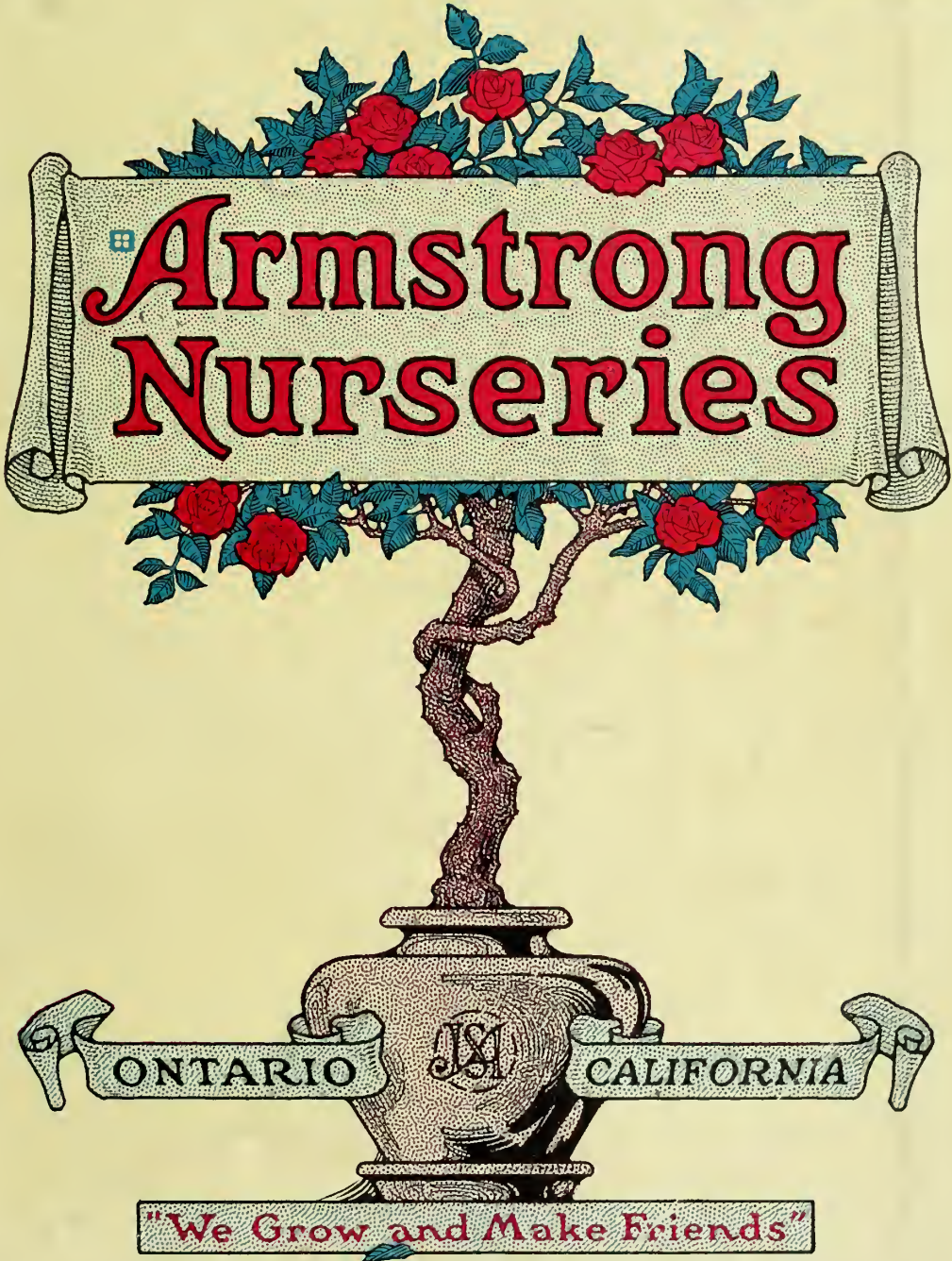


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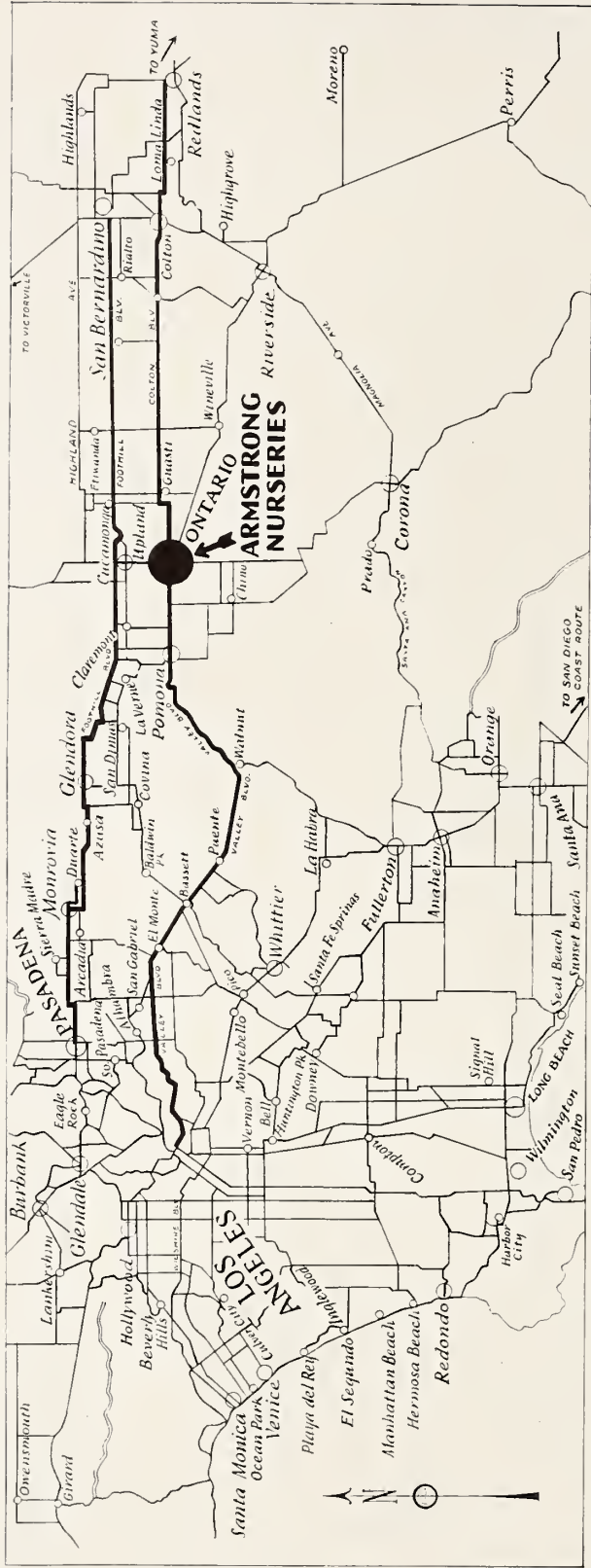
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"We Grow and Make Friends"

◆ ◆ ◆ Since 1890 ◆ ◆ ◆



How the Armstrong Nurseries Get to You

A fleet of covered trucks which protect the plants from sun and wind deliver Armstrong Nurseries products fresh from the soil in which they are grown, to all parts of Southern California, on regularly scheduled trips.

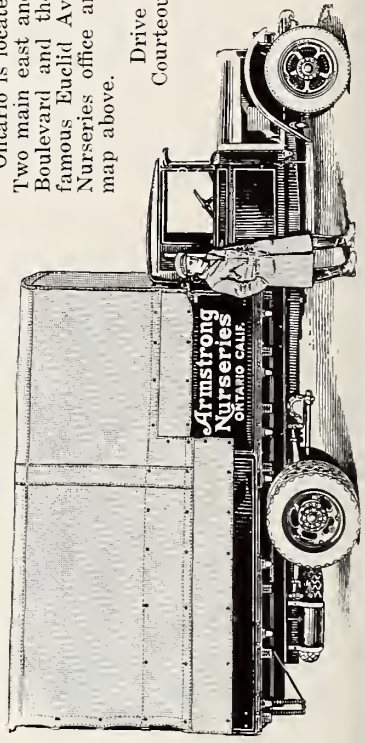
During the planting season loads are combined for each locality, at least one day each week, and our trucks are in the Los Angeles district nearly every day. To all points shown on the map above, and in addition all of Los Angeles County south of Saugus, we deliver orders of \$10.00 or more, free of charge. Orders under \$10.00 are delivered for a charge of 50c. Points between San Diego and Santa Barbara not shown on above map, are served by our trucks on weekly trips for delivery charges less than cost.


How to Get to the Armstrong Nurseries

Ontario is located 38 miles east of Los Angeles. Two main east and west boulevards, the Foothill Boulevard and the Valley Boulevard, cross the famous Euclid Avenue on which the Armstrong Nurseries office and salesyard are located. See map above.

Drive out—make your own selections. Courteous, experienced salesmen are in attendance to show you around our grounds and to give you such information as you may require regarding your planting. If you cannot do this, send your order by mail and we will fill it with greatest care.

