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WATKINS'  
GENERAL RETAIL  
CATALOGUE  
of  
Seeds, Trees, and Plants.  

S. L. WATKINS,  
GRIZZLY FLATS, CALIFORNIA.
INTRODUCTION.
The list of berry plants we offer is the most complete list of any dealer in America. As our trade is not confined to any one State, we grow varieties that succeed anywhere, hence the great number offered. No matter where you live, we can safely deliver you plants, charges prepaid. Distance counts for nothing except time. We safely ship every year to every State in the Union large quantities of berry plants, also to many places in Canada. Our foreign trade is beginning to grow considerably. We are constantly on the lookout for choice new fruits, and are successful introducers of such. Persons having novelties of merit will find it to their interest to correspond with us.

OUR SHIPPING SEASON for berry plants commences in September and ends in May.

TERMS OF BUSINESS.
TERMS CASH, except by special agreement otherwise.

HOW TO REMIT.
In remitting, we suggest the use of express money-orders, which should be made payable at Placerville, Cal.; or postoffice money-orders payable at Placerville, Cal.; or by draft on New York or San Francisco. Registered letters to Grizzly Plats, Cal., our postoffice address.

GUARANTEE.
We recognize that upon our customers receiving satisfaction depends our future prosperity, therefore the greatest care and caution is used to have everything true to name, and to offer nothing but the finest, grown plants, trees, bulbs, seeds, etc. If in any case, through accident or mistake, a plant, tree, bulb or seed proves untrue to label, we cannot be responsible for any sum greater than the original cost of the plant, tree, seed or bulb, as the case may be; but if mistakes do occur, we will furnish new plants, seeds, trees, bulbs, etc., free of cost, to all persons, or return their money. We believe this to be a fair agreement to all concerned.

All plants by the dozen and hundred rates are delivered at the following prices, charges prepaid to any postoffice in the United States or Canada. If 1000 plants are warded by mail, $15.00 must be added extra, to prepay postage. Beginners had better leave the selection of varieties to us, as we will send only those which we believe would do well with them. Our extensive correspondence with berry-growers all over the country enables us to determine at once the varieties that are best for a given section of country.

STRAWBERRIES.
The strawberry we consider the most profitable fruit that can be grown, provided the right varieties for the locality are chosen. They are found in almost all town and village throughout the United States where the local market is not one-half supplied. This is a great opening for thousands of persons to embark in a very profitable business. Also, the city markets are always demanding large first-class fruit, especially in the berry line. In marketing, always use nice, clean boxes, and always give big measure; never market poor, inferior fruit; all such should be thrown away. But if you grow good, desirable varieties, you will have little inferior fruit to throw out. Strawberries can be successfully grown in any soil where a crop of corn or potatoes can be produced. When preparing land for strawberries, plow deep, but before plowing give the ground a good covering of stable manure, which is the very best fertilizer known for berries; afterwards, harrow up very fine. Rows for field culture may be laid out 5 feet apart, and the plants set in rows 1 foot apart; for garden culture, rows can be 3 feet apart, and plants set 1 foot apart in the rows. Many varieties of strawberries are destitute of stamens. These are termed pistillate sorts, or imperfect flowering kinds. They are generally marvelous yielders, when properly fertilized. What we mean by this, is that they should be set close to a row of staminate sort, or perfect flowering kind. All staminate (S) and pistillate (P) are marked, all marked (S) are staminate. Strawberry plants can be safely set from September 1st until May 1st; of course, in cold localities, late spring planting is preferable.

PART No. 1.

Standard Varieties of Strawberries.

All this list we highly recommend as they have been tested for many years. We have a heavy stock of all these sorts.

Charges prepaid on all strawberry plants by the dozen and hundred rates.

THE MEXICAN OR ARIZONA (S) A berry of surprising merit, wondrous beauty and luxuriant plant growth, is the Mexican or Arizona. It is half a mile in diameter, and larger; a rich red color, with clean, healthy foliage of a dark green color. Young plants of this variety need no planting, but take hold and grow rapidly. Generally these young plants perfect a heavy crop the first season. A strange peculiarity of the Mexican strawberry is that it will yield fruit for five or six years without renewing, as against three or four crops with other varieties. It gives heavy crops all through the season; in warm climates it yields two crops a season. The berries are larger than those of any other variety cultivated at the present day. I have all the new and old varieties, embracing about three hundred kinds, and I have a good chance to determine their value. The Marshall, Monarch of the West, Great American, Sharpless, Enormous, Australian Crimson, La France, Glen Mary, Brandywine, Rival Hudson, Enhance, etc., are among the larger berries, but the Mexican is better than any of these because it will average two quarts of fruit to the plant, and in exceptional cases three, and even four quarts. The plant itself is almost fruitless, attaining a height of about sixteen inches, with dense, spreading dark green leaves, which greatly protect the blossoms from frost. Last year the cold weather destroyed nine-tenths of the flowers.
on other plants, but the Mexican pulled through in splendid shape and gave an enormous crop. The fruit is slightly conical in shape, but very firm, with a fine luster. In flavor it is rich, sweet, aromatic and altogether delicious. It is a wonderful market berry, Grades 25c per 12; $1.50 per 100; $6.50 per 1000. (Owing to plants being sold off so rapidly the price has advanced a little on these berries.)

THE DOLLAR STRAWBERRY (S). This variety is celebrated as being the best shipping variety in the world; the fruit is so firm, and stands travel so well, that it at- \n
tains very high prices even before it is opened up for market. More money is realized from this sort in California as a shipping berry, than from any other sort; in season it is quite early. The fruit is very large, generally conical in shape; and of a lustrous glistening red in color, while the flavor is deliciously spicy and aromatic; the plant is a beautiful, luxuriant grower, equaling, if not excelling, the famous old Sharpless in this respect; the leaves are very large, the plant grows in autumn, and quite free from rust, or other leaf diseases. A remarkable peculiarity of the Dollar berry is that the young runners give a heavy crop of fruit long before the main crop is more being rooted; the spring crop is generally enormous, all berries averaging large. In market, the Dollar berry sells at an advance price of 25c per doz., per unit, over other varieties, and has a most magnificent appearance. In many sections of California, there are large areas set to the Dollar berry, and it is true that there are many superb plants here, the Dollar berry leads all others; being early is quite a valuable feature, as the early fruit always commands the higher price.

Price 25 cts. per 12; $1.00 per 100; $8.00 per 1000.

SAUNDERS (S). The Saunders strawberry, we believe, is the nearest approach to a frost-proof strawberry of anything that we have ever tested; we have fruited it now five years and we always have a good crop. In localities where the strawberry is quite often killed by frost, this variety would undoubtedly stand a trial of this variety. The fruit is a polished red, very glowing and intense in color and very large in size, while the flavor is of a very rich, spicy, and sweet nature, but it is not too firm.

Price 25c per 12; $1.00 per 100; $8.00 per 1000.

HOOD RIVER (S). (Clark's Seedling.) A most marvelous variety in all respects. It is of large size, as round as a marble, and of a deep, brilliant and perfect shape; a model that no artist could produce who had never seen this berry, and yet one that will be recognized at once as an ideal representative of the most beautiful of all fruits, the strawberry." Price 35 cents per 12; $1.00 per hundred; $6.50 per 1000.

AUSTRALIAN CRIMSON. One of the best for a hot climate. It is very extensively grown in Los Angeles county, Cal., and in many other places in the United States. The man\n
ning season in Southern California commences in March, and continues through April, May, June and July; large crops are also produced in January. It is not too much rainy weather. Being so very early, and so extremely late, it is one of the most productive varieties to grow in a warm climate. In most respects, it is a marvelous fruit, the fruit averages very large, is of a brilliant crimson color, and most deliciously flavored.

The demand for plants of this variety is very great.

Per doz., 25 cents; 75 cents per 100; $7.50 per 1000.

THE HAVERLAND (P). The following description is not quite accurate. Season, medium to late. This season the Mexi\n
"n went far ahead of it but nevertheless the Haverland is a wonder- ful grower."

HAVERLAND (P). We consider this as near perfection as has ever yet been attained in a strawberry. A great, rank, vigorous grower, the fruit is very large and immense. We have tested it several times and have never been disappointed; it is a lustrous, sparkling red. The berries are long and conical in shape, and just lie in piles around the plant. The flavor is simply marvelous; the fruits are very rich, sweet, and aromatic, and possess a delightful aroma. The Haverland excels all others that we have yet tested for profit, yielding two heavy crops in a season, the crop in September being very large; the most productive in all of our great collection; a piquant variety and can be fertilized by Iowa Beauty, Woolverton, or Mexican.

Price 1.00 per 12; $1.00 per 100; $5.00 per 1000.

BRANDYWINE. "This is one of the most valuable ever sent out. It has not a single deficiency. The plant is luxu\n
"riant grower, healthy and hardy, and very productive. Blossom perfect. Fruit very large, of good form, bright red all over, and with a flavor that is a joy to the palate. It succeeds on any soil."—Crawford.

This is a marvelous variety in the warmer sections of California. These plants are being valued for by the hundreds of thousands.

Price 25 cents per 12; $1.00 per 100; $8.00 per 1000.

MEEK'S EARLY (S). This is acknowledged to be one of the best annual varieties yet introduced. We welcome such, for there is an abundant room for very early varieties of strawberries. As early or earlier than Hoffman's or Michel's Early; of large size and productive. Meek's Early is said to produce all these good properties and to be almost as fine a plant as the best. The plant is a luxu-

riant grower, with clean, bright foliage. It is of good size, larger than Hoffman or Michel's Early, firm and good in quality. We recommend all to those seeking an extra early vari-

ety."

Per doz., 25c; $1 per 100; $5 per 1000.

PARKER EARLE (S.) This ranks next to the Haverland. It is a vigorous, powerful grower and forms immense stol

ults. In productiveness it ranks high among other varieties. An exhaus-

tive berry-grower in Delaware speaks thus of the Marshall: "We have never seen any berry exceeding them in appearance; superb color, fine size and shape, and perfect flesh; a model that no artist could produce who had never seen this berry, and yet one that will be recognized at once as an ideal representative of the most beautiful of all fruits, the strawberry." Price 35 cents per 12; $1.00 per hundred; $6.50 per 1000.

GANDY (S). We cannot begin to give this too much praise—the plant is faultless; a large, vigorous, healthy grower just pro-

ductive enough to perfect its whole load of fruit; the berries are of a deep, glistening
red; the flavor strongly suggestive of straw-
berries and peaches; in size it ranks with the
largest, and we believe this sort will per-
fervently bear large berries than by any other
sort known at the present day. This is a most
superb canning variety. We are going to
plant it largely, as we know all the plants
will fruit.
Per dozen, 25c; 75c per 100; $1.50 per 1000.

TRIOMPHE DE GAND. Grown extensively
in the Sacramento Valley, and shipped by the
outstanding grower, with dark green foliage;
most prolific in pollen; no perfect flowering
variety has produced so many score points of
merit than this; is a general pur-
pose berry; the berries largest size, very
firm, bright crimson, attractive and salable;
its size, beauty and firmness will recommend
it to public favor, and command a high price
in a fancy market.
Per dozen, 25c; 75c per 100; $1.75 per 1000.

GROWER'S CATALOGUE.
with a firmness without equal among berries of its large size. Calyx large and showy, and a strong stamineate of productive habit and of robust, healthy growth. In foliage and growth of plants this variety strongly reminds us of Greenville (it would take a decided expert to tell them apart when growing): its fruit also resembles the Greenville in size and in quantity, though more regular and less pointed, with a season a full week earlier—about one picking ahead of Dayton. Nearer perfection, says Mr. Kerr, than any other variety in existence. "Ideal," says the pomologist, and he has hit the mark exactly.

Per dozen, 30c; $1.00 per 100; $5.00 per 1000.

**BUBACH** (P.) "This is one of the very best in every respect. No unfavorable reports from anywhere. The foliage is very large, dark green and healthy; growth strong and vigorous, producing plants plentifully. The fruit plants are uniform, large size, fine form, bright crimson color, ripening all over at once, of excellent quality; begins to ripen with the Crescent, but continues a long time in bearing; very productive, holds its size well to the last picking. No one should fail to plant some of the Bubach."

Per dozen, 25c; 75c per 100; $1.75 per 1000.

**PRINCESS** (P). A berry of great and extraordinary merit, a marvellous fruiter, and has been known to yield 43,500 quarts to the acre; fruit very large, of a brilliant red, with a lustre like glass, and has prominent, showy, golden seeds; the flavor is rich and quite sweet; for garden or field culture this will surely please.

Per dozen, 25c; 75c per 100; $1.50 per 1000.

**ORIOLE** (P.) "No. 16." This is an extra early berry, ripening only two or three days behind Michel's Early, which leads the strawberry season. It is also a large berry, the average measurement being an inch and a quarter across the berry and four inches around; no immense, overgrown, specimens, and almost no small or unshapely berries among them. It is also a very productive variety, second to none in yield, and this, together with its beautiful, deep red color, with bright-colored seeds standing well out on the surface, and its firm, dark red flesh, with a rich, aromatic flavor distinctly its own, makes this the most desirable berry for its money value in market that we have ever seen. Blossom imperfect, with some stamens partially developed. It has not fruited apart from stamineate sorts, but its great productive season indicates to us that it is imperfect, as it is among this class that all the heavy bearers are found. No one at all interested in strawberries can afford to let this variety go another year untried.

Prof. Heiges, U. S. Pomologist, describes it thus: "No. 16. Not entirely stamineate. It might produce a perfect crop of fruit, but would advise planting some strong stamineate variety with it. Very productive, and shows very little injury from the weevil; prolongs its season of blooming and fruiting, a trait rendering it desirable for garden culture. Size large, flavor very similar to the Hautboy variety."

Per dozen, 25c; $1.00 per 100; $5.00 per 1000.

**ENORMOUS**. "This is my No. 152 which I grew from seed of Crescent. It is pistillate
and blooms so late that frost has not at any time injured its blossoms. It has borne seven crops in succession without any failure. I now name it as above for its great size and extreme productivity. The berries are large and beautiful deep scarlet berry, unsurpassed in quality. It possesses all the noble qualities of the EDGAR QUEEN, and is ten days later in ripening than that variety. It is a very vigorous grower, leaves of a dark, glossy, green color. All in all is the most beautiful plant and valuable berry that I have ever known. It is the nearest approach to the ideal berry.—Originator.

Per dozen, 25c: $1.00 per 100; $8.00 per 1000.

CHILEAN. (S.) A strawberry of giant proportion. It is entirely different from all other varieties in both foliage and fruit. The foliage is of a bluish green color, and the leaf stalks are vigorous and firm. The fruit stalks stand higher than the leaves. The fruit is quite a novelty in itself, being of a wonderful white, slightly shaded a golden yellowish red with very prominent red seeds. On some berries there is a faint flush of crimson on one side. The fruit attains a very large size, weighing being a large fruit of good-sized hen's egg. It is very rich sugar and sweet in flavor, but tastes nothing like a strawberry. However, it is highly delicious in a flavor, and should be grown in every garden.

Each 25c.

