regards to color.

MARION DINGEE. A splendid red rose, and one of the finest; flowers of good size, nicely cup-shaped and born in wonderful profusion all through the growing season. Color, deep

crimson, changing to carmine in the matured flowers.

KAISERINA AUGUSTA VICTORIA. A German variety; color, pure ivory white; a large, full flower, stems long and bearing large, strong canes with handsome foliage.

MADAME AUG. GUINNESSEAU. (White La France.) A magnificent rose resembling La France in growth and bloom, but more vigorous and free blooming, color a lovely shade of light peach.

MADAME CAROLINE TESTOUT. A really grand rose of the La France type, but larger and of better color. It is clear pink. There is nothing in the rose line that can approach it in color.

MOSS ROSES.

These are distinguished from other roses by the moss-like substance which surrounds the flower buds. With few exceptions they require close pruning, rich soil and high culture. On account of their beautiful buds they are great favorites.

APHELIS PURPUREA. Violet purple large fine form.

BLANCHE MOREAU. White, perpetual bloomer.

GLORY OF MOSES. Pale rose; very large, full flat form.

HENRI MARTIN. Red.

MOUSSELINE. Extra fine; large, very full and delightfully fragrant; color pure white, sometimes delicately shaded with rosy blush, elegantly

mossed and very beautiful. A continuous bloomer.

SALET. Light rose, large and full; also pretty in bud. A free blooming, excellent rose.

WHITE BATH. Flowers paper white occasionally producing striped or pink petals, well mossed, exquisite in bud, large and full; form globular; habit erect; growth moderate. A beautiful rose.

NOISETTE OR CHAMPNEY ROSES.

The Noisette Roses are of American origin. The group is naturally of free growth, with a tendency to produce large clusters of delicate colored flowers during the greater part of the season. Nearly all the varieties make magnificent climbers, requiring little pruning, and will grow well in almost any soil.

AIMEE VIBERT. Pure white, small sized flowers, in large clusters.*

AIMEE VIBERT, CLIMBING. Resem-

bles Aimee Vibert, but is of more vigorous growth.

CELINE FORESTER. Pale yellow,

deeper towards the center; an excellent rose.*

CLAIRE CARNOT. Yellow, bordered with white and carmine rose; medium size; full and well formed; growth vigorous.

LAMARQUE. White flowers; an excellent variety.*

L'IDEAL. Coppery rose reflex with metallic tints of copper and golds large and full.

CLOTH OF GOLD. Deep yellow cen-

ter, with sulphur edges. A magnificent rose.*

MARECHAL NIEL. One of the largest and most beautiful roses grown; flowers extra large, very double and deliciously perfumed; color deep golden yellow; buds of immense size.*

REVE D'OR. Deep yellow; large and full.*

WILLIAM ALLEN RICHARDSON. Orange yellow; flowers small, of the Madame Falcot type.*

BOURBON ROSES.

HERMOSA. Bright rose; a most constant bloomer.*

HERMOSA, CLIMBING. Clear, bright pink, flowers medium size, full and regular, very fragrant; a strong grower and free bloomer.

MRS. BOSANQUET. Pale flesh color, large and double. Fine.*

SOUVENIR DE LA MALMAISON. Delicate flesh color, tinted with fawn; very large and double.*

MADAME HEYMAN.

POLYANTHA ROSES.

A group from Japan, distinguished from all others by its paniced blooms. They are most constant and profuse bloomers, and exceedingly beautiful and fragrant. Growth low and compact. Thornless.

ANN MARIE DEMONTRAVEL. A beautiful, pure white, fairy-like rose; very double, perfect flowers, delightfully sweet scented, and borne in such large clusters that the whole plant seems a mass of flowers. It blooms profusely from early summer to late fall.

MADemoiselle CECILE BRUNER. The flowers are double and fragrant; color clear rosy pink.*

CLOTHILDE SOUPERT. Medium size very double and beautifully imbricated, producing in clusters, liable to vary; producing often red and white flowers on same plant.

PERLE D'OR. Charming and very distinct; color coppery gold, changing to fawn and salmon; flat, rayed form, very double and elegantly perfumed.

BENGAL OR CHINA ROSES.

These are natives of China. They are moderate, branching growth, with flowers and foliage both small. They require rich soil and close pruning; have no fragrance, but in spite of this are a very valuable class, on account of the profusion of crimson buds which they furnish.

JAMES SPRUNT. A climbing sport from Agrippina; crimson, the same color as the parent, but the flowers are fuller and larger; desirable.*

AGRIPPINA. Rich velvety crimson; moderately double; fine in bud; one of the best.*

AUSTRIAN ROSES.

Natives of the south of Europe, having single flowers of a yellow or coppery-yellow color. They are very hardy as a class and must not be severely pruned, merely cutting away diseased or superfluous branches.

HARISONII. Flowers fine golden yellow, of medium size, cupped form, habit pendulous. An abundant bloomer.

PERSIAN YELLOW. Bright yellow, small, nearly full, well formed; small foliage faintly scented like the Sweet Briar.

PRAIRIE ROSES.

This class is indigenous to the country, and for rapidity of growth they equal or excel the Ayrshires, and surpass all other climbers in hardiness. They bloom in large clusters late in the season.

BALTIMORE BELLE. Pale blush, variegated carmine rose and white; very double; flowers in beautiful clusters.

BANKSIA ROSES.

WHITE. Pure white, very double; small flowers, with the delicate fragrance of the violet.

YELLOW. Clear yellow, and very double.

MISCELLANEOUS ROSES.

CHEROKEE, DOUBLE. This is a strong climber, and has double white flowers.

CHEROKEE, SINGLE. Large, single, pure white flowers.

SWEET BRIAR OR EGLANTINE. Flowers worthless, but the foliage gives out after a rain, or when moistened by the morning dew, a delight-

ful perfume, equalled by few rose blooms.

FORTUNE'S YELLOW. This rose is also known by the following names: Beauty of Glazenwood, San Rafael, Watkins and Hester. Flowers yellowish orange, large semi-double, a splendid wall rose.

CLIMBING ROSES.

These will be found described in the various preceding classes to which they belong. I collect them under this heading for the convenience of my patrons. They are very useful, and highly valued for training over arbors, trellises and verandas; and as screens for unsightly objects such as fences, walls, etc., they cannot be surpassed.

AIMEE VIBERT.....*Noisette*
 CAROLINE SCHMIDT....."
 CELINE FORESTIER....."
 CLOTH OF GOLD....."
 LAMARQUE....."

MARECHAL NIEL....."
 REVE D'OR....."
 SOLFATERRE....."
 W. A. RICHARDSON....."
 PRAIRIE VARIETIES.....*Prairie*

JAMES SPRUNT.....	Bengal	REINE OLGA DE WURTEMBERG "
CLIMBING DEVONIENSIS.....	Tea	BANKSIA, WHITE..... <i>Banksia</i>
REINE MARIE HENRIETTE..	"	BANKSIA, YELLOW..... "
GLORIE DE DIJON.....	"	FORTUNE'S YELLOW or Beauty of
PRINCESS STEPHANIE.....	"	Glazenwood.