Not Open Sundays



 Use other side of this order blank first.

AMOUNT BROUGHT FORWARD

TOTAL

Clerk's Check

Quantity

ARTICLES WANTED

Size

Price Each

TOTAL AMOUNT

Kindly fill in the blanks below with names and addresses of neighbors who would be interested in planting

NAME

Street, Postoffice Box or Rural Route and Box Number

Town and State



OFFICE AND SALES YARD, EUCLID AVE., D TO E STREET, ONTARIO, CALIF.

PLEASE OBSERVE WHEN ORDERING

USE THE ORDER SHEET. The order sheet is for your convenience. Its use will save both your time and ours, and will greatly reduce the possibilities of mistakes.

TERMS. Cash. Send postoffice or express money order, bank draft or check. No order will be sent C. O. D. unless accompanied by one-half the amount.

SHIPPING CHARGES. All charges for transportation by freight, express or truck collected at destination, unless arrangements are made to prepay shipment. Small orders of roses, deciduous fruit trees and plants in small pots may be forwarded by mail, and we ask that 10% of the amount of the order be included to cover postage on orders to be shipped to California, Arizona, Nevada and Utah; 20% on orders going to other states west of the Mississippi River; and 30% to all other points in the United States, Canada and Mexico. If charges are less than above, the balance will be returned when shipment is made. If in doubt as to best method of shipment, it may be left to our judgment.