THE LA FRANCE. One of the finest types of white strawberry that we have ever tried is the La France. The foliage of this plant is remarkable for its vivid dark green color and its healthfulness, being entirely free from rust or other diseases. It is a rapid and beautiful grower and an abundant plant maker. The La France forms a very large plant. The fruit is a brilliant yellowish white, faintly touched on one side with light red, while the flavor is superb. The berries are larger than the Marshall, and produce in dry seasons a fruit of the greatest excellence. The berries are also well sustained above the foliage, being very rigid and stout; thus very few berries are dropped. The La France is in perfect flowering sort.

Each 25c.

LINDA. Large, dark red, great shipper, and keeper.

Per dozen, 25c; $1 per 100; $8 per 1000.

SCARLET QUEEN. "The handsomest, brightest colored, richest flavored and best early strawberry yet introduced. A very early seedling from Noble, fertilized by King of the Earlys, and coming in between these two fine early sorts. A large, long, well formed and of handsome conical shape. Color a bright vermilion scarlet, which is retained after picking and transit. Flesh firm, very juicy, and of a rich, tender, highly flavored, and Habbard strong, with bold bright green and nearly smooth foliage. A very prolific and amply vigorous variety, and a splendid early table and market berry. Certificate of merit at the 19th Annual Royal Horticultural Society Fruit Conference, July 8th, 1891."

Per box, $1.00 per 100; $8 per 1000.

WILSON'S ALBANY. 25c per doz; 75c per 100, $1 per 1000.

LADY THOMPSON. An enormous sized early season grower, shipper, dark brilliant red color and a sweet honeyed flavor.

Per dozen, 25c; $1 per 100; $1.50 per 1000.

COLUMBIA. A rapid, beautiful grower, berry large size, a deep glowing red, flavor superb; as early as Mitchell's Early, very firm, extremely productive; gives two crops a season in warm climates.

25c per doz; $1 per 100; $8 per 1000.

BISMARK. The descriptor bore in given is by the originator. "The Bismark is a seedling of the Bubach No. 5, fertilized by Van Dickman; the plant resembles Bubach No. 5 in every way: it is more the same old strain, and with the same ironclad foliage. The berries are produced in abundance, outyielding Bubach No. 5 in size and quality. It is a grand ever bearer; surpasses conical, never coxcomb, and is the heaviest berry I ever handled; color bright scarlet, no green tips, very firm, good flavor, and shipper; season medium to very late. The Bismark is the equal of the delicious Mary, Timbrall, H. W. Bucher, Holland, Sharpless and Gausty.

Per dozen, 25c: $1.25 per 100.

BRUNETTE. New, dark red color, and good size; noted for its rich and sweet flavor. 25c per doz.

WM. BELT. (S.) A rich, glossy red color; splendid quality, conical in shape, and quite firm; twelve berries to the quart; if you want to surprise your friends and yourself, too, try this berry.

Per dozen. 25c; $1 per 100.

BARTON'S ECLIPSE. When I say this is another Haverland, only earlier and firmer, then that famous variety has said a great deal, but no more than the truth. In shape it closely resembles the Haverland; it is ten days earlier, equally as large and productive, and, in every way, a more perfect color. The vigor and vitality of the plant is wonderful. When the freeze came, on March 26th, my Barton field was in heavy bloom and berry. The next day it was black as ink; every bloom and berry gone, and even the plants apparently dead. I would have taken money for the crop, plants thrown in. Great was the surprise, however, when they rapidly put out anew, bloomed again and bore a heavy crop of excellent berries, ripening ever then with the earliest. Triumphing over heat and cold, wet and drouth it is undoubtedly the general purpose berry of the future. With it a grower can defy drouth. It must supplant all others as a leading market berry.—Blacknell.

25c per doz; $1 per 100; $5 per 1000.

LATEST OF ALL. "A grand seedling from British Queen, crossed with Helena Gloede. The fruit is clean, round, one, considering the size of either parent, and is certainly the finest flavored and largest late strawberry yet introduced. Very firm, very luscious, yet luscious, and quite equal to the Queen high. Notable French Queen, but ripening several days after it. Certificate of Merit, Royal Horticultural Society Fruit Conference, July, 1891."

50 cents per dozen.

CARDINAL. "A very distinct new early variety, with large and well-shaped broadly conical fruit of exquisite flavor, probably the sweetest strawberry yet raised. Flesh firm and creamy white in color, scarlet externally. Plant very vigorous and quite hardy. Very fertile and continuous in bearing. The leaf stalk hairy and the foliage strong. A very useful fruit on account of its high quality combined with very large size and early maturity." 50c per doz.

MORERE. This well-known French variety is par excellence the strawberry grown in France for market, forcing and general cultiva-

50c per doz.

GUNTON PARK. "Plant very prolific; fruit extra large and one of the handsomest yet raised. In shape it varies from conical to broadly conical, dark crimson scarlet, and of a pleasant brisk flavor; the flesh is firm, richly colored, berry large and of very fine quality. A fine early kind very useful for forcing and bearing in long succession. First Class Certificate from Royal Horticultural Society, July
PART NO. 2.

The strawberries in this list are very good for some locations. We only grow these in small quantities as the demand is not very great.

LADY RUSK (P.) Splendid for a hot climate, bearing an abundant yield, berries large, sweet and fine; good shippers.
Per dozen, 25c; 75c per 100; $5 per 1000.

MIDDLEFIELD (S.) A fancy berry for a fancy market.
Per dozen, 25c; 75c per 100; 85 per 1000.

LEADER (S.) A very large, early berry; quite productive; of an intense, glistening red, plants vigorous, healthy growth; though a shy bearer, is in great demand wherever its delicious table qualities are known; a great addition to garden novelties, and should be in every thorough gardener.
Per dozen, 81; $8 per 100.

SWINDLE (S.) This is, indeed, a swindle with a very poor and inferior type of berry; we hear good reports from the East, however, regarding it.
Per dozen, 25 cents; 75 cents per 100.

F. P. ROE (S.) We do not believe this will ever amount to much in this country.
Per dozen, 25 cents; 75 cents per 100.

CRESCENT SEEDLING (P.) Noted for its wonderful productiveness, and large colored berries; succeeds on all soils and in all climates.
Per dozen, 25c; 75c per 100; $5 per 1000.

DOWNER’S PROLIFIC (S.) A very productive, large, light colored berries.
Per dozen, 25c; 75c per 100.

GENERAL SHERMAN (S.) Fruit quite large and showy, and of excellent quality.
25c per dozen; $1 per 100.

GYPSY (S.) Resembles the old Wilson, but of a brighter color; very productive.
25c per dozen, 75c per 100.

GREAT ONTARIO (S.) An old variety, but very fine; of the Sharpless type.
25c per dozen; 75c per 100.

GLENDALE (S.) A very old sort; quite acid; a splendid canning variety.
25c per dozen; 75c per 100.

GRIZZLY (S.) Similar to Cumberland Triomphe.
25 cents per dozen; 75 cents per 100.

HAYNE’S PROLIFIC (P.) Very similar to Charles Downings, but a larger and better colored berry.
25c per dozen; 75c per 100.

MINOR’S PROLIFIC (S.) Similar to the Charles Downings, but a larger and better colored berry.
25c per dozen; 75c per 100.

DEW (S.) Very similar to the Sharpless; a most wonderful keeper, and one of the very best shippers known. Brandt says: ‘The dew bears the most fame as the remotest names of all fruits, is the Dew Strawberry. For size, sweetness, excellence of flavor and abundance of growth, it is not surpassed in the world, and its culture has been so general everywhere. It is not uncommon to have a yield of 6000 to 8000 quarts per acre. It is easy for any person possessing a farm or a garden, or even a spare corner of his yard in the city, to raise his own supply of Dew Strawberries, with a surplus for the market. 25c per dozen; 75c per 100; $5 per 1000.

FREMONT. Seedling of Brandt; perfect blossom, dark crimson, conical, good-sized fruits, quite productive.
25 cents per dozen.

TUBBS. ‘This is a new variety from Anna, Arundel county, Md., and does not have to go abroad to find popularity, as in its native county where it is well and favorably known the person having out the most Tubbs is considered the most fortunate grower. This berry is highly honored by having conferred upon it the honor of its designation and introduction. Mr. John Tubbs is a highly estimable and honest old gentleman, whose kindly face will long be remembered by the writer who had the rare good fortune of enjoying his hospitality for a few brief hours the past June, and sampling his famous Tubbs berries where he was picking 1000 quarts per acre at a single picking, on rather thin, light soil. The berry is very productive of fruit above medium size, good form and color. Its carrying qualities, Mr. Tubbs says, are good. Time of ripening medium early. —Aller.
25 cents per dozen; $2.50 per 100.

FOUNTAIN. We have only tried this sort one season, and cannot therefore tell its behavior. N. M. Brandt, the introducer, states: ‘Introduction by us and has become famous for its great size and beauty. It is really the largest and handsomest sort grown, the flavor being perfectly full of the deepest rich ruby color, with a sparkling lustre like glass. Ripes perfectly to the core and is exceedingly sweet and of a most luxurious flavor. This should satisfy the most exacting. No plant can be healthier or a better grower. The fruit is very large and beautiful and produced in the greatest abundance.
25 cents per dozen; $2 per 100.

CRAWFORD. ‘In color, shape and size this is perhaps the most beautiful berry that ever grew. I am offering it for 100. Their culture being perfect in his hospital, To do its best, they say it must have high culture, but pray what variety must not? A superb garden berry.—
Blacknell. Per 12, 25 cents; per 100, 75 cents.

BANQUET. "A cross of the wild field strawberry with one of the best of the large cutting varieties. It combines size and productivity with the delicious flavor of the wild strawberry."—Introducer.

This does very poorly with us and we cannot recommend it as a good variety.

Per dozen, 75 cents; $2 per 100.

ARROW. A berry similar to Warfield, but the plant is of the Gandy type; the fruit will remain on the plant for several days after ripening. Very productive, large, red, pale red, and rich in color. Should be fertilized by Woolverton.

Per dozen, 75 cents; $5 per 100.

MONAROH OF THE WEST (S). One of the leading market berries on the Pacific coast. This berry resembles as large as a hen's egg; pale red in color, and of most excellent flavor; very productive. 30c per dozen; 7c per 100; $6 per 1000.

MAY KING (S). A seedling of the Crescent, which it strongly resembles both in fruit endurance and extraordinary productivity; berry of the size and form of its parent, of a deep red color, with added firmness and earlier than its parent in ripening, which alone makes it extremely valuable. It differs in having a perfect blossom, and is regarded as one of the best standard early sorts." 25 cents per dozen; $1 per 100.

BRADLEY (S). Vigorous grower; fruit large to very large; in form almost perfection; color bright red, high flavor, very firm, enormously productive. $1.50 per dozen.

BLACK (S). Fruit very large, nearly black; a great bearer. 35 cents per dozen; $1.25 per 100.

BEAUTY (S). Grows splendidly with us, a medium early, very productive sort, rich, dark red color, fine, large size.

Per dozen, 30 cents; $1 per 100; $7 per 1000.

IMPROVED WILSON (S). This is so much improved that it is not the Wilson at all, but nevertheless we consider it a variety of great promise.

Per dozen, 25c; 75c per 100; $3.50 per 1000.

ANNE (S). Originated in Canada, six years ago by Mr. John F. Beaver of Montgomery county, O. Mr. Beaver is the most successful amateur grower that I know of. During the last twenty years he has tested nearly all the leading varieties, and he thinks this is not surpassed in real merit. He has carried it to a large number of horticultural meetings, and it always created a sensation. One of the commercial growers near Dayton, when he first saw this in bearing on the originator's place, said: 'I must have some of those plants; I have to mortgage the farm to pay for them.' The same man wrote me afterwards that he believed it to be the best yet introduced. It comes out near perfection in size, form, color, and quality that when shown at exhibitions, a large number of specimens are carried away for seed, or to be shown by those who could not afford it. At the strawberry meeting in this county I had it and the Prince of Berries, the standard of excellence, handed around for all to taste, and many declared that Annie Laurie to be the better."—Crawford.

25c per dozen; 75c per 100; $3 per 1000.

ADVOCATE (S). Originated in Canada; large size, regular, firm, quality fine, great yielder.

25 cents per dozen; $1 per 100.

SPLENDID. 'Fruit smooth, bright red color. It is firm, a good keeper and has a perfect blossom. It begins to ripen with second picking of Crescent and holds out large berries much later; makes plants freely, plant is healthy and from resistant to blight.' Splendid bred and developed 8000 dollars when Crescent and Warfield only produced from three to five thousand quarts per acre. Truth is "stronger than fiction." In sending out the Splendid, I simply describe them. When it originates, believing when known its merit will win, I do not indulge in a multitude of superlatives, such as "most remarkable," "most promising," "largest," "handsomest," "un-
surpassed," etc., but state exact facts ascertained from count, measurement, observation and comparison, so that those who have not known it may get a fair idea of its characteristics.—Originator.

25 cents per dozen; $1 per 100; $4 per 1000.

SPARTA. A seedling of the Warfield, and a splendid fertilizer for that sort; can be shipped with

Per dozen; $1; $8 per 100.

SMELTZER EARLY. "Very vigorous and healthy plants. Yielded an abundance of very fine

fruit similar to Smith's, both in habit of plants and fruit; begins to ripen its fruit early and continues in bearing a long time."—(From 1894 Bulletin of Delaware Agricultural Experiment Station.) We had this in fruit on both our farms, and in each case we picked our first ripe berries from this variety. For so early a berry it is quite productive, and evidently ahead of Michel's Early in both size and productiveness. In quality and appearance it resembles Michel's. Best of all for an extra early strawberry, especially adapted for the South and California.—Slaymaker & Son.

Per dozen, 25 cents; $1 per 100; $4 per 1000.

ERIE. Large, conical in shape, scarlet color; will dry up before it will decay. 75 cents per dozen.

LANAH. A splendid berry from the Southern States.

Per dozen, 25c; 75c per 100; $3.50 per 1000.

ERITICA. Noted for its high quality, and is therefore very fine for home use.

Per 100, 50 cents.

JERSEY QUEEN. A most superb berry in many ways; bearing very large and beautiful, and possessing a very high flavor.

25 cents per dozen; 75 cents per 100.

KENTUCKY (S). A very superior late varia-

tion, which holds its fruit well up from the soil.

25c per dozen; $1 per 100; $4.50 per 1000.

BISEL. The Bisel is a seedling of the Wilso

nian's happened in 1837. Blossoms are pistil-

ate. Plants healthy, vigorous grower and abundant plant-makers. They have long, fine-
matted roots, which enable them to stand severe droughts. The fruit is very large, luscious, and firm. Color, a deep, glossy red with double calyx. Very productive; season same as the Crescent, but continues to fruit later and is uniform in size and shape. The fruit is held from the ground by large fruit trusses, but it is protected from frost by its large foliage. One of the best plant makers. Harvested in great abundance and set out in all the regions where it is grown. Large, roundish, free from frost to the largest size. Can be set 31/2 to 4 feet in the row and make a solid row sufficient to pro-

duce a full crop. —Originator.

25c per dozen; 75c per 100; $5.00 per 1000.