CACTUS.

TRIANGULARIS, 50c to 75c each.	SPECIOSISSIMA.
SPECIOSA.	SERPENTINUS.
SPECIOSA ALBA, new white, 50c to \$1 each.	FLAGILLIFORMIS.
JINKINSONII.	TRUNCATA, MAJOR.
PERUVIANA.	TRUNCATA MINOR.
GRANDIFLORA. Night-blooming Cereus, 50c to \$1.	MAMALARIA.

CONIFERIAE.

ARAUCARIA EXCELSA. Norfolk Island Pine, \$2 to \$5.	JUNIPERUS Bermudiana, 50c each.
ARAUCARIA IMBRICATA, Chili Pine, \$1.50 to \$10.	" Pendula, \$1 each.
ARAUCARIA BIDWILLI, \$1.50 to \$3.	" Japonica Variegata, 25c to 50c.
CASUARINA STRICTA, 50c.	" Patagonienses, 50c.
CEDRUS DEODORA, Weeping Cedar, \$1.50 to \$2.50.	" Hibernica, 50c each.
CEDRUS LIBANI, Cedar of Lebanon, large plants, \$2.50 each.	" Attica, silver Juniper; rare and beautiful, \$1 to \$2 each.
CRYPTOMARIA JAPONICA, fine Japan Cedar.	LIBOCEDRUS Decurrens, 30c to 50c.
CUPRESSUS, Funebis, Japan Cypress; weeping, 30c to 50c each.	PINUS Insignis, Monterey Pine, 15c to 25c each.
CUPRESSUS, Lawsoniana, 50c each.	" Scotch, 25c.
" Macrocarpa Monterey Cypress. The increasing demand for this beautiful evergreen has induced me to double my stock this season. My stock comprises over 50,000 plants, in fine order, from 6 inches to 5 feet high, all of the fine foliage variety. From \$1.50 to \$15 per hundred, according to size.	" Other sorts, 35c to 50c.
	SEQUOIA GIGANTFA, Big tree of California, 50c to \$1 each.
	TAXUS Baccata, English Yew, 75c to \$1 each.
	" Hibernica, Irish Yew, \$1 to \$5 each.
	THUJA Aurea, Golden Arbor Vine, 50c to \$1.
	" Occidentals, 25c.
	" Orientalis, 25c to 50c each.
	NORWAY Spruce, 50c to \$1.

HARDY CLIMBING PLANTS.

AUSTRALIAN PEA, 25c each.	AMPELOPSIS Virginica, Virginia Creeper, 25c each.
ABUTILON Vexillarium, 25c each.	AMPELOPSIS Veitchii, a beautiful small-leaved sort, which adheres to
ABUTILON Vexillarium, Variegata, 25c each.	

Stones or wood like ivy; hence very desirable, 25c.

BIGNONIA Radicans, 25c each.

" Grandiflora, 40c each.

CLEMATES, Flamula, sweet scented, 40c each.

CLEMATES, Jackmanni, a fine hardy climber in great demand, flowers large purple, 75c each.

COTONEASTER Microphylla, 50c.

CLIANTHUS Puneceus, 25c to 50c.

COBEA Scandens, 25c each.

DIRINGIA Variegato, 25c.

DOLICHOS Lignosus, 25c each.

EVERLASTING PEA, white, purple and violet, 25c each.

ECREMOCARPUS Scabra, 25c each.

GLECHOMA Hederacea, 15c each.

HEDERA Hibernica, Irish Ivy, 25c.

" Elegantissima, variegated, 30c.

" Marmorta, variegated, 30c.

" Heart-leaved, 25c to 30c.

JASMINUM Officinalis, white Jasmine, 25c to 40c each.

" Revoluta, Yellow Jasmine, 25c to 40c each.

" Catalonica, 25c to 50c.

LOPHESPARMUM Scandens, 25c to 35c each.

LONICERAS, of sorts, 25 to 35c each.

MAURANDIA Barclayana, blue, 25c.

" Alba, white, 25 to 25c.

MADERIA VINE. 15c.

MYRSIPHILUM, Asparagoides, Smilax, 15 to 25c.

MAHERNIA Odorata, 25c. each.

MANDEVILLEA Suaveolence, 35c.

PHASEOLIUS Carocole, snail flower, 50c.

PLUMBAGO Capensis, 25c to 35c.

PASSIFLORA, Passion vines of sorts. 25 to 50c.

PHYSIANTHUS Alba, 25c.

RHYNCOSEMUM Jasminoides, 50c.

SMILAX. This delicate-looking but beautiful vine, is perfectly hardy. Its delicate vines are always in demand. 15 to 25c.

SOLLYA Heterophylla, 25 to 40c.

SWAINSONIA Gallegifolia, 25c.

" Alba, Pea blossoms, 25c.

SOLANUM Jasminoides, 25 to 35c.

" Variegata, 25 to 35c.

TECOMA Capensis, 30 to 50c.

" Jasminoides, one of the most desirable evergreen climbers, 30 to 50c.

WISTARIA Sinensis, one of the best deciduous climbers, 25 to 50c.

WISTARIA Alba. New white, 50 to 75c.

Vinca. Six best varieties, 25c. each.

CONSERVATORY PLANTS.

BIGNONA Venusta, 50c.

HOYA Carnosa. Wax Plant, 50c to \$1 00.

HOYA Variegata. Rare and beautiful, 50c to \$1.

JASMINUM Catalonicum. 30 to 50c.

PASSIFLORA Princeps. Very fine scarlet. 50c each.

TAXONIA Van Volxima. Beautiful scarlet. 30 to 40c.

MANETIS Coccinea. 50c each.

STEPHANOTUS Florabunda. White, very fragrant, the most desirable of all. 50c to \$1 50.

TECOMA Jasminoides. 30 to 50c.

MAURANDIS Alba. Beautiful white. 25c.

PHASEOLUS Caracole. Snail flower. 50c.

PLANTS FOR HANGING BASKETS AND VASES.

15 to 25c each.

ALTERNANTHERAS, of sorts.
 ARTILLERY FERN.
 BEGONIAS, of sorts.
 BABBINGAULTIA Variegata.
 CHINESE PRIMROSE.
 COCCOLOBA PLATACLADA.
 DRACENAS, of sorts.
 FERNS, of sorts.
 FARFUGIUMS, of sorts.
 FORGET-ME-NOT.
 GERANIUMS, Ivy-Leaved.
 ISOLEPSIS GRACILIS.
 LIBONIA FLORABUNDA.
 LINARIA NUMMULARIA.
 LYCOPODIUMS.
 MESEMBRYANTHEMUMS.
 PEPPERMINT, Variegated.
 POA VARIEGATA.
 RUSSELIANA JUNCEA.
 REMECKEAS.
 SMILAX.
 SALVIA VARIEGATA.
 SEMPERVIVUMS.
 SAXIFRAGUS, of sorts.