SUBSTITUTION. Please state when ordering an assortment whether substitution will be allowed, as we feel at liberty, when no instructions accompany the order, to use similar varieties when we are out of the kinds named. We never substitute on large orders for commercial planting without consulting the customer.

PACKING. No charge is made for packing on retail orders to any point in the United States, Canada or Mexico. When extra packing is necessary for shipments to Foreign Countries, a charge is made only to cover cost of material.

INSPECTION. We guarantee all our shipments to pass inspection wherever shipped. On California shipments we notify the Agricultural Commissioner of the County of destination, of the contents, with the name of the party to whom shipped. The local inspector, according to law, must examine stock on arrival.

TRUCK DELIVERIES. A small diagram showing the location of your planting grounds with reference to a cross street on either side and nearest main boulevard will be of great help to our delivery men and enable us to serve you better. See inside front cover for further information.

GUARANTEE. The Armstrong Nurseries will exercise care to have all stock true to name, nevertheless it is understood and agreed that should any stock prove untrue to name, the Armstrong Nurseries shall be liable only for the sum paid for the stock which may prove untrue, and shall not be liable for any greater amount. The Armstrong Nurseries book all orders with the understanding that same shall be void if injury befall the stock from flood, drouth, frost or any other causes beyond their control.

Armstrong Nurseries

PHONE ONTARIO 102

ONTARIO, CALIFORNIA

Copyright, 1933, by John S. Armstrong



Select California Citrus Fruits

Citrus trees can be planted at almost any time during the year in California, although the spring months are preferable. The trees are usually supplied with a ball of earth on the roots but may be supplied with bare roots if desired. See note at bottom of opposite page.

With our careful methods of packing we ship citrus trees safely to any part of the world. For long distance shipment the earth is entirely removed from the roots and the tops cut back to reduce the weight, the trees carrying well for a number of weeks when handled in this way. Prices are the same for both bare root trees, which weigh 2 to 3 pounds each, and the balled trees, which weigh from 40 to 60 pounds each.

Ten assorted Citrus trees at the 10 rate:

	Each	Per 10
4 year, fruiting size, boxed.....	\$12.50	.....
2 year, 1-inch caliper.....	2.00	\$17.50
2 year, ¾-1 inch caliper.....	1.60	15.00
1 or 2 year, ¾-¾ inch caliper.....	1.35	12.50
1 year, ½-¾ inch caliper.....	1.25	11.00

Write for prices on 25 or more.

Oranges

Washington Navel. Easily heads the list of all oranges and by reason of its superiority, is largely responsible for California's world-wide citrus fame. The fruit is large with the characteristic navel at the blossom end and the quality excels that of any other orange. December to April.

Valencia. The Washington Navel and the Valencia are the two standard commercial oranges of California. As the Navel season closes in the late spring, the Valencias begin to ripen and are available throughout the summer and fall months. The medium-sized fruit is juicy and sweet, with few seeds, and the tree is the largest of all citrus varieties. Ripens April to October.

Lue Gim Gong. This variety resembles a high quality Valencia and ripens about the same time, but the color is a deeper orange-red and the fruit hangs on the tree much longer. The tree is very resistant to cold and is possibly the hardest of all the sweet orange varieties. April to December.

Mediterranean Sweet. A medium to large fruit, rich orange-yellow in color, and of excellent quality, ripening between the Navel and the Valencia, and a little hardier than either. March to June.



RUBY BLOOD ORANGES

The Flesh and Juice is Rich Blood Red

Ruby Blood. This is the best Blood Orange. Of medium size, round, very sweet and juicy. In mid-season the flesh is streaked with red and when fully ripe is blood-red, the color extending through the peel to show a red blush on the outside. The bright red juice is valuable for beverages, and the fruit meets any home use. February to May.

Thompson Navel. Similar to the Washington Navel, but matures about one month earlier, and has a thinner, smoother peel. Beautiful deep orange fruit of excellent quality. November to April.

The Finest Eating Orange

Carter Navel. Several years ago our attention was called to several trees of an especially fine type of the Washington Navel. We have observed this fruit for several years and we believe that for home use there is no better orange grown. The fruit is medium to large and has all the characteristics of the ordinary navel except that it has a very thin smooth skin, is much juicier and sweeter and has a wonderful flavor. The skin is too soft and tender to ship and keep well commercially, but there is nothing finer for the home planting. **Carter Navel trees can be supplied in all sizes given above, but the prices are 50c per tree additional.**

Trees Already Bearing

We call particular attention to the Fruiting Size Citrus Trees which are priced with the other grades. These are large four year old trees, with carefully trained heads, and most of them have already borne fruit. We have provided these extra sized trees for those planters who want immediate results both in appearance and in bearing. These trees are boxed, weighing 300 to 400 pounds each.

Grapefruit — Pomelo

Grapefruit are becoming more and more popular as a table fruit. They are easily grown with reasonable care in most of California.

Ten assorted Citrus trees at the 10 rate:

	Each	Per 10
4 year, fruiting size, boxed.....	\$12.50	.....
2 year, 1-inch caliper.....	2.00	\$17.50
2 year, ¾-1 inch caliper.....	1.60	15.00
1 or 2 year, ¾-¾ inch caliper.....	1.35	12.50
1 year, ½-¾ inch caliper.....	1.25	11.00

Write for special prices on 25 or more trees.