BDBLIN. Of the Bubach class of berries; very large; dark red; as good a shipper as the 

old Wilson.

Per dozen, 25c; 75c per 100; $3 per 1000.

BIG BOB (F). Fruit large size and of ex-

cellent quality.

25c per dozen; 75c per 100; $4 per 1000.

LONGFELLOW (S). Grows well with us; said to possess great points of excellence in many sections; is highly prized in the Santa Cruz regions.

Per dozen, 25 cents; 75 cents per 100.

BIDWELL (S). A very choice sort, and quite extensively grown in California; very large size, delicious flavor, and very early.

Per dozen, 25c; 75c per 100; $3.75 per 1000.

EDGAR QUEEN (S). One of the prize-

takers at the World's Exposition, and described as follows: "This is the result of a lifetime devoted to improving the straw-

berry; the originator selected this as the very best from a lot of 5000, grown in his

field from seed. It is unrivalled as a plant-pro-

ducer and equals Crescent in productiveness. Probably one of the most beautiful berries ever raised. The originator selected berries over two and one-half inches in diameter, six-

teen of which filled a quart basket, and weighed one pound.

Per dozen, 30 cents; $1 per 100.

DE WITT (S). A very late sort.

Per dozen, 25 cents; 75 cents per 100.

PRIZE. Great bearer and great runner; healthy, firm, ripens evenly.

25c per dozen; $1 per 100.

RIO. This being the earliest and most beau-

tiful, has been well tried now North and South, and seems to succeed everywhere we have heard of it producing and ripens up evenly. Once in a while the larger ones are fan-shaped, with a beautiful green double calyx. It is the best shipper of all the berries, is scarlet color, with a flavor in favor-

ite with all. It not only has color, but qual-

ity.—Thompson's Sons.

25c per dozen; $1.25 per 100.

BRENTON (S). For five or six years ago a single plant of this variety was sent me for trial by the originator, Mr. M. T. Thompson (Cleveland Nursery Co.). I was so well pleased with it that I purchased a large stock of the same. In the spring of '93 I sent it out on trial as "51." Several hundred persons bought one dozen per year from me the first year. The BELLE gives promise of being a great variety, very productive, and the berries are of good size and deliciously flavored.

25c per dozen; $1.25 per 100.

PRINCE (S). Originated in Illinois by J. R. A. This is the originator's description: "It is a tall, luxuriant grower, with large, dark green foliage, free from rust or disease; very prolific, enduring extremes of heat or cold. It has been tested on different soils for six years; it will grow on any soil the same as the Crescent. The blossom is large and perfect and always sets perfect fruit. The fruit is produced in great abundance on tall stout stems, which stand up from six to eight inches the entire season, holding its load of berries from the ground; there are no ber-

ries that have been injured by frost or cold. The fruit is the best chance to mature, and ripens all over at once, leaving no green spots or white tips. It is beautiful in color, being a dark red which alone will make it an ornament for any table. They are so beautiful in appearance that the moment they are put on the market they will sell at the highest price. The flavor is delicious and very sweet, being one of the sweetest of strawberries, it can be called the honey strawberry; while its fine, delicate flavor is a delight to those who love this fruit. It is highly prized in the Santa Cruz regions, because it makes one of the most delicious of berries."—Originator. Not fruit here.

25c per dozen; $1.25 per 100.

PARRY (S). This is quite extensively grown in the Santa Cruz regions, where it is a great favorite; also in many other sections of the State. The fruit is very large, of a roundish, conical shape, quite highly colored, and very deliciously flavored. It is very pro-

ductive and a most excellent shipper.

25c per dozen; $1.25 per 100.

PEARL (S). A very choice sort gives two heavy crops a season here; very fine for rich valley soils.

25c per dozen; $1.25 per 100.

PRINCE OF BERRIES (S). This is cele-

brated for its high flavor and brilliant color.

25c per dozen; $1.25 per 100.

GANDY BELLE (S). A variety of great ex-

cellence.

25c per dozen; $1.25 per 100.

GILLESPIE. A strawberry that does not succeed in all localities. These berries are quite large, very luscious, grown in a bed of that wild strawberry, makes it one of the most delicious of berries. "—Originator. Not fruit here.
men fruits having measured three inches in diameter (not circumference). It is not an extra productive variety, but it is a rampant, vigorous grower.

25c. per 12; $1.25 per 100.

GREAT AMERICAN. This only succeeds in certain localities, but where it does it is a grand berry.

25c. per 12.

GUIDAS. The new, exquisitely flavored strawberry of Southern California; very early, and a great shipper.

25c. per 25.

WOOLVERTON. (S.) One of the best (50) staminate sorts known for planting with pistillate varieties, as the blossoms are heavily charged with pollen; the fruit of this sort is very large, a brilliant lustrous red, very sweet and finely flavored; quite productive.

25c. per 25; $1.25 per 100.

Latest of All. 25 cents per dozen.

Empress of India. 25 cents per dozen.

Laxtoms No. 1. 25 cents per dozen.

Commander. 25 cents per dozen.

Estate by Lincoln Pine. 25 cents per dozen.

The above eight sorts are of European origin. It will pay all growers to test them as they may turn out to be something very choice for your location.

PART 3.

New Strawberries.

We would particularly recommend a trial of the following as they have done splendidly with us: Magoon, Laxtons Royal Sovereign, Earle, Four Seasons Berger, Dollar No. 2, Parker Earle Jr., Lucida Perfecta, Skagit, La Bicloire, Elba, Blonde, X No. 4, Clyde, Royal Red, Louis Gauthier, Ridgeway, Mele, and Vallejo.

MAGOON. This is an Oregon seedling, and a berry of great merit. It surpasses the Sharpless in rank luxuriant growth the fruit is of gigantic size, clear cherry red in color; very firm and a berry that stands wet weather splendidly. This berry is enormously large, larger in fact than the largest berries, probably, than any other berry in existence; as high as 3 quart boxes of fruit have been picked from a single plant; but if a dozen dishes with only average two of these quart to the plant, what an enormous yield it would be. This berry is already acclaimed as being one of the very best shipping berries. The blossom is perfect, and the foliage entirely free from rust or disease; these plants form enormous stools, and are at their best at about 3 years of age.

Per doz., 50c.; per 100, $3.50.

Edith Christy, a very valuable Australian strawberry closely allied to the famous Australian Crimson strawberry which is so extensively cultivated in Southern California: berries of good size, of a rich exquisite flavor.

La Bicloire, a very rare type of strawberry, possessing a wondrous tint of color similar to some rare rose; the berry its long and tapering; the fruit would only average two of three quarts to the plant, what an enormous yield it would be. This berry has a definite and unique flavor; leaves small and round; a great plant maker; this berry possesses a very fine, distinct flavor, and it is a very unique berry, all these things to add to its consideration: blossom perfect. Each 25c.

SKAGIT. A rare seedling berry, from the state of Washington; enormous fruit of high quality, highly colored, beautiful, rapid growers; a splendid shipping and canning berry; also a very perfect flowering sort.

Per doz., 50c.

Laxtons Royal Sovereign; said to be the greatest strawberry ever produced in England; in California it is also a wonder, the fruit being of enormous size, and flavored with the most delicate wild wood strawberry aroma.

Per doz., 5c.

Porter’s splendid berry in every respect, but its superior color and flavor are its distinguishing characteristics.

Per doz., 25c.; per 100, $1.

OCEAN CITY; we think well of this, but it is too early to speak fully with us.

Per doz., 25c.

Clyde; a very superior sort; good yielder, good color, and excellent quality.

Per doz., 50c.
Royal Red: an extra-sized berry of irregular shape, flavor very acid, especially desirable when extra large berries are wanted.
Per Doz. 50c.

Louis Gauthier: a French strawberry that gives most excellent results in California, everbearing, similar to the La. France.
50c. each.

Vallejo strawberry: produces long trusses of vines that fairly blaze with brilliant colored fruits, something new and distinct in the strawberry line; this strawberry is only an ornament and makes a most excellent pot plant; fruit not edible.
Per Doz. 25c.

Jerry Rusk: Each 10 cents.
Rival Hudson: of enormous size, very early and an abundant yielder.
Peerless, 10 cents each.
Unnamed; several splendid sorts. Per dozen 25 cents.

Cardinal. Per dozen 25c., per 100 $1.
Scarlet Queen. Per dozen 25c., per 100 $1.
Edith. Per dozen 25 cents.

King Worth. Each 10 cents.
Tahoe. Each 10 cents.
Ed. LeFort. Each 10 cents.
Crystal Palace: very fine. Each 10 cents.
Effie May. 25 per dozen.
Baiyys Giant. 25 cents per dozen.
La Montreuse. Each 10 cents.
Captain. 30 cents per dozen.
Golden Queen. 25 cents per dozen.
Parderosa. Each 10 cents.
Mastadon. Each 10 cents.
Perfection. Each 10 cents.
Lehigh. Each 10 cents.
Seek No Further. Each 10 cents.
Princess Dagman. Each 10 cents.
Smallie No. 6. 25 cents per dozen.
Margaret. 25 cents per dozen.
Drought King. 10 cents each.
Ridgway; this is a fine berry and no mistake. 25 cents per dozen.
Frogmore Late Pine. Each 10 cents.
Satisfaction. Each 10 cents.
Mele; extra choice. 25 cents per dozen.
Tennyson. Each 10 cents.
McKinley. Each 10 cents.
PART 4.

Alpine Strawberries.

These are very fine, and no garden is complete without them; they bear handsomely in April and May, and are the very best for home use where something fine is wanted; they are not as good to eat out of hand or for conserves as other sorts, but when served with sugar and cream, or made into a short cake, no berry can equal them. It is true that they are tedious to pick, on account of their small size, but their enormous yield per plant have them from the earliest spring until late in the fall, in the greatest abundance.

RED ALPINE. Long, dark crimson; high, aromatic flavor; great yielder. 15c., doz.; 40c., per 100.

WHITE NOVELTY. Large size. 50c. doz. RED BUSH ALPINE. A wonderful berry, having no runners, but growing into immense stalk plants; fruit very similar to Red Alpine; enormous yielder, single plants in New England having yielded one pint of berries at a picking in November! These are fine plants for borders, as they throw out no runners, and are singularly beautiful ornamental plants, when laden with their dense load of fruit; they are grown easily from seed.

Each doz., $1 per dozen 81.

WHITE BUSH ALPINE. Same as above only the fruit is white. Each 10c.; per dozen $1.

RED AS ALPINE. A choice wild strawberry from the Sierra Nevada mountains, California, possessing a very high, tartish, aromatic flavor, valuable only for dessert purposes. 20c. doz., can have them from the earliest spring until late in the fall, in the greatest abundance.

RED AND GOLD ALPINE. Of very little value except to experiment with. 20c. doz.

RED BUSH ALPINE. Same as the Red Alpine, except the berries are round, instead of oblong like the others.

RED WOOD ALPINE. Round red variety.

Price of Red and White Wood Alpine plants, 25c. per dozen.

ROYAL HAUPTOIS (S). A most distinct type of strawberry; the fruit is of good size; light purplish red in color, with a flavor like a Catawba grape, being rich and musky; the Hauhtois is a great yielder.

75c. per doz. $1.50 per 100.

BELLE BORDEAUX. A variety of the Hauhtois, with very ornamental foliage; fruit medium size, juicy, and with a high, musky flavor; a splendid table variety. $1.25 per doz.

MEXICAN ALPINE. The wild strawberry of Mexico, which is very extensively cultivated in that country; it is of fair size, of a very rich, musky flavor, and a great yielder.

50c. per 12.

BELLE DE MEAUX, or Black Alpine, black strawberry of fair size, which will bear enormous crops all season long in any climate; this fruit possesses the mystic delightful flavor of the wild Alpines; will grow readily from seed, and produce true to name. 50c. per dozen.

THE FOUR SEASONS BERGER. One of the largest of all Alpines and very productive. 50c. per dozen.

AMELIORE. A gigantic sized berry for an Alpine, everbearing in all climates. 50c. per doz.

RASPBERRIES.

PART 5.

Prepare the land for Raspberries the same as for strawberries; have the rows seven feet apart, and plant 2 feet apart in the rows. If the canes are to be trellised, allow them to grow as long as possible; if they are to be staked, pinch off the young canes when 3 feet high, and allow the following the young laterals should be pruned within 2 inches of the cane, and cut out all old wood in the fall of the year.

The best raspberries for profit are the Hud- son River Antwerp and Vermont Everbearing. First and Best Hansell, Miller Red, Barter, Cuthbert, Crimson Beauty and Surprise among the red sorts; Columbian, Schaeffers, Colossal and Gladstone among the purple varieties; and Golden Queen, Caroline and Yellow Antwerp among the yellow sorts. The best green sorts are Cuthbert, Hansell, Grezg, Souhegan, Lovett and Ohio. You will make no mistake if you plant any or all of these.

Red Raspberries. HUDSON RIVER ANTWERP. One of the most satisfactory that can be grown. We highly recommend this; it has merit, heavy growing canes and flourishes to perfection in hot climates. It is an enormous as well as being a very productive sort. The canes are from 1 to 2 feet in diameter, the canes unless staked or trellised will bend to the earth with their loads of crimson fruit, a splendid market sort, medium in size, and quite rich. Price 30c. per dozen, $2 per 100, $20 per 1000.

FRENCH EVERBEARING. Is one of unusual merit, and quite distinct from the average red raspberries formerly grown; it produces larger bushes than any other red variety known; the leaves are a dark green and the canes are a light brown in size. This is a strange and unique raspberry, as it gives three enormous crops a season; the fruit averages of the largest size, being about one-third larger than Cuthbert. The fruit is singularly beautiful and attractive, being a glowing, brilliant red, frosted with a white bloom. The flavor is superb, being rich, sweet, spicy, aromatic and delicious, melting in the mouth with no hard core at all. This marvelous berry furnishes fruit in the greatest abundance, from early spring until the snows of winter set in. It is of决定 merit as a shipping berry, standing travel splendidly and when placed in market sells itself by its own superior quality. This variety is of French origin, being imported from France by one of California's leading nurserymen. As it is such a valuable fruiting raspberry, they are now in great demand, with this sort. In fact, it is scarce for several years, as persons who purchase plants will prefer to increase their plantations, instead of disposing of their surplus plants. We consider this variety the best all purpose raspberry of any offered at the present day. We believe it is cosmopolitan in character—standing all climates alike; the extreme cold of the east and the scorching sun of the south.

Price 10c. each, 75c. for 10, $1 per 100.

FIRST AND BEST. We are pleased to be the introducers of such a valuable raspberry. This variety is widely different from all other raspberries, because the fruit buds spring direct from the wood canes; whereas in other varieties of red raspberries the old plant first makes a new growth before any fruit buds appear. In the very earliest of spring, the First and Best is ready to bloom—long before strawberries are in bloom in many cases. If the first blossoms are killed by frost, a new set of blossoms immediately appears, and if this one gets killed, another burst of bloom will burst forth, so that practically you will always get a crop, even if killed half a dozen times. The fruit of this remarkable raspberry ripens with the earliest strawberries, and in some sections we believe it will ripen as a second sort, as a yellowish red, a sort, of a clear, bright red color, good size, and possesses an exquisite flavor; the season of fruiting is about six weeks; the fruit retains its size until the last. It is at once
noted that a red raspberry ripening so early is a great money maker, as the first fruit in the market commands big prices and sells readily. This raspberry we have good reason to believe will prove hardy throughout the United States.