THYME, Variegated.
 VINCAS, of sorts,
 ACHYRANTHUS, of sorts.
 ASPIDISTRA.
 BAMBUSA, of sorts.
 CYCLAMENS, of sorts.
 CUPHEAS, of sorts.
 COLEUS, of sorts.
 ECHEVARIES, of sorts.
 FESTUCA GLAUCA.
 FUNKIAS, of sorts.
 GLECHOMAS, of sorts.
 HEDERA (Ivy), of sorts.
 KENILWORTH IVY.
 LOBELIA, of sorts.
 MAHEENIA ODORATA.
 MARANDIAS.
 PANICUM VARIEGATA.
 PRIMULAS, of sorts.
 SOLLYA HETEROPHYLLA.
 SEDUMS, of sorts.
 SYNTHROPIA EUROPEA.
 TRADESCANTIAS.
 YERBA BUENA.

FERNS.

ADIANTUM Cuneatum, Maiden's hair.
 " Pedatum.
 " Capillus.
 " Gracillinum, this variety is yet scarce, and in great demand. Foliage very fine and graceful, \$1.50.
 " Farlayense, a superb weeping variety in great demand, \$1 to \$2.
 POLYSTECHUM Auyulara, 25c to \$1 each.

PTERIS Alba.
 " Argyrea.
 " Longifolia.
 " Wilsonii.
 " Serrulata.
 " Tremula.
 DAVALLIA Canariensis, Hare's foot fern.
 ASPLENIUM Fabianum.
 PILEA Densan, and many other varieties.
 LYGODIUM Scanders. Climber.
 NEPHROLEPIS Exaltata.

LILIES.

CHINESE SACRED LILY. 15c each, \$1.50 per dozen.
 NARCISSUS INCOMPARABLE. Double yellow. 10c each, 50c per dozen.

NARCISSUS TRUMPET MAJOR. Single daffodil. 40c per doz.
 NARCISSUS ALBINO PLENO. Double white, very fragrant. 5c each.

NARCISSUS VAN SION. Yellow daffodil. 50c per dozen.

NARCISSUS PAPER WHITE, 35c per dozen.

SPIRÆA JAPONICA. Large clumps of most graceful habit; white flowers. 25c each; \$2.50 per dozen.

SNOWDROPS, single, 25c per dozen.

TUBE ROSES, The Pearl. Produces large and double flowers on the shorter stems than the common variety. Extra strong bulbs, 10c each; 75c per dozen.

DAHLIAS. Fine collection of twenty best imported varieties. All colors (double), 25c each; \$2.50 per dozen.

DAHLIAS. Fine single varieties. 25c each; \$2.50 per dozen.

FREESIA REFRACTA ALBA. This charming flower has already become a favorite, and the ready facility with which it can be forced to bloom makes it highly prized by florists; the flowers are deliciously fragrant, and are borne profusely, 15c per dozen.

LILY OF THE VALLEY. Strong pips, 25c per dozen.

LILIUM AURATUM. (Golden-rayed Queen of Lilies). This magnificent variety has become one of the standard favorites of the flower garden. The flowers are produced in great

profusion, and are deliciously fragrant. 10c each; \$1 per dozen.

LILIUM SPECIOSUM ROSEUM or RUBRUM. Rose spotted with crimson. 15c each; \$1.50 per dozen.

LILIUM SPECIOSUM ALBUM. Pure white and very fragrant, 15c each; \$1.50 per dozen.

LILIUM LONGIFLORUM. A well-known, beautiful, snow-white lily; very fragrant, 15c each; \$1.25 per dozen.

LILIUM CANDIUM. The well-known hardy garden lily, snow-white; fragrant flowers; 15c each; \$1.25 per dozen.

LILIUM TIGRINUM. (Tiger Lily). Single, orange salmon, spotted with black, 10c each; \$1 per dozen.

LILIUM TIGRINUM. (Tiger Lily). Double bright orange flowers, spotted with black, 15c each; \$1.25 per dozen.

LILIUM HARRISII. This is the handsome, free flowering Eastern Lily of Bermuda; invaluable for pot culture; its pure white flowers being borne in greatest profusion. Fine bulbs, 15c each; \$1.50 per dozen.

LILIUM HUMBOLDTI. A remarkably fine variety, freely producing fine large flowers of a golden yellow color, spotted with purple; 25c each; \$2.50 per dozen.

BULBS AND TUBEROUS ROOTED PLANTS.

AMARYLLIS Belladonna, 25c each.

" White, 25c each.

" Johnsonii, very fine, 75c

" Atamsø, 25c each.

" Lutea, 50c each.

" Prince of Orange, 50c.

ANEMONES, named sorts, 5c each; 25c per doz.

" Mixed, 5c each; 25c per dozen.

ANTHOLYZA, 15c each.

CROCUS, 25c per dozen.

SPARAXIS, very fine, 10c each; 25c per dozen.

HYACINTHS, named, 10c to 15c each; \$1.50 per dozen.

" good mixed, 10c each 75c per dozen.

CYCLAMEN, 25c to 40c each.

EUCHARIS Amazonia, 50c each,

IMANTOPHYLLUM Miniatum, 50c to \$1.00.

IRIS, 10c to 20c.

IXIAS of sorts, 10c; 25c per dozen.

JONQUILS of sorts, 25c per dozen.

LILIES.

Japanese, 10c to 25c.

NARCISSUS mixed, 5c each; 25c per dozen.

OXALIS, pink, 25c per dozen.

“ other sorts, 15c per plant.

RANUNCULUS, mixed, 25c per dozen.

SNOW DROPS, 25c per dozen.

VALLOTAS, 30c each; \$3 per dozen.

GLADIOLUS, named sorts, 25c.

\$2.50 per dozen.

“ mixed good, 10c each ;

\$1 per dozen.

“ mixed, 10c each; 75c

per dozen.

SPARAXIS, mixed, 25c per dozen.

ANTHOLYZA Bi-color, 25c each.

TULIPS, named sorts, 30c per dozen.

“ mixed, 25c per dozen.

TUBE ROSES. Pearl, best, 10c each; 75c per dozen.

PÆONIES, of sorts. Fine double, 50c.

DAHLIAS, best, 25c each; \$2.50 per dozen.

NERINE Fothergilli. A gorgeous flowering bulb; very scarce, 50c.

STAR OF BETHLEHEM. 25c per doz.

SQUILL, or Scillia Maritima, Sea Onion, 25c each.

ARUM Draccunculus, 25c each.

WATSONIA Coccinea, 10c to 25c each

SCILLA of sorts, 25c each.

“ Peruvian. Large bulbs, 30c each.

GENERAL LIST OF PLANTS.

ALOE Variegata, rare, \$1.

“ Serrulata, \$1.

“ Other curious and rare sorts, \$1 to \$1.50.

AGAPANTHUS Umbellata, African Lily, 50c.

“ Variegata, 50c.

“ Flower blush, white, 50c.

ARAUCARIA Excelsa. Norfolk Island Pine, \$2 to \$5.

“ Imbricata. Chili Pine. \$1.50 to \$3.

“ Bidwilli, \$1.50 to \$3.