Marsh Seedless. All commercial plantings of grapefruit in California and Arizona are of this variety and it is superior to all others. The fruit is large and practically seedless, with a thin rind, abundant juice, and exceptionally fine flavor. The tree is a vigorous and compact grower and bears very heavily. Grapefruit in the Southwest are best when grown in the mild-wintered desert sections, the rind becoming thicker and the flavor less sweet nearer the coast, but in all locations, Marsh Seedless is the best variety. Ripens February to September.

Hawaiian Pomelo. A citrus novelty from the Hawaiian Islands. The fruits are of no value to eat but are enormous in size, almost one foot in diameter. The trees, which bear well, look like they were hung with pumpkins, and are guaranteed to make the Eastern tourists' eyes pop out.



At Left, Mr. J. S. Armstrong, President of the Armstrong Nurseries, Inspecting Heavy-Producing Washington Navel Orange tree in Grove from which Armstrong Buds are Taken.

The New Pink Grapefruit

THOMPSON GRAPEFRUIT. (Pink Marsh Seedless). A few years ago in Texas a limb was discovered on a Marsh Seedless Grapefruit tree which bore fruit with decidedly pink flesh, the color showing through as a red blush on the outside of the fruit. From this limb many trees have been grown and a number of plantings have been made in Texas and Florida. Due to quarantine regulations, propagating wood of this novel fruit has not been brought into California until recently.

We were fortunate enough to obtain some of the budwood when it was first brought in, and we have a limited number of fine trees of this pink-fleshed Grapefruit to offer this season. Due to the fact that there are no trees of this variety in California which are old enough to bear fruit as yet, we cannot definitely state how much color the fruit will have under our climatic conditions. We do not expect that it will show as much color as it does in Texas, but we are offering it as a novelty which may prove to be something decidedly different. And regardless of the amount of color that it may show, we think we can safely say that in every other way it will have the same high quality of the Marsh Seedless, since this variety is merely a sport of the true Marsh Seedless which is the world's finest Grapefruit.

Large, 1-year trees, \$3.00 each, \$25.00 per 10.

Limes

The Lime is the most compact package of highly flavored juice of any citrus fruit, and for this reason is most valuable for beverages. It thrives exceedingly well in California, but, as a rule, is more susceptible to frost than other citrus fruits.

	Each	Per 10
3 year, fruiting size, boxed.....	\$12.50	.....
2 year, balled.....	2.25	\$20.00
1 year, balled.....	2.00	17.50

Write for prices on 25 or more.

Bearss Seedless. This is a seedless form of the famous Tahiti Lime and is the largest and finest of all, the fruit resembling a small lemon. It is very juicy and has all of the good qualities one could ask for in a lime, its vigorous tree ripening large quantities of fruit in the summertime when limes are wanted.

Mexican. The strongly acid green fruits of small size, used in the soda fountains, are of this old standard variety. Largely planted commercially because of its heavy crops. A semi-dwarf tree, ripening fruits all through the year.

Rangpur. One of the hardiest of the limes, bearing extremely heavy crops of medium-sized fruit, with a deep orange-red skin and deep orange flesh; strong in acid, with a pleasant and agreeable flavor. In appearance, more like a tangerine than a lime.

Sweet Lime. While the fruits of this variety have the characteristic lime flavor, the juice is so sweet that it may be taken without sugar. Large and juicy.

Low Prices to Commercial Planters Never have we had a finer lot of Citrus Trees than this year, and we invite prospective planters to view the trees in the field. The prices on Citrus Fruit Trees have not been lower for many years and will probably not be as low again for some time to come. Armstrong Trees are priced low in accordance with present price trend. Write for quotations, naming quantity which you intend to plant.

No horticulturist appreciates the value of carefully grown nursery trees more than the California citrus orchardist. Armstrong Citrus Trees will meet every test that the most careful grower can apply. Our seed is the best that can be obtained. Our seedlings are rigidly graded and culled in the seed beds and in the nursery row. Many of our buds are furnished by the Fruit Growers Supply Company, and the rest are cut by ourselves in the finest orchards of their kind in Southern California from trees with a known high production record which we can furnish upon request.

For instance, all of our Marsh Seedless Grapefruit trees for this season were grown from buds cut from the famous grove of Colonel Bumstead in Phoenix, Arizona. The parentage and production record of all trees that we furnish for commercial planting will be supplied to the purchaser upon request.

Lemons

One or two lemon trees will supply the household with an abundance of juicy, beautiful fruit, and there are so many uses for lemons that no home garden should be without a tree. Lemon trees are not quite as hardy as orange trees, but for home use may safely be planted anywhere except in the very cold interior districts.

Ten assorted Citrus trees at the 10 rate:

	Each	Per 10
4 year, fruiting size, boxed.....	\$12.50	.....
2 year, 1-inch caliper.....	2.00	\$17.50
2 year, ¾-1 inch caliper.....	1.60	15.00
1 or 2 year, ⅝-¾ inch caliper.....	1.35	12.50
1 year, ½-⅝ inch caliper.....	1.25	11.00

Write for prices on 30 or more.

Eureka. The leading lemon for both commercial and home planting; fruit uniform, of medium size, of the highest quality. The seeds are few and the juice is abundant. The tree is almost thornless. It bears continuously all through the year and ripens most of its fruit in the summer.