**MILLER RED RASPBERRY.** Here is an instance of one of the good things of life which has been kept from the public for some years past, and would probably have remained in seclusion for a long time to come if it had not been brought to public notice by a few enterprising fruit men, who desired that the horticultural world should know more of its good qualities and reap some of the profits thereof. Only a short description is necessary.

The bush is a stout, healthy, vigorous grower, not quite so tall as the Cuthbert, but rather more stocky and dwarfish. It is well calculated to hold up the immense crops of fruit with which it loads itself.

As compared with Cuthbert and Thompson, growing in the same field, it has never yet shown any signs of winter killing, whilst these have both suffered considerably in mild winters. Berry is as large as Cuthbert holding its size to the end of the season;
round in shape; color bright red, does not fade, but will hold its color after shipment longer than any other red variety; core very small, does not split, making it the firmest and best shipping berry in existence; has not the flat taste of some varieties, but a rich, fruity flavor entirely its own. The time of picking is very early; the first picking being with Thompson's Early, June 1st, the Miller producing double the quantity of all other varieties. The above plants that Thompson's did, in the same field, under the same conditions, continuing, until August 30—Thompson having been gone three weeks; fully as firm as and heavier. It does not seem particular as to soil, having been fruited on light, sandy, gravelly and heavy clay soils with equal success.

50c. per 12; $1 per 100; 88 per 1000; $75 per 10,000.

HANSSELL. Very large size and extremely early; brilliant red berry; very firm and therefore a great shipping raspberry; very productive; succeed well in all places.

50c. per 12; $1 per 100; 88 per 1000; $75 per 10,000.

SURPRISE. A gigantic sized red raspberry, deliciously flavored and an enormous yields; splendid shipper. It is a very late sort, ripening when nearly all other sorts are done.

50c. per 12; $3 per 100; $20 per 1000.

CRIMSON BEAUTY. A most desirable sort; large size, bright glossy red, great yielder, and possesses a fascinating, tartish flavor.

75c. per 12; $4 per 100.

AMERICAN. Very productive; splendid market berry; fruits nearly an inch in diameter; brilliant red color; delicious flavor.

50c. per 12; $3 per 100; $20 per 1000.

GREAT AMERICAN. A variety that yields a marvelous crop of large sized, rich, acid flavored berries in October and November.

50c. per 12g; 88 per 1000; single plants $5 each.

CATAWHABA. Does not bear fruit until in October; these berries are as choice and fine as anything ever grown; a brilliant red color and a tartish flavoring; Each 50c.

GOLDEN QUEEN. A sport from the Cuthbert; this is the most magnificent raspberry that we have ever tested; that is, in the line of yellow raspberries; the flavor is extremely delicious, being spicy, sweet, with a most wonderful wild wood aroma. Visitors to our place pronounce this the queen of all raspberries for rich high flavor. The fruit of this sort is of a glowing, silvery yellow color, and large size. We believe that this sort will yield more fruit at one crop than any other variety that we have.

50c. per dozen, $2.50 per 100, $20 per 1000.

GOLDEN ALASKA. A type of yellow raspberry from Alaska; one of the kind that the Klondyke prospectors feed on; it is a great yielder and a good sized berry.

$1 per dozen, $2 per 100.

GOLDEN DEW DROP. A very rare and distinct sort. Each $1.

AMERICAN WHITE. Each $1.

SILVER QUEEN. Each $1.

YELLOW SPICE. A yellow type of the black California raspberry; of large size and splendid flavor. Each 25c., per bunch.

CAROLINE. A large yellow sort almost unrivaled for productivity.

Per doz. 50c.; per 100 $1.50; per 1000 $15.

BRINKLES ORANGE. Per doz. 50c.; per 100 $1.50.

HIMALAYAN. A wild raspberry from the Himalayan mountains; a rank and vigorous grower, and attains a height of 10 feet, with canes an inch thick; the fruit is of good size, a brilliant yellow, very sweet and fine; this variety is ever productive, and one of the best for a warm climate when other sorts are scoured up by the intense heat. Stock limited. 50c. each.

OCTOBER RASPBERRY. A most superb sort. Should be sown down early in the spring, and in October and November it will give an enormous crop; these plants have crinkled beautiful leaves.

Per doz. $1.50; single plants, 25c.

CHAMPION. Each, 25c.

PART 7.

Black Raspberries.

GAULT PERPETUAL RASPBERRY. The greatest variety in small fruit. Fruit immense size; commences to ripen with Gregg, continuing until frost. Plate made from photograph of tip cut September 21st, 1883.
Young canes frequently produce clusters of 50 to 100 perfect berries.

Each 25c., per doz. $2.

MAMMOTH CLUSTER. Large, jet black, with a rich purple bloom; very juicy and high flavored. 75c. per dozen.

TYLER. 75c. per doz., $3 per 100.

KANSAS. One of the best black sorts. 75c. per doz., $3 per 100.

GREGG. 75c. per doz., $3 per 100.

SOUHEGAN. 75c. per doz., $3 per 100.

NEHAMA. 50c. per doz.

ONANDAGO. 50c. per doz.

MYSTERY. 50c. per doz.
BLACKBERRIES.

The same culture as for raspberries may be given. Our variety tests have shown us that the following are the best sorts: Cosumnes, Humboldt, Minnewaski, Erie, Kittitany, Lawton, Crandall and El Capitan. These sorts head the world for large blackberries and lots of them.

COSUMNES. A wild blackberry, discovered on the Cosumnes River, California, and noted for its luxuriant growth and productiveness, and the large and superior flavored fruit. 10c. each, 75c per 12, $3 per 100.
MINNEWASKI. A very choice sort; fruits large, roundish, deliciously sweet; a heavy bearer.

50c. per 12, $3 per 100.

EARLY CLUSTER. A vigorous, healthy grower; fruit large and without any hard 75c. per doz.

STONE'S HARDY. Medium size, good quality. $1 per doz.

WASHINGTON. A choice thornless variety. $1 per doz.

THOMPSON'S EARLY MAMMOTH. A trailing blackberry; should be trained on a trellis; fruit large and of excellent flavor. $1 per doz.

LEADER. 25c. each.

The following varieties are 75c. per dozen, $2 per 100.

AGAYAM. Flavor equal to that of the wild blackberry; very productive, and ripens early.

EARLY HARVEST. Quite early, very productive, bearing berries; and highly flavored.

WILSON JUNIOR. An improvement upon Wilson's Early.

SNYDER. A very distinct sort, yielding large crops of medium-sized, superbly-flavored berries; very early.

TAYLOR. Of the largest size, fine quality; very productive, and quite hardy.

WILSON'S EVERGREEN. A valuable sort for market or home use.

EARLY KING. Large, sweet, and very productive.

OREGON CUT LEAF, or EVERGREEN. Quite a distinct variety, with beautiful ornamental foliage, the vines growing year after year like a grapevine. The first fruit borne is quite poor and inferior, but when well established, at about three years of age, the vines yield enormous crops from the first of August until late in September. Old plants will cover a large area of ground, or may be trellised, and a single plant will yield in one season from 25 to 40 gallons of fruit, the berries of fair size, very sweet, and of a rich vinous flavor.

10c. each, 75c. per 12, $2.50 per 100, $10 per 1000.

LAWTON. The standard market berry; fruit jet black, large; extremely productive, and succeeds in all localities.

50c. per 12, $3 per 100.

KITTITANY. A most magnificent sort; very large is ripe as soon as black; flavor sweet, rich and aromatic. Continues a long time in bearing.

50c. per 12, $3 per 100.

SILVER STAR BLACKBERRY. This fruit will yield as much fruit as the Lawton. Fruit yellowish green in color; but the flavor is what is wonderful, being entirely different from any blackberry, as it is very sugary and rich.

ERIE. A very choice sort, berries very large and most deliciously flavored; a splendid market berry.

50c. per 12, $3 per 100.

ANCIENT BRITTON. Really a very fine sort, large size, melting, sweet and rich.

75c. per 12, $3 per 100.

CUTLEAF BLACKBERRY. A very old sort, and excelled by very few for productiveness.

75c. per dozen.

CRANDALL'S EVERBEARING, or Texas Hybrid. A choice sort, extensively grown in California. Probably the very best for extreme warm climates—of no value in cold localities; low growing; fruit very large, deliciously flavoured, and very sweet; is borne in the greatest abundance from early spring until quite late in the fall. This variety is in heavy demand in Southern California and Arizona.

50c. per 12, $2.50 per 100, $15 per 1000.

EL CAPITAN. The best blackberry with which we are acquainted; yields a heavy and continuous crop of fruit for about three months, outliving in productiveness all other sorts; fruit large, jet black, vinous and sweet; very heavy canes, which attain a sturdy, rich, upright form. The demand for this variety will be immense when it is better known.

50c. each.

This season's test has shown us that the Erie and Cosumnes are equal if not ahead of the El Capitan.

CRYSTAL WHITE. A platy articulate sort that should be planted near other varieties to secure good crops. Fruit white and of a pleasant and delightful flavor.

30c. per 12, $2 per 100.

OHMER. A very superior sort; fruit of enormous size, a glossy jet black, with a rich, high flavor. Very productive.

30c. per 12, $2 per 100.

CHILD'S TREE, or TOPSY. We do not see the use of calling this a tree blackberry, as many of the vigorous growing sorts can be trained into tree forms. This variety is a great and abundant bearer of the choicest fruit.

50c. per 12, $2.50 per 100.

MAXWELL'S EARLY. A most remarkable sort; fruit 3 times as large as Early Harvest; rich, sweet and luscious. This variety ripens before snowberries are gone; very heavy cropper.

Will be widely planted when better known.

50c. each, 25c. per 3, 75c. per 12, $3 per 100, $25 per 1000.

EL DORADO. Fruit enormous, possessing a rich, sweet, pleasant flavor.

25c. each, $1.75 per dozen.

SPALDING. A noted sort, from Texas, valuable only in warm climates.

25c. each.

DALLAS. Vigorous, drooping, thorny; bearing fine fruit splendid for a warm climate. 10c. each.

SACRAMENTO RIVER. A choice wild sort, collected in the Sacramento Valley, California.

75c. per dozen.

WASHINGTON. A superior wild sort, collected in the State of Washington.

75c. per dozen.

OLD BILL. Claimed to be the largest of all blackberries.

30c. each.

WILD SWEET. A superb table fruit, small in size, but very rich and sweet flavor. 10 for 35c.

HUMBOLDT. A distinct type of blackberry, and one of the greatest value. The vines grow in a trailing form along the ground, and continue to form larger vines each year, as they do not die down like the common blackberry. The fruit is entirely different from that of Eastern varieties; possessing a wildwood aroma, rich, sweet, spicy and aromatic flavor. Very prolific. The fruit sometimes one and one-half inches long, of a beautiful reddish black.

On account of the strange, peculiar aroma and delightful flavor, they are highly prized for canning, and make fine jams, jellies, etc., and excellent for immediate table use.

15c. each, $1.25 per 10, $10 per 100.

SNOW QUEEN BLACKBERRY. A wondrous beauty, a pure white tint of color; the prevailing color however is white, very productive of large, fine fruits; flavor very spicy and rich.

Each 25c.

IMPERIAL HIGH BUSH BLACKBERRY. Grows 15 feet high, cones 1 inch thick; enormous round berries but very tart in flavor.

25c. each, $1.75 per 10, $15 per 100.

M. A. Dewberries.

N. A. Dewberries.

RUBUS CANADENSIS LINNAEUS. The Dewberry of North America. A shrub of trailing
Currants.

PART 10.

Currants should be planted on rich soil, and in countries deficient in natural rainfall they should receive abundant irrigation. Every spring fertilize the soil thoroughly. Cut out all old wood as fast as it begins to decline and trim the young growth well. Plant any time from November 1 to April 1, four feet apart in rows five feet wide.

WHITE WONDER CURRANT. The most beautiful white currant in existence; flavor the very best; good yielder; a splendid sort for extreme warm climates.

15c. each; $1.25 per 10.

FERTILE DE PALAU A CURRANT. The best red currant for dry, hot soils; it is also a splendid sort for cold localities. Very productive; fruit large.

15c. each; $1.25 per 10.

FAY'S PROLIFIC. Good size, clear cherry red, delightful flavor; a great yielder.

10c. each; 75c. for 10; $3 per 100; $40 per 1000.

CHERRY. Sub-acid, large, brilliant red fruit, very fine.

10c. each; 75c. per 10.

WHITE GRAPE. Large, white berries, very productive.

10c. each; 75c. per 10.

BLACK GRAPE CURRANT. A very fine black sort.

10c. each; 75c. per 10.

OGDEN BLACK. Large jet black fruits; of high flavor.

10c. each; 75c. per 10.

BALDWIN'S BLACK. Fruit large, rich, sweet, and musky in flavor.

15c. each; $1 per 10.

RED DUTCH. Medium-sized fruit, borne in large bunches.

10c. each; 75c. per 10; $5 per 100; $40 per 1000.

WHITE DUTCH. Similar to the Red Dutch, except in color.

75c. per 10; $5 per 100.

BLACK CHAMPION. Choice black, English sort.

15c. each.

LA VERSAILLES. Excellent flavor, large, red.

15c. each.

BLACK NAPLES. Large size, great yielder, black.

10c. each; 75c. per 10.

LEE'S PROLIFIC. A choice black currant.

10c. each; 75c. per 10.

VICTORIA. An excellent, very late, red currant.

15c. each; 75c. per 10.

CRANDALL'S BLACK. Large black currant, with musky flavor; a great yielder.

15c. each; $1 per 10.

NORTH STAR. A new red cast that is being widely planted.

25c. each.

IMPERIAL YELLOW. The best yellow currant.

30c. each.

BLACK ENGLISH. A good yielder.

10c. each.

MOORE'S RUBY. Large, red, delicious flavor; an American variety, new.

30c. each.

PRINCE ALBERT. A red currant of fine quality.

30c. each.

WHITE GONDOIN. Large white currant.

25c. each.

RED GONDOIN. An excellent sort for a hot, dry climate; large, red and very productive.

15c. each; $1 per 10.

PRESIDENT WILDER. Splendid new red currant.

25c. each.

KNIGHTS'. Large, red; a choice but little-known sort.

30c. each.

GLORIE DES SABLOONS. A most remarkable currant, distinctly striped red and white.

35c. each.

WHITE IMPERIAL. A large, rich, white currant, sweet and very productive.

25c. each.

LONDON RED. A choice red sort.

25c. each.

BELLE DE ST. GILES. A fine new currant, as large as Cherry and three times as productive.

$1 each.
Gooseberries.

Part 11.

The demand for choice varieties of gooseberries is very great at present, as it has been demonstrated to a certainty that when well grown it is a profitable fruit to raise. A good plantation of gooseberries will last 50 years.