AGAVE Americani, Century Plant. 25c to \$1.

“ American Variegata, 25c to \$1.50.

“ Striatum, \$1.

“ Longifolia, \$2.

“ Verschaffelti, \$1.

“ Vivipara, \$1.

“ Xalapensis, \$1.

“ Xylinaantha Lineata, \$1.

“ Millerii, \$1.50.

“ Grandidantata, \$1.

AGERATUM Mexicanum, and others, 25c.

ARUNDO Donax Variegata, very ornamental, 25c to 35c.

ACALTHEA Celestis, Blue Daisy, 25c.

ALMOND, Double Flowering, pink, 25c to 40c.

“ Double White, very scarce 50c.

ACHYRANTHUS, of sorts, 10c.

AZALEAS, of sorts, 50c to \$1.

ANEMONE Japonico Alba, hardy herbaceous, 50c.

“ Japonica Rosea, rose color, a new, hardy herbaceous sort, 50c.

“ (See Bulbs.)

ANTHROPIA Spicata, 50c.

AURICULA, of sorts, 25c.

ARBOR VITÆ, 25c to 50c.

“ “ Golden, very desirable, 50c to \$1.

ANTERHINUM, 25c.

AUSTRALIAN PEA, 25c.

ARTILLERY FERN, 25c.

ANTHUREUM Grande, \$1.

ANTHERICUM Vittatum Striatum, 50c.

ABUTILON Thompsonii, 25c.

“ Venosum.

“ Striatum.

“ Vexillarium.

“ “ Variegata.

“ Alba, white.

“ Aurea.

ABUTILON, Humboldtii.
 " Boule de Neige. 25c to 35c,
 ARABIS Alpina Variegata, 25c.
 AMPELOPSIS Virginica, 25c.
 " Veitchii; very desirable, 25c.
 " Tricolor, 25c to 35c.
 ASPARAGUS Plumosa, new, very graceful plant.
 ASPIDASTRA Lucida Variegata, 35c.
 AMARYLLIS Lutea, pink and white, 25c.
 " Atamasco, 25c each.
 " Johnsonii, 50c.
 " Prince of orange, 50c.
 " White, 50c each.
 ALOCASIA, 50c each.
 ALTERNANTHERA Spathulatu.
 " Spectabilis.
 " Versicolor, 10c.
 AMARANTHUS, of sorts, 10c.
 ACACIA Fragrans, 25c each.
 " Mollissima, 25c to 40c each.
 " Mexanoxylon; one of the best, 15c to 30c each.
 ACUBA Japonica, 50c each.
 ANTHOLYZA, Bi-color, 25c each.
 AQUILEGIA, Columbine, 25c each.
 ARBUTUS, 25c to 35c each.
 ALOYSIA Citriodora, Lemon Verbena, 25c to 40c each.
 ALYSSUM Moritemum, white. sweet-scented, 10c each.
 ACHANIA Malvavisca, bright scarlet, 35c.
 ADIANTUM. See Ferns.
 ASPARAGUS. See Esculents.
 BIGNONIA Venusta, 30c to 50c each.
 " Grandiflora, 50c each.
 " Radicans, 25c.
 BOUVARDIA Davidsonii; white, 30c.
 " Alfred Nuner, a fine new double white, 50c.
 " of sorts, 30c.
 BRUGMANSIA Flora Pleno Alba, 50c.
 BAMBUSA Variegata, 25c each.
 " Communis, 25c.
 BEGONIA Manicata, 30c to 50c each.
 " Weltonienses, 25c to 50c.

BEGONIA Bolivienses, 30c to 50c.
 " Parviflora, 25c to 50c each.
 " Alba, 25c to 50c each.
 " Rex, 40 varieties; new and rare, 25c to 50c each.
 " Tuberos rooted, a splendid assortment.
 " Odorata, 25c to 50c each,
 " Rex, 25c to 50c each.
 " Carnea, 25c to 50c each.
 " Maculata, 25c to 50c each.
 " Sanguinea Picta, 25c to 50c each.
 " Semperflorens 25c to 50c.
 " Palmata, 50c each.
 " Picts, 50c each.
 " Hybrida Multiflora, 50c.
 " Glaucophylla, 50c.
 " Parnellii, 50c each.
 " Zebrina, 50c each.
 " Argyrostigma, 50c.
 BUSARIA Spinosa. A beautiful, hardy evergreen, white flowering tree of great value; but little known, 50c to 75c.
 BUXUS Variegata, variegated tree box, 25c to 35c each.
 " Arborea, tree box, 25 to 35c.
 " Dwarf box for edging, \$2.50 per 100.
 BLACKBERRY PLANTS. See Fruit and Tree List.
 CAMELLIAS, of sorts, 50c to \$1 each.
 COPROSNIA Variegata, one of the most beautiful variegated plants grown. Very much resembles the Golden Euonymus Japonica, but of a richer and brighter yellow and green small plants, 15c each; \$1.50 per dozen; large plants, 25c, 50c and \$1.00 each.
 CYPERES Alternifolia Variegata, an exquisitely beautiful plant from Japan; 50c each.
 CYPERES Alternifolia, 25c to 50c each
 CYDONIA Japonica, Flowering Quince; a very desirable shrub; 50c.
 CISSCS Discolor, 50c each.
 CROCUS. See Bulbs.