Lisbon. A very large, heavily foliated, but thorny tree, somewhat hardier than other varieties. The fruit is of medium size, with few seeds, abundant juice, and superior quality. December to May.

Ponderosa. A novelty fruit for home planting, the fruit attaining enormous size, often 12 inches in circumference. The tree is dwarf, quite hardy, and the fruit is of good quality. Usually bears the first year and throughout the year thereafter.

Villa Franca. Several types of Villa Franca lemons are extant. Our trees are grown from buds selected from trees of the thornless, open, fruitful type. Fruit of superior quality, large and juicy. Ripens from December to May.

Sweet Lemon. Strange as it may seem this variety resembles an ordinary lemon in tree and fruit, but the abundant juice is sweet. A novelty desired by many people for juice purposes.

Tangerines

Ten assorted Citrus trees at the 10 rate:

	Each	Per 10
4 year, fruiting size, boxed.....	\$15.00	.....
2 year, balled.....	2.00	\$17.50
1 year, balled.....	1.50	12.50

Write for prices on quantities.

Our Favorite Tangerine

Algerian. We particularly like to recommend this splendid Tangerine. In the first place, it is one of the most beautiful citrus trees in cultivation, with its dark green, glossy, compact head of foliage. The fruit is most attractive as well, being a rich deep reddish-orange in color, sweet and mild in flavor, and it is particularly valuable because it ripens early in the winter, several months earlier than Dancy. For the coastal area or for the hottest interior valleys Algerian will give splendid satisfaction. December to March.

Dancy Tangerine. This is the leading commercial Tangerine and the most popular of the Mandarin family, a medium to large fruit, intense orange red in color, firm in texture, flattened in shape, exceedingly juicy and highly flavored. The tree is a strong grower and very prolific. February to May.

Satsuma (Owari). The hardiest orange that we grow, and for this reason can be planted where other citrus fruits will not succeed. Fruit is large, flattened; deep orange in color, with a thin rind that peels off very easily, and the fruit is sweet, tender and juicy. The tree is semi-dwarf and of spreading habit, with heavy, dark green foliage, bearing while very young. November to April.

Willow-leaved Mandarin. In this variety we have the most beautiful of all the citrus trees, with its dense, dark green, willow-like foliage in a dense, symmetrical head. The medium-sized fruit is deep yellow, with very thin skin and a most delicious spicy aromatic flavor which is not excelled in any other tangerine. January to May.



THE HEAVY-BEARING KING ORANGE

This Shows the 4-Year Fruiting Size Which We Offer in Nearly All Citrus Varieties.

King. A very high quality Mandarin-orange, particularly well known in Florida, but thriving just as well in California. The fruit is very large, often as much as five inches in diameter, with a rough, thick peel which adheres loosely to the flesh. Deep orange in color, very few seeds, and a most delightful flavor. March to August.

Hardest, Most Ornamental Lemon

Meyer Lemon (Chinese Dwarf Lemon). This splendid semi-dwarf lemon was introduced from China a few years ago and we consider it to be one of the finest hardy citrus fruits for all of California. It starts to bear the second year, and has large, almost round, deep orange fruits of beautiful appearance which look almost like oranges but which will equal in quality the finest lemons of any other variety. It is quite hardy, much more so than any of the other lemons, and makes a beautiful ornamental tree when hung with its rich orange fruits. Thrives either on the coast or in the hottest interior valleys.

Because the Meyer Lemon makes such a beautiful ornamental tree we have trained these plants into low compact bushy specimens and have placed them in small boxes so that they can be easily handled with all of the foliage on them. The plants are already fruiting and may be grown in tubs for ornamental use or placed in the ground. They make a beautiful hedge which can be trimmed to any desired height, and the plants are laden at all times during the year with both the beautiful golden fruit and fragrant blooms, the flowers being larger and more fragrant than those of the Orange.

In 10-inch boxes, 18-24 inches, bushy, \$2.50 each. In green redwood tubs, \$1.25 each additional.



WEKIWA TANGELOS

Sweet, Delicious, Pink-Fleshed, a Never-Failing Bearer

Tangelos

The Tangelos are new citrus fruits originated a few years ago by scientists of the U. S. Department of Agriculture by crossing the Tangerine and the Pomelo, producing a number of hybrids varying in characteristics, but all retaining the best qualities of their parents. They are remarkably fine for home use. They are beginning to acquire some importance as a commercial fruit and the few which have reached the markets have been sold at a very high price. They are very easily grown, bear very heavy crops, and come into bearing very young. When planted for home use we guarantee they will be enjoyed immensely by the entire family and will often be chosen in preference to the finest oranges.

	Each	Per 10
4 year, fruiting size, boxed.....	\$12.50	.....
2 year, balled.....	2.25	\$20.00
1 year, balled.....	2.00	17.50

Sampson Tangelo. The best known of the Tangelos and one of the best. The fruit is round, of medium size, golden yellow in color, and with a distinct and pleasant flavor of its own. The fruit colors early but should not be picked until sweet, which is usually not until early spring. Bears heavy crops within two years after planting. February to April.

Thornton Tangelo. A splendid hybrid, leaning toward the Tangerine in characteristics, with an irregular shape and rough skin of a beautiful deep golden orange color. Sweet and delicious in flavor, ripening several months before Sampson. December to March.