Plant four feet apart, in rows about eight feet apart; trim back well in early fall, and keep the center of bush well trimmed out; the ground should be enriched by the application of an abundance of well-rotted barnyard manure, which should be thoroughly worked into the soil early each spring.

FOR MILDEW on English sorts, spray with the Bordeaux mixture when first in leaf, and again 2 weeks later.

OREGON CHAMPION. Very productive; fruit of medium size, rich sub-acid; succeeds everywhere; no mildew.

10c. each; 80c. per 10; $5 per 100; $40 per 1000.

DOWNING. Medium-sized fruit, light green; very prolific.

10c. each; 75c. per 10; $5 per 100.

HOUGHTON’S SEEDLING. Small or medium sized, pale red, fruit; succeeds everywhere. No mildew.

10c. each; 75c. per 10.

MOUNTAIN SEEDLING. Large, dark red fruits.

25c.

GOLDEN PROLIFIC. Fruit one and three-quarter inches in length, clear golden yellow; of superb flavor; very prolific.

40c. each.

SMITH’S IMPROVED. Light green, sweet, and pleasant flavored fruit.

25c. each.

CROWN BOB. Large, red fruit.

50c. each.

TRIUMPH. Fruit golden yellow, large, fine flavor.

75c. each.

RED JACKET. A choice American seedling; bears large red fruit; no mildew.

35c. each.

PALE RED. Fruit red, medium size; a very prolific American seedling, not subject to mildew.

60c. each.

INDUSTRY. As large as small plums; rich dark red; delicious flavor; very prolific.

50c. each.

KEEPSAKE. Fruit large, green; a vigorous grower.

50c. each.

LANCASTRE LAD. Large, clear bright red, of excellent flavor.

35c. each.

WHITESMITH. Large, yellowish fruit; fine quality.

50c. each.

CHAUTAUQUA. Fruits 1½ inches long, pale yellow, very fine.

51.53 each.

PEARL. A Canadian gooseberry of great excellence; prolific bearer and a general favorite.

90c. each.

SIERRA RED. Fruit of enormous size, orange red; aromatic, high flavor; very prolific bearer. Plant very ornamental.

YOSEMITE. A brilliant dark red, and very thorny fruit.

SIERRA YELLOW. Fruit a clear golden yellow, otherwise identical with Sierra Red Gooseberry. Next; cuttings, which grow and root readily, 5c. each; the following the same price:

KELSEY. Large, excellent fruit; slightly subject to mildew.

AUTOMATIC. An excellent new variety.

QUEEN. New, $1 each.

BIG BOY. A celebrated gooseberry, that excited great interest at the Columbian Exposition because of its gigantic size. No mildew has appeared yet.

We control the entire stock; $1.50 each.

COLUMBUS. Very fine, pretty, yellow fruit; prolific; no mildew.

75c. each.

CORONEL SEEDLING GOOSEBERRY.

50c. each.

Cranberries.

Part 12.

VACCINIUM MACROCARPON Alton. A trailing evergreen bush, with stems attaining a length of 3 feet. Enormous quantities of this fruit have been produced by regular culture, with great profit. The berries are of acid taste, pleasant aroma, bright scarlet in color.

Considerable interest is now being manifested in the culture of the cranberry. It may readily be grown on upland soil, as well as on damp, boggy land. For upland planting, cover the ground about 3 inches deep with sand; arrange rows 18 inches apart so that they can be readily irrigated; set the cuttings 12 inches apart in the rows, and irrigate 3 times a week; keep free from weeds, and in 2 years they will cover the ground, and will produce 3000 lbs. of fruit to the acre the first year, double that amount the second year, and from half a ton to a ton and a quarter each succeeding season.

Planting can be done from September to November, and from February until May, according to the locality. For bog planting, drain off the water to a depth of a foot; pare off the surface and cover with 4 inches of sand, and set plants out 12 by 18 inches apart. Cuttings only are used in establishing new plantations; these grow very easily.

CAPE COD CRANBERRIES. Best sorts.

75c per 100 cuttings.

BELL. Dark red, earlier than Cherry.

75c per 100 cuttings; $5 per 1000.

CHERRY CRANBERRY. 75c per 100 cuttings; $5 per 1000.

TREE CRANBERRY. Not a true cranberry. Yields an abundance of fine berries of a juicy, acid flavor; brilliant red; a fine substitute for the swamp cranberry. Attains the height of a small tree, and very ornamental.

25c each.
Rare Berry Plants.

Part 13.

RUBUS NUTKANUS. Mociño. Salmonberry, the West American Mayberry; a singularly beautiful fruit, varying in color from a clear golden yellow to an orange red; delicious when served with sugar and cream.

We do not advise the trial of more than one plant; if found to succeed in the locality chosen, we will be pleased to furnish in quantity. Plants 25c each.

SHEPHERDIA ARGENTIA. Nuttall. The Buffalo berry occurs from the Missouri to Hudson's Bay, attaining a height of ten feet, with beautiful silvery foliage. It commences bearing when very young, yielding abundantly every season, the brilliant red berries ripening from December to May, at a time when all other fruits in its native region are past bearing. The acidulous edible berries are useful for sauce, jams and jellies, and excellent for the table when served with sugar and cream.

15c each; 2 for 35c; 10 for $1; $5 per 100.

THE STRAWBERRY-RASPBERRY. This is called the novelty of novelties, a strange and beautiful shrub or bush, with the foliage of a rose and bearing huge fruits like a strawberry, of a rosy red color, and most deliciously flavored. The bush grows after the manner of a raspberry, and commences to bloom when only a few inches high, as soon as set out, and continues to ripen fruit until late in the fall.

This fruit is considered a great acquisition to the list of small fruits, and is destined to become a standard market berry, as it can be utilized for every purpose that strawberries or blackberries are used.

The plant is quite hardy, and will no doubt succeed in every part of the United States, and a great sale is predicted for this new fruit this season. A native of tropical and subtropical Africa, Asia, and Australia, ascending the Himalayas to 10,000 feet.

5c each; per 100, $3.50; per 1000, $25.
JAPANESE WINEBERRY. The genuine wineberry (the improved sort) is a most rapid grower, the vine being highly ornamental and profitable. The fruit is a good size, rich, and produced in the greatest abundance. In fact, our new wineberries are as prolific as the Schaeffer's Colossal raspberry. The fruit is a clear, shining red, while the flavor is exquisite; better to my individual taste than any raspberry. The uses to which this fruit can be put are manifold; it can be served every way in which raspberries and strawberries are used. 10c each; per 10, 75c; per 100, $6.

JAPANESE GOLDEN MAYBERRY. 25c each; per 50, $1.50; per 125 per 1000, $4. ELEGANS LONGIPES. A splendid new berry. 25c each.

CALIFORNIA ELDERBERRY. 50c each.

THE CORAL BERRY. This is the most unique and remarkable berry ever introduced; it is a distinct type of fruit, differing widely from any variety of berry now cultivated. The Coral berry is a bush of a very waxy growth, with glistening leaves; the fruit is large, spreading tops, and attaining a height of from four to six feet. The foliage is very handsome, finely cut, of a beautiful silver color, and which is, when produced in the greatest abundance, inclosed in buff or husk until it starts to ripen, when the buff opens and exposes the beautiful berry of good size and when fully ripe is of an intense, fleshy, crimson color; this berry is most deliciously flavored, being of a rich, acid, full flavor, and spiced with a delightful aroma, entirely different from any other berry. The fruit of the Coral berry is used for all purposes that strawberries are used for. The Coral berry is self propagated by suckers, 10c the ordinary red raspberry. 25c each; per 10, $2; per 100, $15; per 1000, $100.

THE HUMBOLDT HUCKLEBERRY. These huckleberries can be grown in a dry soil, as well as in moist, if occasionally irrigated; it is an immense yielder, the bushes fairly breaking with heavy loads of fruit, which is of excellent size, of a blue-black color, and a rich, delightful flavor.

DEL NORTE ROSE BERRY.

A trailing type of the California wild blackberry, bearing pure white fruit of the richest and sweetest imaginable flavor. Plant it in similitude to the Humboldt blackberry, to insure perfect fertilization, or no fruit will be produced. As it is a pisellar variety. Very rare and scarce. 25e each.

CRUNELLS. A fruit that is a cross between a currant and a gooseberry. 30c each.

JAPANESE BLACKBERRY TREE. A beautiful evergreen tree, growing to a height of thirty feet; it yields huge fruits, the shape and size of the blackberry, and possessing a most superb flavor. The tree is thorny and very hardy. The fruit has a small pit, like a cherry pit, and can be used for every purpose that the blackberry is put to. $1.25 each.

JAPANESE HONEY BERRY. I first received this as an unknown plant collected by my collector in Japan on an island in the Yellow Sea. It grew very rapidly. It grew on the hill, and proved that it required no petting. I was surprised at its rank, luxuriant growth. The first season I believe it attained a height of sixteen feet with canes nearly an inch thick. The next season the canes grew nearly twenty in length and almost straight up. The fruit is good; the leaves are quite similar to the leaves on certain rose plants, except that they are several times larger than any rose leaves, the leaves being about ten inches long on the old stocks or canes. The leaves are a brilliant dark green, the under parts being covered with numerous purple thorns. The canes also are covered with tens of thousands of purple thorns which glisten in the sunlight and give the bush a singularly beautiful appearance. The fruit is a marvel. It is yellow or orange in color, much more colored as to sparkle in the light. The color is a reddish yellow. The fruit is quite large, of a strange mystic flavor which many people pronounce superb, while others do not like it. This plant is a type of raspberry. It commences to fruit with the earliest raspberries and continues bearing until Christmas. It is a good producer, better than any raspberry known at the present day. The fruit is valuable for any purpose a raspberry can be put to. Seeds 25c per pkt.

PINEAPPLE BERRY. A very hardy fruit, which grows in clusters like grapes, green in color, with the flavor of gooseberries and a fragrance like that of the pineapple, leaves very large, flowers a beautiful white and exceedingly showy; a most wonderful honey plant, and should be cultivated by all who desire to have the finest rose bush put to many uses; it grows in a viny or trailing form, and will climb to a height of 150 feet in trees. Price 75c each.

DWARF JUNE-BERRY. A sweet, juicy fruit valuable for pies, jams, etc., 25c each.

COLORADO MAYBERRY.

The wild mayberry of Colorado, the fruit described by Coulter as "red, very large, and pleasantly flavored." 20c each.

SIERRA THIMBLE BERRY.

Fruit large, brilliant red, aromatic flavor. Will not pay to cultivate for the fruit alone, but is a grand ornamental plant, with large, beauty leaves, and very fragrant pure white blossom, as large as a rose. 20c each.

THE STRAWBERRY GUAVA.

PSIDIUM CATTLEYANUM Weinn. A shrub 10 to 12 feet high, evergreen, producing a heavy crop of dark purple fruit of the size of a walnut; flower small, white and fragrant. About the size of the orange. An ornamental plant for the conservatory in climates too cold for the profitable growing of its delicious fruit, which may be eaten out of hand, or with sugar and cream like strawberries. It makes the finest jelly known. 81 each; seeds, 25c per qt.

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Rubus Ursinus. PART 14.

This is a new race of berries that has just lately come into prominence. They are the wild blackberries and dewberries of the Pacific Coast. Many of the following varieties possess rare merit and in time will be widely cultivated. They are especially noted for their large size, strange mystic flavor, and great productiveness. As a set of money-making fruits nothing can equal them.

LOGAN BERRY. A berry of gigantic size, of a deep, reddish maroon color; the flavor is rich, spicy, and a trifide acid; the flavor is such that it charms all. These plants are enormously productive and succeed everywhere. The fruit ripens a week earlier than the raspberries. 25c each; per 10, $1.50.

SONOMA DEWBERRY. We thought for awhile that this was identical with the Lo-
ganberry, but later find that the berries are more round in shape and the flavor is perhaps a trifle better. The fruit of this sort is large, reddish-black in color, sub-acid in flavor, musky and aromatic. It is a flavor that is quite delightful to most tastes. 2½e each; per 10, $1.50.

Raspberry—Dewberry

Part 15.

QUEEN OF THE PACIFIC. This new and unique berry seems destined to become one of our most useful fruits. Vine is much like the Dewberry, but the fruit partakes of the character of both Raspberry and Dewberry. The berry is quite as large as the Dewberry, of a reddish-black color; it is of a most deliciously sweet and high flavor, of the Logan Berry type, but sweeter and better in flavor and it ripens earlier—begins with strawberries—and can be used for every purpose that the Raspberry is put to. A rapid grower and heavy bearer and good berries have been counted on a single cane 5 feet long. This new and choice fruit will command high prices on account of its early ripening season, its great beauty and delicate, delicious flavor. See illustration on back page of cover. 2½e each; per 10, $2.00; per 100, $16.50.

Semi-Tropical Plants.

Part 16.

These are grown for us at Santa Barbara, Cal., and sent from there, charges prepaid.

Price 75e each when not otherwise specified.

MUSA ENSETE Gnaill. The Abyssinian, or Bruce’s, banana; a magnificent plant, attaining a height of 30 ft., the leaves occasionally 20 ft. long and 3 ft. wide; the inner part of the stem and the young spike can be boiled and used as an esculent, but the fruit is pulpless.

YUCCA BACCATA Torrey. California wild banana, or “Mexican bayonet;” a most beautiful scenic plant, tree-like in growth, often 15 ft. high, bearing large clusters of lovely waxy, white flowers richly tinged with purple. The fruit edible, but sparingly produced.

ANONA SQUAMOSA Linn. The Sugar Apple, or sweet-sop; a delicious fruit; in shape resembling an inverted pine cone; yellowish green, ovate, the thick rind inclosing the fleshy pulp. The acid seeds, when reduced to a powder, are used as an insecticide. An ornamental bush. Malay Islands, Fruit sour.

AMONIA CHERMOLIA Miller. Cherimoya, or Jamaica apple; fruit the size of a large apple, pale greenish yellow tinged with purple, weighing from 3 to 4 pounds each; native of Peru, where it is said to yield a weight of 15 pounds! Flesh is sweet, of the consistency of a custard, with thin skin. Trees in Santa Barbara bear yearly; will stand quite a frost; the flowers very fragrant.

CAPSICUM FRUTESCENS Linn. A shrubby species of tropical America, the berries of which are converted into cayenne pepper, and into the celebrated Tabasco Sauce.

CARISSA GRANDIFLORA A-DC. A spiny evergreen, with white, fragrant flowers, and berries the size of a small plum.

ANTIGONON LEPTOPUS Hook & Arn. Rosa de Montana, a surpassingly beautiful vine, in summer and autumn covered with a mangle of snowy pink flowers.

PHYLANTHUS DISTICHUS Muell. Oiheite gooseberry; an East Indian shrub or small tree, bearing bunches of waxy white berries, sharp acid taste, excellent for pies, etc. Requires a warm climate; ripens in midsummer.

PENNISETUM RUPELLII Steud. An elegant and graceful grass, resembling a dwarf pampas grass, with beautiful crimson plumes. Blooms in July from seed sown in the spring, and produces its lovely plumes through the whole summer.