- CESTRUM Aurantiacum, yellow, very fine, 50c each.
 " Nocturnum, night-blooming Jasmine, 25c to 50c each.
- CRINUM Sandwich Island Lily; large, \$1 each.
- CARNATIONS, an unrivalled collection of over 60 varieties, 25c each, \$2.50 per dozen.
- CANNA Indica, Indian shot, 25c.
- CERASUS Laurocerasus, English Laurel, 35c to 50c.
 " Illicifolia, California Cherry, 30c each.
 " Lucitenica, Portugal Laurel, 50c each.
- CAMPANULA, white and blue Canterbury bell, 25c each.
- CHRYSANTHEMUMS, in variety, 25c to 50c. See list.
- CRAPE MYRTLE, 30c to 50c each.
- CORRINOCARPUS Lavigata, \$1 each.
- CARIX Japonica, hardy; from Japan; 25c each.
- CALLA Maculata, Spotted Calla Lily, 25c each.
 " Ethiopica, Calla Lily, 25c.
- CYPREPIDIUM Insigne, 75c each.
- CAMELLIA Japonica. See list.
- CALCEOLARIA, Ladies Satchel, 25c to 50c each.
 " Hybrids in variety; very showy, 50c.
 " Shrubby sorts; great bloomers, 30c.
- CINERARIA, double and single, in variety, 25c to 50c each.
- CYCLAMEN Persicum, 30c each.
- CRYPTOMARIA Japonica, Japanese Pine, 30c to 50c each.
- CRATAGUS Pyracanthus, 25c each.
- CUPRESSUS. See Conifers.
- CEDRUS. See Conifers.
- CAPE JASMINE. See Gardenia.
- CORDYLINE Indivisa, very ornamental, \$1.50 each.
- CLEMATES, Virgin's bower. One of the finest summer flowering climbers in cultivation.
- CLEMATES, Jackmanii, large purple in great demand, 75c.
 " In variety, 50c to \$1.
- CACTUS. See list.
- CALYCANTHUS, sweet-scented shrub, 50c each.
- CONVELARIA Majalis, lily of the Valley, 25c per dozen pips.
- CYRUS Revoluta, Screw Palm, \$2.50 to \$10 each.
- CRASSULA Coccinea, scarlet, 25c.
 " Perfoliata, white, 50c
 " Falcata; 25c to 50c each.
 " Mesembryanthoides, 25c
- CALADIUM Esculentum, 50c.
- CHINESE PRIMROSE, single and double, 20c to 30c each.
- CUPHEA Platycentra, Cigar Plant, 15c.
 " Zanpana, new, 20c each.
- COCOLOBA Platyclada, 25c each.
- CLIANTHUS Puneceus, 25c to 50c.
- CORONELLA Glauca, 25c to 50c.
 " Bi-color, 30c each.
 " Variegata, new, very desirable, 50c each.
- COLEUS Camelo, splendid sort, 30c.
 " best varieties, 15c each.
- COBEA Scandens, a fast and desirable climber, 25c each.
- DRACENA Terminalis, beautiful variety, \$1.50 to \$2.50.
 " Ferrea, large, \$2 each.
 " Drago, large, \$1 each.
 " Stricta, large, \$1 each.
 " Australis, 25c to 50c.
- DAPHNE Odora, very fragrant, 50c to \$1.
 " Variegata, 50c to 75c.
 " Rubra, 50c.
- DIOSMA Alba, 25c to 75c.
- DEUTZIA Scabra, 20c to 30c.
 " Crenata, double white, 25c
- DIRINGIA Variegata, 25c.
- DOLICHOS Lignosus, Australian Pea, 25c.
- DELPHINUM Formosum, fine large blue, 25c.
- DAHLIAS, premium varieties, 25c each, \$2.50 per dozen,

- DAHLIAS, *Imperialis*, large Mexican, nine feet high, very showy, 50c.
- DATURA *Knightii*, *Florabunda*, 50c.
- DAISIES of sorts, 50c per dozen, \$3 per 100.
- DLEYTRA *Spectabilis*, Bleeding Heart, 50c.
- EUPATORIUMS, of sorts, fine for bouquets, 25c to 50c.
- EUONYMUS *Japonica*, of sorts, 25c to 40c.
- EUCHARIS *Amazonica*, 75c.
- EUPHORBIA *Splendens*, 25c.
- EPIPHYLLUM *Truncatum*, *Minor*, 50c.
- ERYTHRINA *Crista Galli*, Coral plant, 50c.
- EVERLASTING PEA, purple, 25c.
 " " white, 25c.
 " " violet; all herbaceous climbers.
- ERICAS of sorts, 30c to 50c.
- ENGLISH PRIMROSES of sorts, 25c.
 " " double, white, very fine, new, 25c.
- ECHEVARIA *Metalica*, fine plants, 30c.
 " *Secunda Glauca*, 25c.
 " *Retusa*, 25c.
 " *Florabunda*, 25c.
 " *White Foliage*, very curious.
 " *Pulverrianum*, \$1.
 " 6 other varieties, 25c.
- ESCHALONIA, *Montevidienses*, white, flowering, hardy evergreen, 50c.
- ESCHALONIA, *Bi-color*, 35c.
 " *Rubra*, 35c.
 " *Rosea*, 35c.
- EUCALYPTUS *Globulus*, blue gums, transplanted in boxes, 100 in box, from six to twelve inches in height, \$1.50 to \$2 per box; large pot plants, 10c to 20c.
- EUCALYPTUS *Augustifolia*, one of the best red gums, eight to ten inches; transplanted in boxes of 100, \$2.50.
- EUCALYPTUS, *Viminalis*, similar to *Augustifolia*.
- ECREMOCARPUS *Scabra*, climber, 25c.
- FICUS *Macrophylla*, 25c to 75c.
- FERNS, see list.
- FUCHIAS, see list.
- FARFUGIUM *Variegatum*, 30c.
- FABIANA *Imbricata*, 25c.
- FITTONIA *Vesicolor*, 25c.
 " *Argyroneura*, 25c.
- FLORABUNDA, double white, 50c.
- FESTUCA, *Glauca*, 25c.
- FEVERFEW, double white, 25c.
 " *Golden leaf*, 10c each, 50c per dozen.
- FUNKIA *Variegata*, 25c.
- FORGET-ME-NOT, 15c.
- GYNERIUM *Argentum*, Pampas grass, 50c.
- GARDENIA *Florada*, Cape Jasmine, 50c to 75c.
- GARDENIA *Radicans*, 50c.
 " *Fortunii*, 50c to \$1.
- GESNERIA, of sorts, 25c.
- GLOXINEA, in variety, 50c.
- GLECHOMA *Hederaca*, ground ivy.
 " " *Variegata*, 15c.
- GAZENIA *Splendens*, very showy, 25c.
- GUAVA Apple, Strawberry, 50c.
 " " Cinnamon, 50c.
- GLADIOLUS, see Bulbs.
- GRAVELLIA *Robusta*, a handsome, fern-like tree, in great demand, 25c to 40c.
- GUM Trees, see *Eucalyptus*.
- GUARA *Lindleyana*, 20c.
- GYMNOSTACHIA, 25c.
- HABROTHAMNUS *Elegans*, 25c to 35c.
- HARDENBERGIA *Comptoniana*, 30c.
 " *Monophylla Alba*, large, 50c; small, 30c.
- HELIOTROPE, snow wreath, fine, new white, 25c to 35c.
- HELIOTROPIMUM *Peruvianum*.
 " *Magnifique*.
 " *Nigrans*, very dark.
 " *Alba*, white, 25c to 35c.
- HYDRANGIA *Hortensis*, 25c.
 " *Variegata*, 25c.

HOYA Carnosa, Wax Plant, 50c.

" Bella, \$1.

" Variegata, 50c.

HEDERA, see Ivy.

HOLLY Variegated, \$1.

HEMEROCALIS Alba, white day lily,
very fragrant, 50c.

HIBISCUS Grandiflora, very showy,
50c.

" Cooperii, a handsome
variegated plant, 50c.

" Aurea plena, double yel-
low, 50c to \$1.

" Marginata, 50c.

" Double red, 50c.

HONEYSUCKLE, of sorts, 25c.

HYACINTHUS, see Bulbs,

ISOLEPSIS Gracili, 15c.

IRIS Variegata, 25c.

" see Bulbs.

IMATOPHYLLUM Miniatum, \$1.

" Ligustrifolium.

" Hirsutum.

JASMINE, Cape, see Gardenia.

JASMINUM Catoloncum, double
white Jasmine, 50c.

" Officinalis, white Jas-
mine, 25c.

" Revolutum yellow, 25c
to 35c.

" Nepaulensis, 40c.

JUSTICA Carne Superba, 20c to 25c.