The New San Jacinto Tangelo

San Jacinto Tangelo. This is the first time that that this new Tangelo has been offered for sale. The original tree, growing with other Tangelos at the U. S. Experiment Station, Indio, California, has produced such exceptionally fine fruit that it promises to be one of the finest of the Tangelos for California planting. This fruit is large, almost round, smooth, and a beautiful orange-yellow color. It is very juicy and tender and its sprightly sub-acid flavor gives it a distinct character. Ripens early with Thornton, and from what we have seen of it, we can highly recommend it.

X Wekiwa Tangelo. We have offered this fruit for the past two years under the name Tangelolo since it is a Tangelo crossed back again on a Tangerine. The most distinctive character about the fruit is the light pink color of the flesh, although it is also unique for the extreme earliness of its fruit, which are medium size, bright yellow in color. The flesh is extremely sweet and very pleasantly flavored, and we would plant it to be one of the most popular of the Tangelos. The tree is a strong grower and a very heavy bearer. November to January.

Eustis Limequat

The Eustis Limequat is one of the finest small citrus fruits. It is a cross between the lime and the kumquat and we believe that we are the first to offer this fruit for planting in California. The fruit resembles a beautiful light yellow lime. It is thin-skinned, firm, very juicy, almost seedless, and is delicious when used like the Lime, for beverage purposes.

The tree is of medium size, of rapid upright growth, with small pointed leaves, and it will produce fruit almost immediately after planting, bearing very heavy crops and ripening fruit through almost six months of the year. Unlike the lime, it is quite hardy and is not damaged by temperatures as low as 20 degrees. It is a novel sight to see the arching branches so thickly hung with fruit that they bend over toward the ground.

2-year trees, \$2.50 each; 1-year trees, \$2.00 each.

Kumquat

Nagami Kumquat. The smallest citrus fruit, the most ornamental, and possibly the hardiest in general cultivation. The tree is semi-dwarf, of round symmetrical shape, and when literally covered with its small, olive-shaped golden fruits in the winter is a novel and beautiful sight. The fruit makes the very finest marmalade and candied fruits. Bears immediately after planting and is hardy anywhere in the coastal or valley regions of California. Does not bear so well immediately on the coast.

4 year, boxed.....	\$12.50
3 year, fruiting size.....	2.50
2 year, bushy.....	2.00

Citron of Commerce

Citron of Commerce. The fruit from which the candied Citron Peel of Commerce is made. Large conical fruit with an exceedingly thick, rough furrowed rind. 2 year trees, \$2.50 each.



TREE OF SAMPSON TANGELO
Only Four Years Old and Loaded with Fruit

Select California Avocados

The King of Salad Fruits

Each year in thousands of additional homes the avocado is becoming a staple article of diet. If varieties of suitable hardiness are planted, Avocado trees will thrive and bear in almost any section of California except the mountain and desert regions, and they are so handsome in appearance that they are worth having on the home place for their ornamental value alone.

The ripening date given for each variety is only approximate since the exact time of ripening varies with the location. Avocados ripen earliest in the extreme southern portion of the state and latest in the northern portion. A little care in the selection of varieties will insure ripe Avocados during every month in the year. If planters are not sure which varieties will be most satisfactory in their location, we will be glad to make the selection.

Our Avocado trees are all grown upon selected hardy Mexican seedlings and we use the utmost care in the selection of the buds. We have specialized in avocados since the industry started in California and there is no better nursery stock in the state than ours. All trees are shipped with balls of earth on the roots except for long-distance shipments, in which case the trees are usually handled with bare roots, packed in moss, the tops cut back.

Planting instructions will accompany every shipment of Avocado trees and also a yucca tree protector for covering the trunk of each tree.

Thick-Skinned Avocados

Most of the varieties of this group are of Central American origin, having thick shell-like or leathery skins and it includes the commercial sorts for long distance shipping. They are comparatively tender but will grow wherever the Lemon thrives and are not injured by temperatures above 30 degrees. As a rule, they do best near the coast.

Balled, field grown, weight 60 to 100 lbs.

Ten assorted Avocados at the 10 rate.

	Each	Per 10
5 to 6 feet.....	2.00	17.50
4 to 5 feet.....	1.75	15.00
3 to 4 feet.....	1.50	12.50
2 to 3 feet.....	1.25	11.00

Lyon is 50c per tree higher than above prices.

Write for prices on 25 or more trees.

Anaheim. Fruit oval, glossy green, 18 to 24 ounces; a fine home fruit and being planted to a considerable extent commercially in coastal districts. A tall slender tree suitable for interplanting. June to September.

Benik. There is no finer variety in the list, and it is a heavy consistent bearer. Roughly pear-shaped; weight one pound; purplish maroon in color. A remarkably fine summer fruit for home use or commercial trial. May to August.

Cantel. A large, round, one-pound fruit with a pebbled green skin. The seed is very small for the size of the fruit and the quality is unusually high. The large spreading tree is an enormous bearer. August-Sept.

Carlsbad. A new fruit which has shown up very favorably in the coast districts. It is a pear-shaped, one-pound fruit, smooth-skinned, mahogany-purple in color, and of delicious flavor. Very prolific. March to July.

CALIFORNIA'S THREE LEADING AVOCADOS

For home or orchard planting, these three kinds are the best. Fuerte and Puebla, however, should not be planted where the minimum temperatures go below 26 degrees, while Nabal is slightly more susceptible to frost.