YUCCA FILAMENTOSA Linn. "Adam’s Needle;" produces tall spikes of snowy white, bell-shaped flowers; very beautiful, and furnishes a fiber of great strength.

CORNUS CAPITATA Wall. The Himalayan strawberry tree. Also known as Bethamia Fragifera, Lindl.

LATHYRUS SPLENDENS Kellogg. By far the most gorgeous and beautiful flower, lending vine in the west, producing masses of brilliant crimson flowers.

VITIS INCISA Nuttall. Yerba del Buey (Cissa incisa, Desm.) a fine tropical vine.

ERYTHRINA INSIGNIS Ted. The Coral Tree; a surpassingly beautiful tree, of large size, with bright red flowers.

HALIMODENDRON ARGENTAE Flisc. A pretty Asiatic shrub with pink flowers; will grow in saline or alkaline soils and stands extremes of cold and drouth.

FIJITHECOLOBIUM BREVIFOLIUM Benth. The Huajillo, a beautiful evergreen tree, useful also as a forage plant.

PISTACIA VERA Linn. A deciduous Asiatic tree, sometimes 30 feet high, yielding the delicious Pistachio-nut commerce, remarkable for their green almond-like kernels.

ZINGIBER OFICINALE Roscoe. The Ginger plant, of India and China; "for candied ginger only the young succulent roots are used, which are peeled and scalded prior to immersion into the saccharine liquor."—Mueller.

COFFEA ARABICA Linn. The genuine coffee plant, a shrub or small tree, indigenous to Abyssinia, bearing small, fragrant flowers and red berries render it very ornamental.

THE KIN-KAN (Japan) or Kum-Quat (of China.) "A variety of orange, the great merits of which are as yet comparatively unknown. The fruit forms a medium-sized pyramidal from 15 to 20 feet high, but can be trained into any shape desired. It is most to be recommended for its superior hardiness 10 to 15 deg., above zero Fahrenheit will not injure it,) and also for its early and profuse bearing capacity, the branches being literally covered with fruit. The fruit itself is obovoid of a bright golden yellow, like a medium-sized egg plum, the rind almost as thin as a cherry’s, sweet and juicy; can be eaten with the fruit; the pulp is juicy and very refreshing. It recommends itself mostly for crystallizing and preserving, but is also eaten fresh from the tree. Cut into halves, it is used in Japan during summer as an ingredient for all cooling drinks, to which it imparts a delicious flavor. As a plant for pot culture in the Eastern climate it cannot be too highly recommended, not being as tender as the other oranges. A small tree laden with the golden fruit is one of the greatest ornaments to win window garden, conservatory, and growing house. When the well-grown plants we offer will be greatly pleased with their experiment. Pot-grown trees, $1 each.

CAIAGIRE.

RUMEX HYMENOSEPHALUS Torrey. Plant one to three feet high, from a cluster
of deep-seated Dahlia-like tuberous roots. The tubers are noted for the tannin contained, and are as easily grown as potatoes. It occurs wild in dry soil in the plains and mountains from California to Mexico, and its culture on a large scale offers a promising field for the investment of large capital.

QUEENSLAND NUT.

MACADAMIA TERNIFOLIA F. Muel. An Australian tree, attaining a height of 60 feet. Bears nuts of the size of a nutmeg, with very hard shells and the flavor of the Brazil nut of Brazil.

STRAWBERRY NUT TREE. A Chinese fruit, resembling huge strawberries, each enclosing a soft-shelled nut with a highly aromatic and sweet kernel. This is exported in large quantities from China.

DORYANTHES PALMERI W. Hill. Australian Torch Lily; red and white; 5 feet high; a plant of marvellous beauty.

DRACAENA DRACO Linn. The Dragon-blood tree of the Canary Islands; an imposing feature in horticulture, a celebrated one at Orotana was estimated by Humboldt to be 6000 years old; yields the Dragon-blood resin.

FICUS ELASTICA Roxb. A large tree, yellow sap (lysiously to caoutchouc), the kind called assam-rubber. The true rubber tree, and highly valued as an ornamental tree.

FICUS INDICA Linn. The famed Banyan tree of India; "at the age of 100 years one individual tree will shade and occupy about one and a half acres, and rest on 150 stems or more, the main stems often with a circumference of 50 feet.

EUGENIA JAMBOS Linn. The Ross-apple, of tropical Asia; a delicious fruit, having the flavor of the apricot, about the size of a crabapple, yellowish red, and with a fragrant rose scent.

LEUCADENDRON ARGENTIUM R. Br. The silver tree; greatly admired by lovers of the odd and the beautiful.

HEMICYCLIA AUSTRALASICA Muell. A large spreading evergreen tree, with shining holly-like foliage, and red fruits.

EUCALYPTUS CITRIFOLIA Hooker. Lemon-scented gum-tree.

EUCALYPTUS GLOBULUS Labill. Blue gum.

EUCALYPTUS GUNNII Hook. Swamp gum-tree, one of the hardest species known.

EUCALYPTUS HAEMASTOMA Sm. White gum.

EUCALYPTUS LEUCOXYLON F. Muel. Crimson-flowered eucalyptus.

EUCALYPTUS ROSTRATA Schlcht. Red gum.

SCHOTIA LATIFOLIA Jacq. A South African shrub, with rich, ornamental foliage, and pretty red flowers.

MAGNOLIA OBOVATA Thunb. Japanese purple magnolia; blossoms purplish red.

EHRETTIA MACROCARPA Wall. A small Japanese tree, with very large cordate leaves, and panicles of white flowers.

KNIPHOFIA ALOIDES Moench. A showy and brilliant plant, the tall flower spikes surmounted by rich, copper-colored flowers.

HOVENIA DULCIS. Thunberg. A surpassingly beautiful tree, of Himalaya, China and Japan; the edible pulp fruit storks an inch in diameter, sweet and pleasant; true fruit the size of a pea. Trees large and heavy; by express, $1 each.

BUSHN-KAN. The five-fingered orange of Japan, a curious novelty, one of the greatest horticultural wonders. This orange tree bears a fruit the exact counterpart of a human hand, and that hand with long pointed nails! The fingers are perfect—the nails with the rings being rendered in curious likeness. The fruit hangs on the tree like a human hand, with the ball of the thumb clearly defined. Fruits when quite young not edible, although in Japan a good jam is prepared from it. The tree itself is the same as any other orange tree, with fine, large, glossy foliage and long thorns on the branches. As an ornamental oddity, nothing to equal this has been offered in a generation.

CEDRIS LIBANI Barreli. Deodor Cedar, or Cedar of Lebanon.

PHYSALIS GLABRA Benn. The "Tomate oloroso" of Baja California; plant bluish flowers; a musk scented; flowers yellow; fruit red, edible.

CAMELIAS: Pot plants, 12 to 18 inches high, pure double white; double shell pink, or double variegated: by express (purchaser paying charges), $1 each.

DENDROCALAMUS MEMBRANACEUS. Munro. A most elegant giant bamboo, likely to be hardy in the south.

JAPANESE AZALEAS: Pot plants in the following colors: Pure white, golden yellow, apricot or salmon color, and red; by express (purchaser paying charges,) at $1 each.

JAPANESE ROSE HYDRANGEA. Extremely beautiful, 65 cents each.

JAPANESE CELESTIAL BLUE HYDRANGEA. Very showy, 35 cents each.

JAPANESE WHITE HYDRANGEA. Very showy and fine, 35 cents each.

HYDRANGEA HORTENSIA Siebold. var. RUBRA. The Rosy Star Hydrangea; double rose-colored perfect star-shaped flowers.

PRUNUS DIVARICATA Lede. The purple-leaved plum.

PRUNUS SIMONI Carr. The apricot plum, or Simon plum, of China; growth erect; flowers small, white; fruit large, flattened, of the size and appearance of a nectarine, brick red color, flesh yellow, with a peculiar, sweet aromatic flavor.

BAMBOOS.

MOSO-CHIKU. Attains a height of 30 ft.

TAI-HO-CHIKU. Slender stems, 10 ft. high. BAMBUSA SASSA. Slender, grass-like, 2 to 3 feet high.

BUNGO-AGRESTIS. BUNGO-SASSA. MISO-CHIKU.

HYDRANGEA HORTENSIA Siebold. var. RUBRA. The Rosy Star Hydrangea; double rose-colored perfect star-shaped flowers.

PRUNUS DIVARICATA Lede. The purple-leaved plum.

PRUNUS SIMONI Carr. The apricot plum, or Simon plum, of China; growth erect; flowers small, white; fruit large, flattened, of the size and appearance of a nectarine, brick red color, flesh yellow, with a peculiar, sweet aromatic flavor.

JAPANESE MAPLES.

ACER PALMATUM Thumb. A showy and magnificent tree, with deeply-cleft leaves, in some varieties having rich, glossy red foliage, some magenta red and white, others golden yellow, brown, green and white. Japan alone furnishes twenty-two species of maples. The many ornamental forms of these species are yearly gaining in favor, and for effective grouping in landscape gardening they are unrivalled.

Var. ATROPURPUREUM. Dark, satiny, red foliage.

Var. A. VARIEGATUM. Variegated red, green and brown.


Var. SANGUINEUM. Bright, blood red.

Var. VERSICOLOR. Pink, green and white.
Var. ROSEA-MARGINATUS. Pale pink, shaded with a network of green and white.
Var. AUREUM. Clear golden yellow.

GRAFTED JAPANESE MAPLES: five to seven different varieties grafted upon one stem form a wonderful display of foliage, a "tree bouquet" of red, white, yellow, brown and green in beautiful contrast and showing to great advantage.

PALMS.

CYCAS REVOLUTA Thunberg. A most beautiful cedars for scenic planting; this, the "Japan Fern Palm," attains a height of 6 feet, and makes in sago-like shapes.

CHAMAEROPS EXCISA Thunb. The hardiest of all palms; it has stood three degrees above zero F. without protection; beautiful fan-shaped leaves.

CHAMAEROPS HUMILIS Linna. The dwarf fan palm of Southern Europe; very ornamental, and eligible for scenic effect; listy.

ERYTHEA ARMATA Watson. The beautiful Blue Palm of Lower California; the fan-shaped leaves of a soft, glaucous color; the fruit is the size of a marble, and largely eaten by the Indians of the desert region where it grows wild.

ERYTHEA EDULIS Watson. The Gradleupe Island Palm; of equal decorative value to Latania Borbonica; much harder, and of far more rapid development.

JUBAEA SPECTABILIS Humboldt. The tall and stout Coquito Palm of Chili; hardy; yields small, edible kernels; a kind of treacle is obtained from the sap; leaves sometimes 10 feet long.

OREDOXA REGIA Humboldt. The Royal Palm, or "Glory of the Mountains;" the grandest of the pineapple leaved palms.

THRINAX ARGENTEA Lodd. One of the most elegant of fan palms, the under part of the leaves shining like satin; native of Panama.

WASHINGTON FILIFERA Wendel. The popular California fan palm; a hardy and magnificent species of the desert region of Southern California.

CASABANANA.

BENINCASA CERIFERI Savit. Casaba; a strange fruit, belonging to the melon family; native of tropical Asia and Africa. It will climb to a height of fifty feet in one season, and produces a large edible gourd, twelve to eighteen inches long and three inches in diameter, of a brilliant red when ripe, possessing a strong pineapple fragrance. Very superior for preserving. In an unripe state forms part of the composition of many kinds of Curry."

For cold climates seeds should be started in pots, and transplanted to the open ground after all danger of frost is over. Seeds, 25c. per pkt.

LYONOTHAMNUS FLORIBUNDUS Gray. Glossy evergreen foliage, finely cut like some ferns; branchlets crowned with umbels of white flowers. Santa Barbara Islands, a tree 30 to 50 feet high, extremely rare in cultivation. $5.

ALOE ARBORESCENS Mill. This very fine species throws up a flower spike three feet high, orange red flowers.

ALOE CILIARIS Haw. A climbing South African species; produces a profusion of orange scarlet flowers.

DASYLIRION Zucc. Yuca-like, and very choice ornamental plants, belonging to the lily family, with narrow, grass-like leaves.
D. Bigelovii Torr.—See Nolina Bigelovii.
D. GLAUCOPEHYLLUM Hook. A low growing, spiny, Mexican species.
D. longifolium Zucc.—See Nolina longifolia.

THE CHOLLAS.

A former characteristic of Southern California landscapes were the thickets of cholla cactus, which still decorate some of our uncleared hillsides, and abound in the desert regions and unsettled parts of Lower California and Mexico. The cholla belongs to the same genus as the prickly pear, but differs mainly in the cylindrical, instead of flat, joints and in its non-edible fruits.

FRESIA REFRACTA ALBA.

This long name is become familiar to every lover of flowers in the civilized world. It is a native of Africa and belongs to the iris family, a family which gives us a multitude of brilliant flowers which readily adapt themselves to Southern California. It will produce a wealth of fragrant bloom the first year from seed, and is so easily grown that it is within the reach of the humblest housekeeper.

PRUNUS MYROBALANA Loisel. Myrobalan plum. A general all-around stock for prunes and prunes.

PRUNUS PADUS Linn. Bird Cherry.

CALYCANTHUS FLORIDUS Linn

CRATAEGUS CORDATA Soland. Washington Thorn.

THE LEMONADE BERRY.

PAPER SHELL POMEGRANATE.
SPANISH RUBY POMEGRANATE.
SWEET FRUITED POMEGRANATE.
THE PARTRIDGE-BREAST ALOE.
CANTON HYBRID ORANGE.
JAPANESE MEDLAR.
JAPANESE MAIDEN HAIR TREE.
JAPANESE WHITE LILAC TREE.
JAPANESE CHERRY PLUM.
JAPANESE BEAN.
JAPANESE GOURD.
JAPANESE GRAPE.

LILIES.

PART 17.

Price 15c. each when not otherwise specified:

BEHRIA TENUIFLORA Greene. Grassy leaves about a foot long; flowers tubular, borne in an umbel, the stamens much exserted, brilliant scarlet in color, reminding one somewhat of the Brevoortia Idia-Maja. A Mexican bulb nearly allied to Bessera Elegens.

LILIUM LEICHTLINN Hook. f. A Japanese species of neat and elegant habit; pendulous flowers, pure canary yellow, with crimson spots; petals recurved. 25c. each.

Var. FUJI-HIRADO. A Japanese variety with red flowers, spotted with black. 25c. each.

LILIUM JAPONICUM Thunb. Broad, funnel-shaped flowers, delicate pink to a rich soft rose, spots and very fragrant. (L. Kramer of catalogues).

LILIUM LONGIFLORUM Thunb. Snowy
white, trumpet-shaped flowers, of rare fragrance.

LILIUM ELEGANS Thunb. An early and very showy Japanese species, with cup-shaped flowers.

Var. INCOMPARABILE. "Brilliant red, with golden shadings." 30c. each.

LILIUM HUXOLDITII Roeez and Leichtl. Very tall; large golden yellow blossoms, dotted with purple; a very showy and magnificent lily.

LILIUM WASHINGTONIUM Kellogg. A marvelously beautiful white lily, of a waxy luster, and emitting a delightfully spicy perfume.