JUNIPERUS Patagonienses, weeping
Juniper, 50c each.

" Bermadiana, 50c to 75c.

" Hibernica, Irish, 40c.

" Japonica Variegata, 50c.

" Attica, Silver Juniper,
beautiful, rare, \$1.

JERUSALEM Cherry, 25c each.

KENILWORTH IVY, 15c each.

LANTANA ROSEA.

" Alba

" Morney, 25c.

LAURUS Timus, 15c to 50c.

" Cerasus, English Laurel,
35c.

" Grandiflora, fine new white
25c to 50c each.

LEPTOSPERMUM Scoparium, 50c.

LILAC Alba, White Lilac, 50c to \$1.

" Purpea, 25c to 50c.

" Persian, 50c.

LAVENDULA Spicata, 25c.

LIBOCEDRUS Decurrens, 50c.

LINARIA Cymbalaria, 25c.

LIGUSTRUM Japonica, Variegata,
30 to 40c.

" Vulgare, common
privet, 25c.

" Japonica Ovata, 50c.

LYCHNIS Grandiflora, 25c.

" Flora Pleno Alba, double
white, 50c.

LICHNIS Scarlet, 25c.

LIBONIA Florabunda, 25c to 40c.

LOPHERSPERMUM Scandens, 25c.

LOBELIA, 25c.

" of sorts, 15c.

LILIUM, see Lillies.

LAGERSTRÆMERIA Indica, Crape
Myrtle, 25c to 50c.

LYCOPODIUM Denticulatum, 15c.

" Densa, a fine new va-
riety, 25c.

LOTUS Jacobea, 25c.

" Bi-color, 30c.

LABURNUM, Golden China, 25c.

LOCUST, see Shade Trees.

LONICERAS, of sorts, 25c.

LAUREL, English, 25c to 50c.

" Portugal, 25c to 50c.

LEMON VERBENA 25c to 40c.

MAGNOLIA Grandiflora, the queen
of all evergreen ornamental flowering
trees; 25c to \$2.50.

MAGNOLIA Acuminata, 50c.

MELALEUCA Acuminata.

" Ericifolia.

" Decussata.

" Thymifolia, 30c to 50c.

METROSIDEROS Coccinea, 50c.

MAHONIA Aquifolia, 25c each.

MYRTUS Communus, Myrtle, 25c to
50c each.

" Variegata, 25c to 50c.

" Double flowering, 50c.

MARGUERITES, French Daisy, 15c
to 25c.

- MAURANDIA Barclayana, 25c each.
 " Alba, white, very fine, 30c each.
- MADEIRA Vine, 25c each.
- MYRSIPHYLUM Asparagoides, smilax, one of the prettiest climbing plants in cultivation, 15c to 30c each.
- MAHERNIA Odorata, 25c each.
- MANDEVILLEA Sauveolens, large, 40c.
- MESEMBRYANTHEMUMS—
 Scandens.
 Cordifolium Variegatum.
 Muricata.
 Heteropetulum.
 Caulescens.
 Spectabilis.
 Depressum, 25c each.
- All good for rockeries and basket work.
- MARANTAS of sorts. 50c to \$1.
- MULBERRY of sorts, 25c to 35c each
- NERIUM Rosea, 50c each.
 " Splendens, Oleander. 50c.
 " Double white, new, 75c.
- NORWAY Spruce, 50c each.
- NARCISSUS, see Bulbs.
- NERINE Fothergillii, a rare bulb, flower very gorgeous, 50c each.
- OLEA Verucosa, Olive, 25c each.
- ORANGES of sorts, grafted and seedlings, 50c to \$1.50 each.
- OXALIS, see bulbs.
- OZONTHAMNUS Diosmafolia, very rare and beautiful hardy evergreen, white flowering shrub, always in bloom, \$2.50 each.
- OLEANDERS, see Nerium.
- OTHONIA Crassifolia, 25c each.
- ODONTOGLOSSUM Grande, Baby Lily (Orchid), \$1.50.
- PAMPAS GRASS, 50c each.
- POPLAR, see Shade Trees.
- PELARGORIUMS, see list.
- PHLOXES, of sorts, 25c to 35c.
- PEPPER TREES, 20c to 30c each.
- PANSIES, of sorts, 50 to 75c per doz.
- PINES, see Coniferæ.
- PILEA Muscosa, Artillery fern, 25c.
 " Prostrata, 25c.
- PANDANUS Javanicus Variegata, fine for conservatory, \$1 to \$2.
- PORTUGAL LAUREL, fine evergreen, 25c to 50c.
- POLYANTHUS, in variety, 10c.
- PÆONIES, of sorts, fine double, 50c.
- PYRETHRUM Rosea, 25c.
 " Aurea, gold foliage, 15c
- PERISTROPHE Augustifolia Variegata, 25c.
- PEPPERMINT, Variegated, 25c.
- PAULOWNIA Imperialis, 50c to \$1.
- PANICUM Plicatum, 25c.
 " Variegatum, 25c.
- PHORMIUM, Tenax Variegata, 50c.
- PITTIOSPORUM Tenuifolia, one of the best, makes fine hedges; small plants 25c.
 PITTIOSPORUM. Transplanted in boxes, 8 to 12 inches; \$10 per 100.
- PITTIOSPORUM Nigricans, 25 to 40c.
 " Tobira, 50c.
 " Variegatum, 50 to 75c.
- PLUMBAGO Capensis, 25c.
- POINCEANA Galesii, 30c.
- POLYGALA Dalmaisin, 30c.
- PHILADELPHUS Coronarius Syringa, 25 to 35c.
 " Grandiflora, 40c.
- PYRUS Japonica, 50c.
 " " Alba, new white, 50c.
- PHASEOLUS CARACALLA, Snail flower, curious, very fragrant, \$1,
- PHOTINIA Arbutifolia, 40c.
 " Serrulata, 75c.
- POA Variegata, 25c.
- POTENTILLA, 25c.
- POMEGRANATE, dwarf, double, 30 to 50c.
 POMEGRANATE, large flowering, 25 to 50c.
- PASSIFLORA Princeps, scarlet, fine, \$1.00.
- PASSIFLORA Cerrulea, blue, 25c.
 " Kernesina, 25c.
 " Edulus, eatable, 50c.
 " White.
 " Large Pink.
 " Tasconia.

PASSIFLORA Tacsonia, Van Volxemii,
a beautiful scarlet, 25 to 40c.

PHYSIANTHUS Albus, 50c.

PINKS, an unrivaled collection of
60 varieties, 25c each, \$2.50 per doz.

PETUNIA Magnet, double-striped

“ Miss Lippincott, double,
fragrant.

“ Double, purple.

“ Alba, double white, 25c.

“ Single sorts in great vari-
ety, 20c.

PRIMULA Sinensis, Chinese Prim-
rose, 25c.

“ “ Alba Plena, dou-
ble white, 35c.

“ garden varieties, of sorts,
25c.

RHOMNEA Coultera, Mexican Poppy
50c.

RAPHIOLEPSIS Indica, 25 to 50c.