Fuerte. By far the finest avocado for commercial or home planting in California, attaining that position because of its uniformly high quality, all other varieties being judged in comparison with it. The only avocado which has an unqualified endorsement as a commercial variety by the California Avocado Association. The fruit is elongated and pear-shaped, of medium size, with a smooth green leathery skin which separates readily from the creamy yellow, buttery flesh. The tree is large and spreading and ripens its fruit in the winter, although it usually can be picked from late fall until early spring, the fruit hanging on for a long time after ripening. It is thought to be a hybrid between the Guatemalan and Mexican races of avocados and combines the good qualities of both.



ARMSTRONG TREES READY FOR DELIVERY
Note the Vigorous, Stocky, Thrifty Appearance.

Dickinson. A medium size oval fruit with a thick, rough, pebbled, dark purple skin. It is one of the most consistent heavy bearing varieties, and the quality is of the very highest. Does not keep well when shipped East, and we recommend it for home use and local markets only. March to August.

Itzamna. A splendid new Guatemalan fruit which looks remarkably good. Pear-shaped; 14 to 16 ounces; light green skin; excellent quality, and adaptable for home use and local markets or shipping. Tall, spreading, rapid growing tree. August to October.

Linda. The largest Avocado commonly grown in California, averaging 2 pounds; round, with a rough purple skin, and its immense size does not detract from its quality, which is very high. The tree has very beautiful bronze foliage, but should only be planted in the warmer sections. May to October.

Puebla. The largest and finest of all Mexican thin-skinned varieties, but not as hardy as the majority of this race. Oval fruit; 8 to 12 ounces; deep maroon purple in color. Its smooth, yellow buttery flesh is exceptionally rich and fine. It is an extremely heavy bearer, more so than either Fuerte or Nabal, and it has no equal for beautiful appearance of tree and fruit. November to February.

Nabal. Whereas both Fuerte and Puebla mature in the winter, Nabal is a summer fruit, and although comparatively new, it now ranks second to Fuerte as a commercial variety. Fruit round, 16 to 20 ounces, with a smooth leathery green skin and small seed. The tree is large and wind-resistant and seems to be very consistent in its bearing qualities. June-July.

For Immediate Fruiting, Try Lyon

Lyon. For early and prolific bearing, the Lyon has no superior since it usually bears the second year after planting. For quality also, there is nothing better. Fruit large, 18 ounces; pear-shaped, with a rough green skin. The tree is an upright, exceedingly slender grower, requires very little space and is suitable for inter-planting. The trees are difficult to propagate and are always scarce. The price is 50c per tree higher than quoted above. May to July.

Mayapan. Nearly round, averaging 1 pound; brownish purple, with a thick skin, and of very fine quality. One of the heaviest and most consistent bearers in all sections, and the fruit seldom blows off in the wind. Tree is tall and slender. May to August.

Panchoy. A large two-pound, pear-shaped, green fruit, with a small seed, of excellent quality. The beautiful, big, large-foliaged tree is very handsome and comes into bearing early. June to August.

Princess. A green, pear-shaped fruit weighing about one pound. The fruit is of such high quality and the appearance is so good that it deserves a thorough commercial trial. August to October.

Queen. Very large, pear-shaped fruit, weighing 1½ to 2 pounds; purplish maroon in color, and because of its extremely high quality, it should be in every coastal planting. A beautiful spreading but rather tender tree. March to October.

Fruiting Size Avocado Trees

We have selected the largest trees in our Avocado Nursery, ranging from 6 to 9 feet in height, and have placed them in large 18-inch boxes. When handled in this way, we can leave all of the branches and foliage on the trees and can get more of the small roots when they are dug, so that the tree keeps right on growing when transplanted.

We are providing these trees for those planters who want big trees and quick results and they are well worth the additional cost.

Only Fuerte and Puebla available in this size. Price on large boxed trees, \$10.00 each.



FUERTE AVOCADO TREE

Results Like This Obtained Quickly With Armstrong Trees. Note What a Beautiful Ornamental Tree the Avocado Makes.

Thin-Skinned Avocados

The thin-skinned Mexican Avocados are quite hardy and usually need no protection unless the thermometer goes below 23 degrees. They are therefore best for planting in the interior valleys and may safely be grown wherever oranges succeed.

The fruits are smaller than the thick-skinned kinds and because of their thin skins they are not suitable for long distance shipping.

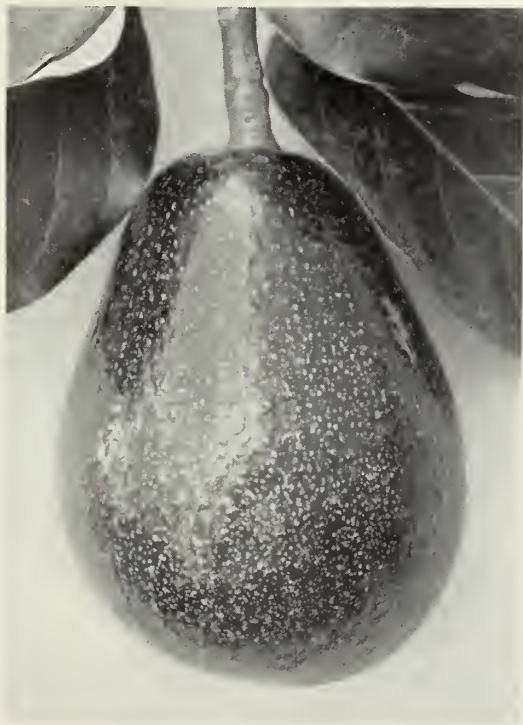
Balled, field grown, weight 60 to 100 lbs.