LILIUM AURATUM Lindl. The Golden Banded Lily of Japan, has very fragrant and most beautiful white flowers, with each petal wonderfully marked with a wide gold band, and spotted with maroon. This lily is very variable, scarcely any two plants being alike.

Var. RUBRO-VITTATUM. The gold replaced with a broad crimson band; the spots and blossoms large and a vivid crimson, forming a splendid contrast with the white. 60c. each.

LILIUM KRAMERI. Very choice; a lustrous rose red. 25c. each.

LILIUM BATEMANNIAE Wallace. A robust, hardy Japanese species, named for Mrs. Bate- mann, producing umbels of 4 to 15 semi-cup-shaped flowers, of a deep apricot yellow.

LILIUM BROWNII Mielli. A magnificent Chinese species, 2 to 3 feet high, bearing a solitary, large, beautiful flower, tubular or bell-shaped, 10 inches long, pure white, with a purplish-brown midvein on the three outer segments. 25c. each.

LILIUM SPEIOSOMUM Thunb. This has furnished many beautiful varieties for the garden, of which only a few can here be mentioned.

Var. RUBRUM. Pure white, with crimson stripes.

Var. OPAL. "Frosted white, dotted with red." 50c. each.

Var. MELPOMENE. Very fine, dark red. 50c. each.

Var. ALBUM. Pure white; fragrant.

LILIUM CALLOSUM Sieb. and Zucc. Brilliant red flowers; native of Japan.

LILIUM CONCOLOR Salisb. A Chinese species with deep crimson flowers, unspotted with lighter colored outside.

Var. CORIDON. Rich yellow, flaked with brown; erect flowering, and the finest of the Japanese members of this group. 50c. each.

LILIUM CORDIFOLIUM Thunb. Raceme a foot long, flowers white, marked with purple inside. A native of Northern Japan.

Var. GIANTUM. Grows 10 feet high.

LILIUM PARADILINUM Kelzgg. A beautifully looking plant, that seems to flourish in all soils and climates; a luxuriant grower and a profuse bloomer; the large, glowing yellow flowers, spotted with brown, the lips of a yellow crimson; very variable in color, however, occurring in many forms.

Var. BOURGAIL. A surpassingly beautiful lily; lustrous, fiery red, large and drooping flowers.

LILIUM PARRYII Watson. A pretty and exceedingly rare lily; found in the mountains of Southern California and Arizona; named in honor of Dr. C. C. Parry; produces lovely clusters of large and very fragrant flowers, of a clear, lemon yellow, spiced with a delicious perfume. 25c. each.

LILIUM PARVUM. An Alpine species, small, drooping, canary yellow colored flowers, resembling a dwarfish l. Pardalinum.

LILIUM COLUMBIANUM. Reddish orange. 20c. each.

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**ROSES.**

**PART 18.**

ROSES delight in a rich, well drained soil; frequent cultivation helps them wonderfully. In setting out young plants, shade and water well for a few days.

By all means set out early in the fall, as they do so much better the coming season; still they can be set out in almost any month in the year, and grown successfully.

Price, small plants, 15c. each; heavy field grown plants, 25c., charges prepaid.

STRIPE D LA FRANCE. Creamy pink, streaked with carmine.

RED D LA FRANCE. Brilliant pink, highly perfumed.

WHITE D LA FRANCE. Pearly white, tinted with fawn.

PINK D LA FRANCE. Silvery peach color.

CLIMBING D LA FRANCE. Peach pink, a grand climber.

BEAUTE INCONSTANTE. Orange yellow and deep rose.

MME. CAROLINE TESTOUT. A lustrous satiny pink.

CHAMPION OF THE WORLD. Deep rosy pink.

GOLDEN GATE. Rich creamy white.

NIPHTOS. Pure snow white.

SAFRANO. A beautiful apricot yellow, shading to orange fawn.

MARIE GILLLOT. Pure white, shaded yellow.

CLOTHILDE SOUPEUR. French white, deepening to rosy red.

SAPHIO. Fawn color, suffused with rose.

DUCHESES DE BRABANT. Soft silvery pink, changing to deep rose, edged with silver.

COUETTE DE LYON. Canary yellow; very fine.

CATHERINE MERMET. Clear shining pink, with delicate shaded amber and fawn center.

BON SILENE. Deep rose color, very sweet and beautiful.

GLORIE DE DIJOU. Fawn, tinted with salmon and rose.

ISABELLA SPRUNT. Sulphur yellow; very beautiful.

MADAME HOSTE. Delightfully perfumed; color soft canary yellow, deepening at center to pure golden yellow; beautifully flushed with pale amber; edges and reverses of petals rich creamy white.

MADAME LOMBARD. Very double, beautiful shade of rosy bronze, passing to salmon and fawn, shaded with carmine buds, and reverse of petals rosy crimson.

MARIE VON HOUTTE. White, tinged with yellow, border of petals tipped with rose.

METEOR. Rich velvety crimson; very fine.

PAPA GONTIER. Brilliant carmine, changing to pale rose.
PERLE DES JARDINS. Best yellow tea rose; flowers of the deepest yellow; highly fragrant.

RAINFALL. Resembles Papa Gentier, except that the petals are striped or blotched; of great beauty; 35 cents each, prepaid by mail.

SUNSET. Rich golden amber, shaded with dark ruddy crimson; deliciously perfumed.

THE BRIDE. Pure white tea rose; very fragrant.

THE QUEEN. Color snowy white, and very sweet; a most continuous bloomer.

AMERICAN BEAUTY. Deep glowing rose of delicious fragrance.

BLACK PRINCE. Almost black, velvety crimson.

GIANT DES BATAILLES. Brilliant, fiery crimson.

HER MAJESTY. The largest rose ever induced; bright pink, shaded with rosy salmon.

LOUIS VAN HOUTTE. Fiery, amaranth red; petals bordered with crimson.

MABEL MORRISON. White, faintly flushed with pink; extra.

MADAME GABRIELLE SUZET. Color a fine satin rose inlaid with silvery rose and color heighted at the center; one of the most beautiful roses grown.

PAUL NEYRON. Dark rose; very fine.

MOSS ROSES.

AETNA MOSS. Bright crimson, shaded purple.

CAPTAIN JOHN INGRAHAM. Dark velvety purple.

HOPPENSE VERNET. Rosy carmine; buds beautifully mossed.

MOUSSELINE. Pure white, sometimes shaded with rosy blush.

VISCOUNTESS FALMOUTH. Bright shining rose, back of petals bright carmine; flowers extra large.

CLIMBING ROSES.

CELINE FORESTER. Pale yellow, a very excellent rose.

CLOTH OF GOLD. Deep yellow, with sulphur edges; very beautiful.

GOLD OF OPHIR. Magnificent; bright salmon and fawn color.

LA MARQUE. White; very fine.

MARECHAL NEIL. Flowers very double, and delicately perfumed; color deep golden yellow.

REINE MARIE HENRIETTE. Clear cherry red, tea scented; strong climber.

SAN RAFAEL ROSE (Beauty of Glazewood.) Most brilliant and charming of all climbing roses; flowers semi-double, and a beautiful blending of gold, copper and pink;

BANKSIA ROSES.

WHITE. Pure white, very double, small flowers, delicate fragrance, like a violet.

YELLOW. Clear yellow, small and very double.

BENGAL ROSES.

AGrippina. Rich velvet crimson.

COUPE DE HEBE. Deep pink.

JAMES SPRUNT. Climber; crimson color.

MAGNA CHARTA. Pink, suffused with carmine.

HYBRID NOISETTE ROSES.

HYBRID NOISETTE. This rose blooms in clusters; flowers white or nearly so.

MADAME ALFRED CARRIERE. Very light flesh color, shaded with salmon.

BOURBON ROSES.

HERMOSA. Bright rose, a most constant bloomer.

SOUVENIR DE LA MALMAISON. Delicate flesh color, tinted with fawn.

PRAIRIE, OR CLIMBING ROSES.

BALTIMORE BELLE. Pale blushed, variegated and carmine, rose and white.

PRAIRIE QUEEN. Clear bright pink, sometimes with a white stripe.

SEVEN SISTERS. Crimson, changing to white.

CHEROKEE. Very distinct from other roses; dark glossy foliage; single crimson flowers.

WHITE RAMBLER. Same as the Crimson Rambler Rose, but pure white, double, $2.50 each.

Cacti and Succulents. PART 19.

We send out Cacti from a large collection in San Diego, of well established plants; 25¢ to $1 each, according to size and beauty.

CENTURY PLANTS.

The agaves form a beautiful class of decorative plants, tropical in aspect, and belong to the amaryllis family, though often erroneously considered as belonging to the cactus family. They are called century plants from another popular fallacy, that they require 100 years before blooming. In tropical countries they attain maturity, blossom and die, in less than twenty years usually.

AGAVE AMERICANA Linnaeus. The mescal plant of Mexico, from which a useful fibre is secured. Pulque, the national drink of Mexico, is produced mainly from this plant, and the juice is also distilled into an alcoholic beverage known by the name of mescal. Thousands of acres are devoted to its cultivation in Mexico, where it ranks with corn, wheat and beans in commercial importance. It makes rapid growth, attaining to a large size, and in the United States is largely planted for its decorative value.

Var. VARIEGATA Hort. Large, broad leaves margined with white, the finest of many forms in cultivation.

AGAVE CORDEROYI Versch. A very beautiful Mexican species. 5¢ each.

AGAVE DECIPiens. Tall growing, deep green foliage. 60¢ each.

FAIRY FINGER TIPS.

COTyledon ATTENUATA Watson. This dwarfish plant is destined to attain great popularity for beds and borders. It was discovered in Lower California in 1888 by C. B. Orcutt, and first introduced into cultivation in 1894. It resembles dwarf C. Edulis, and produces panicles of pretty yellowish or rose
purple flowers that do not detract from its adaptability for borders or edging to beds. 10c. each; $6 per 100. Fine for borders.
C. CALIFORNICA Baker. A very symmetrical, small-growing species especially valuable for bedding purposes.
C. DESMETIANA Hemsl. An exceedingly beautiful Mexican species, quite rare in collections. 8c. each.
C. EDULIS Brewer. This sometimes grows two feet across and bears a tall panicle of greenish flowers. It has become widely known under the name of "Finger Tips," from the long, slender leaves, which the Indians of California formerly used as a salad.
20c. each.
C. FARINOSA Bent. & Hook. Leaves rich vivid green, sometimes splashed with red; the clusters of brilliant red flowers, with a faint glow of yellow at the centers, are quite showy.
15c. each.
C. LANCEOLATA B. & H. A plant that does well under good treatment, producing a spike of red flowers. The lanceolate flat leaves sometimes of a dull crimson color, but commonly green.
3c. each.
THE HEDGEHOG CACTUS.
C. LAXA Bent. & Hook. Leaves curiously twisted; flowers red, or yellowish in some forms.
8c. each.
C. LINEARIS Greene. A near ally to C. lanceolata, with greenish yellow flowers. Baja California.
40c. each.
C. NEWADENSIS Watson. Flowers yellow, tinged with red; occurs in the Yosemite valley.
50c. each.
C. ORBICULATA Linnaeus. An old-fashioned garden plant, attaining to a tropical luxuriance of growth and producing large pendulous orange-colored flowers of great permanence.
E. PULVERULENTA Baker. Large, elegant in form, the broad leaves forming a beautiful rosette and covered with a thick white powder. 30c. each; $25 per 100.
C. SECUNDA Baker. A showy and very symmetrical Mexican species, very useful in borders; showy red flowers; of quick growth.
AURORA, fine pink, exquisite fragrance.
BUTTERCUP, yellow, with pink markings.
CRIMSON CORONET, fine pink, deeply fringed.
DAYBREAK, delicate shade of pink.
GOLDEN GATE, fine golden yellow.
LIZZIE McGOWAN, very fine, pure white.
PEACH BLOW CORONET, peach pink color.
SILVER SPRAY, white.

**Evergreen Trees.**

**PART 21.**

The Conifer of Calif. are the most beautiful on earth; they are easily transplanted and succeed admirably in all localities. We furnish small one-year trees very cheap. These are from 4 in. to 6 ft. in height being quite listed; they are easily shipped by mail and at the following prices:

**ABIES AMABILIS** (Silver Fir). 50c per 10; $4.00.
**ABIES MENZIESII** (Menzies Spruce). $1.00 per 10; $8.00 per 100.
**ABIES CONCOLOR** (Black Fir). $1.00 per 10; $8.00 per 100.
**ABIES GRANDIS** (Great Silver Fir). $1.00 per 10; $8.00 per 100.
**ABIES WILLIAMSONIA** (Silver Spruce). $1.00 per 10; $8.00 per 100.
**ABIES NOBILIS** (Noble Fir). 50c per 10; $4.00 per 100.
**CHAMAECYPARIS LAWSONIA** (Lawson's Cypress). $1.00 per 10; $8.00 per 100.
**CUPRESSUS GOYENIATA** (Dwarf Cypress). $2 per 10.
**CUPRESSUS MACROCARPA** (Monterey Cypress). $1 per 10.
**LIBACEDRUS DECURREUS** (Silver Cedar). 30c per 10; $2.50 per 100.
**PICEA FUNGEE** (Blue Spruce). $1 per 10; $8 per 100.
**ABIES DOUGLASSII** (Douglass Spruce). 50c per 10; $4 per 100.
**PINUS INSIGNIATA** (Montery Pine). $1 per 10; $8 per 100.
**PINUS LAMBERTIANA** (Sugar Pine). $1 per 10; $8 per 100.
**PINUS PONDEROSA** (Yellow Pine). 50c per 10; $3.50 per 100.
**SEQUOIA SEMPERVIRENS** (Redwood). $1 per 10; $8 per 100.
**TAXUS BREVIFOLIA** (Yew Tree). $1 per 10; $8.00 per 100.
**TORREYA CALIFORNICA** (California Nutmeg). $1 per 10.
**PINUS SABINIANA** (Nut Pine). $1 per 10; $8 per 100.

Seeds of any of the above sorts, 25c per pt.

**ORNAMENTAL TREES.** Native of California.
**ACER MACRAPHYLLUM** (Large Leaf Maple). $2 per 10; 25c. each.
**ARBUTUS MENZIESIE** (Madrona). $2 per 10; 25c. each.
**CLONOTHUS DIVARICATUS** (Deer Brush). White flowers. $2 per 10; 25c. each.
**CLONOTHUS THYSIFLORUS** (Deer Brush). White flowers. $2 per 10; 25c. each.

**CARNATIONS.**

**PART 26.**

By mail, postpaid, at 12 cents each.
**AMERICAN FLAG,** striped crimson and white.

**GLADIOLAS.**

Our collection of Gladiola bulbs is the finest in the State; later we shall offer a vast collection of Dahlia bulbs and the best varieties of Chrysanthemums.

**CARNATIONS.**

**PART 20.**

By mail, postpaid, at 12 cents each.
OREDAPHENE CALIFORNICA (Bay Tree) 20c. each.
HETEROMELES ARBUTIFORMIA (Holly) 15c. each.
CASCARA SAGRADA (Coffee Plant) 10c. each.
AZALEA OCCIDENTALIS (Rhododendron) 25c. each.