ROSES, see Roses.

RUSSELLIANA Juncea, 30c.

RHYNOSPHERMUM Jasminoides, 50c.

ROCHEA Falcata, 25c.

RICHARDIA Maculata, 30c.

RUTA Graveolens, Rue, medicinal,
25c.

RIBBON GRASS, 25c.

RIBES, Flowering Currant, 25c.

RUELLIA Maculata, 35c.

RANUNCULUS, of sorts, see Bulbs.

RHUBARB, see Esculents.

RASPBERRIES, see Fruit Tree List.

SCHINUS Molli, Pepper Tree, 15 to
20c.

SALIX Babylonica, Weeping Willow,
25 to 40c.

SALVIA Splendens, 25c.

SNOWBALL, 25 to 35c.

SOLLYA Heterophylla, 30c.

SPIREA Reevesii, 30c.

“ Prunifolia, 40c.

“ Crenata Flora Plena, fine
double white, 25c to 40c.

SMILAX, the most delicate and beau-
tiful of all climbing plants, 15 to 30c.

SYRINGA Alba, 25 to 30c.

“ Persica, 50c.

“ Rubra, 25 to 50c.

SANCHESIA Nobilis, 50c.

SIAPHELIA, Star Flower, 25c.

SEDUMS, Stonecrop, 20 varieties,
fine for rockeries, 15c.

STRELETZIA Regina, large, \$1.50.

SEMPERVIVUMS, 18 sorts, good for
rockeries, 25c.

SYCUS Revoluta, Screw Palm, \$2 to
\$5 each.

SWAINSONIA Gallegifolia, 25c.

“ Alba, 25c.

SOLANUM Jasminoides, 25c.

“ “ Variegatum,
25c.

“ Capsicastrum, 25c.

“ New sort, 30c.

STEPHANOTUS Florabunda, fine
greenhouse climber, 50c to \$1.50.

STEVIA Serrata, winter flowering,
large, 30c.

“ Summer bloomer, 25c.

SOPHGRA, 30c.

SAXFRAGA Tricolor, new 30c.

“ in variety, 25c.

STRAWBERRY Plants, see Fruit List,
TRADESCANTIA Reptens Variegata.

fine, new, 25c.

“ Zibriana, striped, 20c.

“ Virginica, all run-
ning or hanging
plants, 15c,

“ Discolor, green and
red leaved plant,
15c.

THYMUS, Folio Variegata, varie-
gated thyme, 25c.

THRYSACANTHUS Rutlians, 50c.

TRITOMA Uvaria, summer bloom-
ing, 25c.

“ Burchelli, winter bloom-
ing, 25c.

THUJA, see Coniferae.

TULIP, see Bulbs.

TUBEROSES, see Bulbs.

TULIP TREE, 50 to 75c.

TECOMA, Jasminoides, beautiful ever-
green climber, 50c.

“ Capenses, 25 to 50c.

TRACHELIUM Album, fine for bou-
quets, 50c.

- THUIOPSIS Variegata, 30c.
 VIOLA Cornuta, 50c.
 VIOLETS, double sweet-scented, 25c.
 " Russian, single, 25c.
 " Swanly white, double, 25c
 to \$2.50 per dozen.
 VALERIANA Alba, 35c.
 " Rubra, 25c.
 VERVENAS, fine collection, a number sweet-scented, \$1 per dozen.
 VINCA Aurea, Golden Periwinkle.
 " Marmalata Marbled Periwinkle.
 " Alba Periwinkle.
 " Elegantissima Periwinkle, 25c.
 VALLOTA Purpurea, fine crimson, lily-like blossoms, 50c.
 VERONICA Imperialis, fine new sort.
 " Variegata.
 " New sort, 25c.
 VIBURNUM Opulus, Snow Ball, 25c to 50c.
 " Tinus, Laurustinus, 25c to 50c.
 " New, large flower, 25c to 50c.
- WIGELIA Rosea, very pretty pink shrub, 30c.
 " Variegata, 30c.
 WISTARIA Sinensis, Chinese, fine creeper, 50c.
 " Alba, new white, 50c to \$1.
 WALLFLOWER, double and single 25c.
 WEEPING WILLOW, 50c.
 WHIN or Furze, Scotch, 25c.
 YUCCA Aloeicola Variegata, \$1.50 to \$5.
 " Tricolor, a rare and beautiful hardy plant, \$3.
 " Gloriosa, very effective, \$2.50
 " Filamentosa, 50c to \$1.
 " Recurvata, \$1.
 " Whippleii, 75c.
 " Pendula, fine for vases, 75c.
 YEW, English, 50c.
 " Irish, fine for cemetery, \$1 to \$3.
 YERBA BUENA, fine basket plant, 15c

EVERGREEN SHADE TREES.

- EUCALYPTUS Globulus, Blue Gum, transplanted in boxes, 6 to 8 inches, \$1.25 per 100; 8 to 10, \$1.50; 10 to 12, \$1.75.
 EUCALYPTUS, Red Gum, 8 to 12 inches, \$1.75; 10 to 12, \$2. In pots, 5 to 6 feet, per 10, \$1.50.
 CYPRESS, Monterey, transplanted in boxes, 6 to 8 inches, per 100, \$1.25; 8 to 10, \$1.50; 12 to 15, \$2; in ball, 3 to 4 feet, \$15; 4 to 5, \$20.
 CYPRESS, in ball, 2½ to 3 feet, per 100, \$12; 4 to 5 feet, \$15 per 100; 7 feet, 25c each.
- CYPRESS, Italian, in boxes, 6 to 8 inches, per 100, \$2.
 CYPRESS, Italian, in ball, 3 to 4 feet per 100, \$15; 4 to 5 feet, per 100, \$18.
 PINES, Monterey, in boxes, 6 to 8 inches, \$1.50 per 100.
 ACACIA Mollissima, 2½ to 3 feet, 20c each; 3 to 3½, 25c each.
 ACACIA Melanoxylon. The best to stand the wind 3½ to 4 feet, 20c; 4 to 4½ feet, 25c; 4½ to 5 feet, 30c.
 PEPPER TREE, Pot grown, 1½ to 2 feet, 15c; 2 to 3 feet, 20c; 3 to 4 feet, 25c.

FRUIT TREES.

The following are the best varieties, and first-class Trees.
Price 25c each or 5 for \$1.

EARLY APPLES.

- Red Astrachan.
- Early Harvest.
- Summer Pearmain.
- Gravenstein.
- William's Favorite.

AUTUMN APPLES.

- King of Tompkins County.
- Jonathan.

WINTER APPLES.

- Baldwin.
- Esopus Spitzenberg.
- White Winter Pearmain.
- Yellow Bellflower.
- King of Tompkins County.
- Rhode Island Greening.
- Yellow Newton Pippin.

AUTUMN PEARS.

- Duchesse D'Angoulene.
- Beurre Clairgeau.
- Flemish Beauty.
- Seckel.
- Louis Boone De Jersey.

WINTER PEARS.

- Easter Beurre.
- Winter Nellis.
- Vicar of Winkfield.

PLUMS.

- Bradshaw.
- Imperial Gage.
- Damson.
- Columbia.
- Quackenboss.
- Coe's Golden Drop.
- Green Gage.
- Jefferson.
- Washington.
- Yellow Egg.
- Kelsey Japan.

PRUNES.

- Bulgarian.
- Filenberg.
- Tragedy.

Silver.

- Hungarian.
- Robe de Sagent.
- French.

SUMMER PEARS.

- Bartlett.
- Clapps's Favorite.
- Dearborn's Seedling.
- Beurre Hardy.

PEACHES.

- Early Crawford.
- Early Alexander.
- Early Foster.
- Early Strawberry.
- Crawford's Late.
- Muir.
- Susquehanna.
- Hale's Early.
- Morris White.
- Heath Cling.
- Blood Cling.
- Lemon Cling.
- Orange Cling.

CHERRIES.

- Centennial.
- Black Tartarian.
- Great Bigereau.
- Yellow Spanish.
- Rockport Bigereau.
- Early Richmond.
- Governor Wood.
- Royal Ann.
- Black Republican.

APRICOTS.

- Royal.
- Hemskirk.
- Early Montgament.
- Blenheim.
- Moorpark.

NECTARINES.

- Boston.
- New White.

ALMONDS.

Languedoc (soft shell.)

IXL.

Ne Plus Ultra.

ALMONDS.

Paper Shell.

Drake's Seedling.

QUINCES.

Apple, large yellow, the best.

SMALL FRUITS.

CURRANT, Fay's Prolific, 75c per dozen; \$6 per 100.

" Cherry, largest and best bearer, 75c per dozen; \$6 per 100.

" White, 75c per dozen.

" Black Naples, 75c per dozen.

GOOSEBERRIES, Berkeley, \$1.50 per dozen.

" Champion, English varieties, \$1.50 per dozen.

RASPBERRIES, Cuthbert, 30c per dozen; \$2 per 100.

RASPBERRY, Black Cap, 75c per dozen.

BLACKBERRIES, Lawton, best, 30c per dozen; \$2 per 100.

BLACKBERRIES, Kittatinny, 30c per dozen; \$2 per 100.

STRAWBERRIES, best sorts, 25c per dozen; \$1 per 100.

GRAPES. All the best varieties at market rates.

DIOSPYRUS KAKI, Date Plum, or Japanese Persimmon, 40c each.

DECIDUOUS SHADE TREES.

Cork Elm.

Maple.

Popular.

Locust.

Walnut.

Tulip Tree.

Mulberry.

Weeping Willow.

Elm.

ESCULENT ROOTS.

Rhubarb.

Horseradish.

Asparagus (Giant.)

Asparagus (Colossal.)

Hop Roots

Artichoke (Globe.)

Cabbage Plants.

Cauliflower Plants.

Tomato Plants.

GARDEN TOOLS AND HARDWARE.

Gopher Traps.

Grass Hooks, English.

Hoes, assorted sizes.

Hoe, Scuffle or Push Hoe.

Knives, Pruning. Horn handle (imported).

Knives, Budding, extra quality.

Metal designs for cemetery.

Rake, Garden, steel.

Rake, Gardener's Lawn.

Raffie, for tying.

Saws, Pruning.

Shears, Pruning, 4 sizes.

Shears, Hedge, 2 sizes.

Shears, Sheep.

Scissors, for gathering flowers.

Scythe, Stones, flat and round, Scotch.

Shovels, long and short handles.

Spades, Ames' best.

Spades, long handle.

Syringes, brass, for greenhouse and garden.

Syringes, rubber, for the parlor.

Turf Edger.

Thermometers, assorted sizes.

Trowels, English, imported, 4 sizes.

Trowels, American.

Watering Pots.

Weeders, "Excelsior," the best.

SUNDRIES.

- | | |
|---|---|
| Bouquet Papers, plain, fancy border. | Labels for plants and trees in packages of 1000. |
| " " assorted Italian cartoon. | Mushroom Spawn. |
| Baskets, Chip, trimmed with grasses. | Plant Frames. |
| " " fancy shaped. | Pink Frames. |
| " Wicker, for cut flowers. | Stakes, painted, 3 to 6 feet. |
| " Wire, for cut flowers. | Pot Brackets, painted, one, two, three and four cup. |
| " Split Rattan, for cut flowers. | Silk Foil, something new, for silver wedding. |
| " Hanging, different sizes. | Tin Foil, common. |
| Fancy Flower Pots and Saucers. | Tin Crosses for cemetery. |
| " " Boxes and Saucers. | Tooth-picks, by the box. |
| " " Logs, chains to hang. | Wire Frames, such as Crosses, Stars, Wreaths, Anchors, Pillows, Broken Columns, Monuments, Clover Leaf, Crescents, Hearts, Marriage Bells and all the latest designs. |
| Frames made of black walnut for pot plants. | Whale Oil Soap, for insects on plants. |
| Grafting Wax in ¼, ½ and 1 lb. packages. | Mexican Phosphate for Lawns, best fertilizer. |
| Hyacinth Glasses, assorted colors. | Flower-Pot Covers. |
| Smith's Insect Exterminator Powder for insects on plants. | |
| Acme Insecticide for insects on plates. | |
| Bird Gravel, silver-washed. | |
| Egg Food, Common Sense. | |

TABLE

SHOWING THE NUMBER OF TREES TO AN ACRE AT A GIVEN DISTANCE.

Distances Apart	No of Plants.	Distances Apart	No. of Plants.	Distances Apart	No. of Plants.	Distances Apart	No. of Plants.
Feet		Feet.		Feet.		Feet.	
1 x 1	43,560	8 x 8	680	15 x 15	193	25 x 25	69
2 x 2	10,890	9 x 9	537	16 x 16	170	27 x 27	59
3 x 3	4,840	10 x 10	435	17 x 17	150	30 x 30	48
4 x 4	2,722	11 x 11	360	18 x 18	134	33 x 33	40
5 x 5	1,742	12 x 12	302	19 x 19	120	35 x 35	35
6 x 6	1,210	13 x 13	257	20 x 20	105	36 x 36	32
7 x 7	888	14 x 14	222	24 x 24	75	40 x 40	27

APPENDIX

The following is a list of the lands
 which have been surveyed and
 the names of the persons to whom
 they have been granted, together
 with the date of the grant, and
 the number of acres contained in
 each tract. The lands are
 described in the order in which
 they were surveyed, and the
 names of the persons to whom
 they were granted are given in
 full. The date of the grant is
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 given in full.

APPENDIX

A TABLE OF THE NUMBER OF TRACTS WHICH HAVE BEEN GRANTED

IN EACH YEAR FROM 1860 TO 1880

Year	Number of Tracts
1860	10
1861	12
1862	15
1863	18
1864	20
1865	22
1866	25
1867	28
1868	30
1869	32
1870	35
1871	38
1872	40
1873	42
1874	45
1875	48
1876	50
1877	52
1878	55
1879	58
1880	60