Seeds of any of the above sorts, large packet, 25 cents.

Wild Flower Seed.
A mixed package well filled with 50 varieties of the best wild flowers of California for 25 cents. These seeds were collected high in the mountains, where the wild flowers grow in almost tropical luxuriance and abundance.

TREES SEEDS.

PART 22.
25 cents per packet.
LIROCEDRUS DECURRENS Torrey. The white or post cedar.
PSEUDOTSUGA DOUGLASII Carr.
PSEUDOTSUGA TAXIFOLIA Britton. The beautiful and popular Douglas Spruce (Abies Douglasii Lindl.) known in lumber markets as "Oregon pine."
TORREYA CALIFORNICA Torr. The California Nutmeg, a symmetrical tree, attaining a height of 100 feet.
CHAMAECYPARIS LAWSONIANA Parlat. Lawson Cypress (Cupressus Lawsoniana, Murr.) the Port Orford cedar of Oregon, a very handsome tree.
CANTALPA SPECIOSA Warder. The hardy catalpa of the Mississippi States; of rapid growth, producing a very durable wood.
ILEX QUERCIFOLIA Meerb. American holly (Ilex opaca,) a fine evergreen tree, 20 to 50 feet in height, with rigid leaves and red shrub."
CARYA ALBA Nutt. Shell-bark Hickory.

FRUIT TREES.

PART 23.
Price 15 cents each, $1.25 per 100, unless otherwise specified.
Summer varieties are marked (S) autumn varieties (A), and winter varieties (W).
ALEXANDER, OR EMPEROR (A) APPLE
EARLY STRAWBERRY (S) APPLE.
DUCHESS OF OLDENBURG (A) APPLE.
SWEET JUNE (S) APPLE.
GOLDEN SWEET (S) APPLE.
EARLY HARVEST, OR YELLOW HARVEST (S) APPLE.
McINTOSH RED (W) APPLE.
NORTHERN SPY (W) APPLE.
PEWEEKEE (W) APPLE.
RHODE ISLAND GREENING (W) APPLE.
ROME BEAUTY (W) APPLE.
SPITZENBURG (W) APPLE.
TALMAN'S SWEETING (W) APPLE.
WAGENER (W) APPLE.
WILLOW TWIG (W) APPLE.
WOLF RIVER (W) APPLE.
CANAHA RED (W) APPLE.
BEN DAVIS (W) APPLE.
WHITE BELLFLOWER (W) APPLE.
DELAWARE RED (W) APPLE.
GANO (W) APPLE.
KING OF TOMPKINS COUNTY (W) APPLE.
MANN (W) APPLE.
MISSOURI PIPPIN (W) APPLE.
NEWTON PIPPIN (W) APPLE.
CANADA REINETTE (W) APPLE.
ROXBURY, OR BOSTON RUSSETT (W) APPLE.
SEEK NO FURTHER (W) APPLE.
STARK (W) APPLE.
WALBRIDGE (W) APPLE.
WINESAP (W) APPLE.
WHITE WINTER PEARMAIN APPLE.
ENGLISH RUSSETT (W) APPLE.
YELLOW TRANSPARENT (S) APPLE.
RED JUNE (S) APPLE.
SWEET BOUGH (S) APPLE.
RED ASTRACHAN (S) APPLE.
SUMMER PEARMAIN (A) APPLE.
FALL PIPPIN (A) APPLE.
GRAVENSTEIN (A) APPLE.
MAIDEN'S BLUSH (A) APPLE.
RED BORITHEIMER (A) APPLE.
WEALTHY (A) APPLE.
FAMEUSE, OR SNOW (A) APPLE.
HAAS (A) APPLE.
RAMBO (A) APPLE.
TWENTY OUNCE, OR CAYUGA RED STREAK (A) APPLE.
WAXEN (A) APPLE.
ARKANSAS BLACK (W) APPLE.
BLUE PEARMAIN (W) APPLE.
BALDWIN (W) APPLE.
YELLOW BELLFLOWER (W) APPLE.
GOLDEN RUSSETT (W) APPLE.
JONATHAN (W) APPLE.
MAMMOTH BLACK TWIG, OR PARAGON (W) APPLE.
ROYAL APRICOT.
MOORPARK APRICOT.
BLACK TARTAR CHEERY.
CENTENNIAL CHEERY.
BING CHEERY.
YELLOW SPANISH CHEERY.
MAY DUKE CHEERY.
RUSSIAN MULBERRY.
DUNNING'S EVERBEARING MULBERRY.
BURBANK'S (JAPAN) PLUM.
BRADSHAW PLUM.
COE'S GOLDEN DROP PLUM.
COLUMBIA PLUM.
KELSEY (JAPAN) PLUM.
GREEN GAGE PLUM.
SATSUMA (JAPAN) PLUM.
PEACH PLUM.
WASHINGTON PLUM.
REINE CLAUDE DE BAVAY PLUM.
YELLOW EGG PLUM.
NEW JAPANESE PLUMS.
WHITE KELSEY, YEDDO, MIKADO, FURIGUJA, O. HATANKYO, YONE MOMO, WASSE SIMONOW, WASSES BOTANKIO, NO-
GATE NO BOTANKIO, SAGETSUMA, HOUS-MONO, HYTAN-KAYO, WASSO, SHIRO SI-MONO.

Trees 60 cents each.

WEETING BLOOD PLUM.
NORMAN'S JAPAN PLUM.
ORIENT PLUM.
BAILEY'S JAPAN PLUM.
WICKSON'S PLUM.
PRATT'S SEEDLING (W) PEAR.
VICAR OF WAKEFIELD (W) PEAR.
WINTER BARTLETT PEAR.
BARTLETT (S) PEAR.
LAWSON (S) PEAR.
CLAPP'S FAVORITE (S) PEAR.
SOUVENIR DU CONGRESS (S) PEAR.
BEURRE CLAIRGEAU (A) PEAR.
DOYENNE DU COMICE (A) PEAR.
FLEMISH BEAUTY (A) PEAR.
KIEFFER'S HYBRID (A) PEAR.
DUCHESS D'ANGOULEME (A) PEAR.
LOUISE BONNE DE JERSEY (A) PEAR.
SECKEL (A) PEAR.
BEURRE EASTER (W) PEAR.
P. BARRY (W) PEAR.
POUND (W) PEAR.
WINTER NELLS PEAR.
PETITE D'AGEN PRUNE.
TRAGEDY GERMAN PRUNE.
TENNANT PRUNE
PACIFIC PRUNE
SILVER PRUNE.
FALLENBUIR OR ITALIAN PRUNE.
GOLDEN PRUNE.
HUNGARIAN PRUNE.
APPLE OR ORANGE QUINCE.
CHAMPION QUINCE.
REA'S MAMMOTH QUINCE.
NEW WHITE NECTARINE.
BOSTON NECTARINE.
ALEXANDER'S EARLY PEACH.
CRAWFORD'S EARLY PEACH.
EARLY RIVERS PEACH.
GOLDEN CLING PEACH.
LEMON FREE PEACH.
ORANGE CLING PEACH.
FOSTER PEACH.
HALS'S EARLY PEACH.
MUIR PEACH.
SALWAY PEACH.
MISSION, OR CALIFORNIA GRAPE.

BLACK MOROCCO GRAPE.
MUSCAT OF ALEXANDRIA GRAPE.
ROSE OF PERU GRAPE.
SEEDLESS SULTANA GRAPE.
ISABELLA GRAPE.
SACRAMENTO RIVER GRAPE. A wild form possessing a very marked flavor, deliciously rich and musky, large size and quite firm. Recommended for experimental planting. Rooted cuttings, 25 cents each.

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NUT TREES.

50 Cents Each.

JAPANESE SWEET CHESTNUT.
JAPANESE MAMMOTH CHESTNUT.

JUGLANS NIGRA Linnaeus. The Black Walnut is a beautiful tree, now largely planted for the richly colored and valuable timber which it supplies. The nuts are oily and delicious.

JUGLANS CORDIFORMIS Maxim. A remarkable Japanese species, producing heart-shaped nuts, with large kernels, which are easily extracted entire when nuts are cracked. One of the finest flavored walnuts known.

JUGLANS HIEBOLDIANA Maxim. This species is found wild in Northern Japan and is without doubt as hardy as an oak. The leaves are of an immense size, measuring 3 feet long, and of a beautiful shade of green. The nuts are produced in extreme abundance, growing in clusters of 15 or 20, much resembling the pecan, thinner shelled than the Black Walnut, the sweet kernel with the flavor of a Butternut, but less oily, and much superior.

JUGLANS REGIA Linnaeus. The English Walnut or Madeira Nut. A tree of lofty growth, hardy and productive, valuable alike for its timber and its delicious nuts.

PARIENNE. A fine dessert nut.
FRANQUETTE. Very large walnut; sweet kernel.
MAYETTE. A fine commercial walnut; late bloomer.
CHABERTE. Soft shelled; late bloomer.
KAGHAZI. Late bloomer; nuts large, sweet and delicious.

GERMAN WALNUT. A very superior, large, thin-shelled variety, similar to the Kaghazi. A fine grower and a tremendous bearer, the very meaty nuts of rich, fine flavor.

PROEPARTURIENS. Rather dwarf growing; an excellent French walnut, commencing to bear at 3 years; nut large, soft shelled, of fine flavor.
Vegetable Seeds.

**PART 24.**

**Arlitchoke.**
GREEN GLOBE .......................................................... 5c per pkt; 30c per oz; 83c per lb.

**Asparagus.**
CONNOVERS COLOSSAL ............................................... 5c per pkt; 10c per oz; 50c per lb.

**Beans. Bush or Snap Beans.**
HENDERSON'S BUSH LIMA .............................................. 5c per pkt; 15c per lb.
EARLY RED VALENTINE ................................................ " "
CRYSTAL WHITE WAX ................................................... " "

**Pole Beans.**
KENTUCKY WONDER .................................................... 5c per pkt; 15c per lb.
LARGE WHITE LIMA ..................................................... 10c per pkt.
CHILIAN TREE BEAN ................................................... " 
MEXICAN TREE BEAN .................................................... " 

**Beets.**
EARLY EGYPTIAN ....................................................... 5c per pkt; 15c per oz; 50c per lb.
LONG BROAD RED ..................................................... " 

**Mangel Wurzel and Sugar Beets.**
ORANGE GLOBE MANGEL ................................................. 5c per pkt; 10c per oz; 40c per lb.
GOLD MAMMOTH ........................................................ " 
VILMORIN'S IMPROVED WHITE SUGAR ................................ " 
WANZLEBEN ............................................................... " 

**Broccoli.**
WHITE CAPE .............................................................. 5c per pkt; 10c per oz.

**Brussels Sprouts.**
DWARF IMPROVED ...................................................... 5c per pkt; 25c per oz.

**Cabbage.**
SUREHEAD ................................................................. 5c per pkt; 25c per oz; 75c per ½ lb.
IMPROVED AMERICAN SAVOY ........................................... " 5.50 per lb.
EARLY YORK .............................................................. " 
EARLY JERSEY WAKEFIELD ............................................ " " 
MARBLEHEAD MAMMOTH ................................................ " 
RED DUTCH ............................................................... " 

**Carrots.**
LARGE WHITE BELGIAN ................................................. 5c per pkt; 10c per oz; 60c per lb.
OXHEART ................................................................. 15c " 80c 

**Celery.**
WHITE PLUME ............................................................. 5c per pkt; 20c per oz.
GIANT PASCAL ........................................................... " 
BOSTON MARKET ........................................................ " 

**Cauliflower.**
EARLY SNOWBALL ....................................................... 15c per pkt; 30c per oz; 83c per lb.

**Sweet Corn.**
EXTRA EARLY CORY ..................................................... 5c per pkt; 20c per lb; 80c per 100 lbs.
PERRY'S HYBRID ........................................................ " 
BLACK MEXICAN ......................................................... " 
MAMMOTH SWEET ........................................................ " 
GOLD COIN ............................................................... " 

**Cucumbers.**
EARLY CLUSTER .......................................................... 5c per pkt; 15c per oz; 75c per lb.
IMPROVED LONG GREEN ............................................... " 
IMPROVED WHITE SPINE ............................................... " 
ESKIMO SANTA ........................................................... " 
GIANT PERA .............................................................. " 

**Cucumbers.**
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<tr>
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<th>Price Information</th>
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<td>BAY VIEW</td>
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<td>CUBAN QUEEN</td>
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<td>GOLDEN KOND or Yellow Melon</td>
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<td>GEORGIA RATTLESNAKE</td>
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<td>JUMBO</td>
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<td>GREEN AND GOLD</td>
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<td>Watermelon</td>
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<td>WHITE VELVET</td>
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<td>Peas</td>
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<td>MAMMOTH SILVER KING</td>
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**Notes:**
- Prices are in cents unless otherwise specified.
- Quantities and pricing vary by category and item.
Spinach.

SANDWICH ISLAND

Salsify or Oyster Plant.

Tomatoes.

IGNOTUM CURRANT TOMATO
MIKADO
GOLDEN QUEEN
YELLOW PLUM
PERFECTION
REDCHERRY
TREE TOMATO

Turnips.

IMPROVED AMERICAN RUTA BAG
EXTRA EARLY MILAN
EARLY FLAT DUTCH
WHITE EGG
LONG WHITE COWHORN
EARLY SNOWBALL

Herb Seeds.

ANISE
SWEET MARJORAM
CARAWAY
SWEET FENNEL
LAVENDER
ROSEMARY

Tobacco Seeds.

CONNECTICUT SEED LEAF
IMPORTED HAVANA

Grass and Clover Seed. New, Clean Seed.

ORKHARD GRASS
BERMUDA GRASS
PERENNIAL RYE GRASS
REDTOP GRASS
HUNGARIAN GRASS
KENTUCKY BLUE GRASS
WHITE CLOVER
RED CLOVER
JOHNSON GRASS

Miscellaneous Seeds.

KAFFIR CORN
RUSSIAN SUNFLOWER
SUGAR CANE
HICKORY KING CORN
EGYPTIAN CORN
COW PEAS, Clay Colored
WHIP POOR WILL PEAS
PEANUTS
VETCHES
JAPANESE BUCKWHEAT
SPURRY
AUSTRALIAN SALT BUSH

Flower Seeds.

SWEET PEAS, a selection of all the best sorts in a large packet, mixed
PANSIES.—Azure Blue; Black Blue; Bronze Color; Gold Margined; Striped; White; Yellow; Pea; Deep Scarlet; Bright Red; Purple Violet, Peacock Blue, Reddish Bronze.
PETUNIAS.—Double Large Flowering
MIGNONETTE—12 best mixed sorts.
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<tr>
<th>Flower</th>
<th>Price</th>
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<td>Balsam Flowers</td>
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<td>Hollyhock</td>
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<td>Lobelia—Mixed</td>
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<td>Hyacinth Bean</td>
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<td>Morning Glory—Mixed Sorts</td>
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<td>Alyssum</td>
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<tr>
<td>Columbine—Red, Blue and White; each</td>
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<td>Calliopsis, mixed</td>
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**Asters**

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<tr>
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**Cosmos**

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