Ten assorted Avocado trees at 10 rate.

	Each	Per 10
5 to 6 feet.....	2.00	17.50
4 to 5 feet.....	1.75	15.00
3 to 4 feet.....	1.50	12.50
2 to 3 feet.....	1.25	11.00

Write for special price on 25 or more trees.

See other Hardy Avocados on next page.



PUEBLA AVOCADO

Our Choice for a Home Avocado

We recommend that one or both of the following two varieties be included in every home planting, particularly in the colder interior districts and in the central and northern portion of the state. In the first place, they are quite hardy almost anywhere, resisting both heat and cold, and in the second place, they bear large crops consistently every year. In addition to these qualities, the trees are vigorous and beautifully foliaged.

Duke. An oval, green fruit which looks like a small Fuerte and is larger than the average thin-skinned Avocado. There is nothing finer for home use and the fruits sell well in the local markets. September-October.

Ganter. A medium-sized, oval, green-skinned fruit of exceptional flavor and quality. You will never lack fruit in its season. October to December.



CALIENTE AVOCADOS

The Tree Bears Immense Crops Every Year.

Hardy Thin-skinned Avocados (Continued)

Blackbird. The earliest thin skin on our list and an exceptionally good hardy Avocado for home planting. Fruit elongated oval, of medium size with a beautiful glossy purplish-black skin. Mild and pleasant flavor. August to October.

Caliente. For bearing qualities this hardy variety has no equal because it starts to produce almost immediately after planting and the trees are heavily loaded with fruit each year thereafter. The purple fruits are larger than most thin-skinned kinds, and although the quality is not of the highest, it is very popular with planters who want fruit and lots of it. September-October.

Mexicola. Possibly the hardiest variety we grow and one which can be counted on to bear consistently, nearly always fruiting the second year after planting. The fruit is small, dark purple, of excellent quality and fine for home use. September.

Topa Topa. Along with Duke and Puebla one of the best thin-skinned fruits for local markets because of its large size, handsome appearance and good quality. The fruit is elongated, 6 to 10 ounces, with a glossy skin. September to December.

Chinese Lychee Nut

(Litchi chinensis)

The famous "Lychee Nut" in its dried form is familiar in this country as the favorite New Year gift of the Chinese. When freshly picked from the attractive little evergreen tree, it is one of the most delicious of all fruits. The trees are quite tender and can only be planted in sheltered positions in California. For frostless locations, it is one of the most interesting trees that can be grown in a California garden.

Grafted trees, 12 to 18 inches, \$4.50 each.

Mangos

Only a few trees of the Mango are now growing in California, but some of them are bearing very good fruit. The tree is very tender and should be planted only in protected frostless locations.

Cambodiana. Long, yellow, delicious fruits, the earliest to ripen. Large grafted plants, 2-3 ft., \$5.00 each.

Haden. The finest Mango grown in Florida, beautiful in appearance, with scented aromatic flesh. Large grafted plants, 3-4 ft., \$6.00 each.

Olives

Olives will do well almost anywhere in California and will thrive with a minimum of care and water. With their soft gray-green perpetual foliage, they make an attractive ornamental and give that exotic, sub-tropical effect which is part of our California landscape.

Olive trees are sold by caliper rather than height, because it is necessary to prune the trees back rather severely when digging and shipping, and the trees are shipped with bare roots. For ornamental planting, however, all the top may be left on if desired, and in this case the trees are shipped with a ball of earth on the roots.

	Each	Per 10	Per 100
1-in. caliper (6-8 ft.).....	\$2.00	\$17.50	\$150.00
¾ - 1 in. caliper (5-6 ft.).....	1.75	15.00	125.00
½ - ¾ in. caliper (4-5 ft.).....	1.25	11.00	90.00
½ - ½ in. caliper (3-4 ft.).....	1.00	9.00	75.00

Balled trees with the top left on, \$1.00 per tree additional in the 6-8 foot size, and 50c per tree additional in the two smaller sizes.

Write for prices on 250 or more.

Ascolano. Larger than any other variety grown in California. The big, oval, wine-colored fruit makes a wonderful pickle. Tree large and vigorous.

Manzanillo. The rich dark purple fruit is a little larger than Mission and of splendid pickling quality. The large, vigorous, spreading tree ripens its fruit early, avoiding fall frost.

Mission. The well-known variety introduced by the Spanish Padres. Large trees of this variety are still bearing fruit at some of the old Missions in California. A handsome tree for ornamental planting. The large, richly flavored fruit is deep purple turning to jet-black.

Sevillano. This is the famous variety imported from Spain under the name "Queen Olive," and in California the fruit attains even greater size than in Spain. Makes the very finest pickled ripe Olives. Difficult to propagate, therefore, priced at 25c per tree more than above.

Beromi. A new Olive introduced a few years ago from Algeria which has shown that it will probably bear larger and more regular crops than any other olive we now grow. The fruit is of good quality and because of its extraordinary crops it is worth consideration.

Large Olives for Landscape Planting

We have selected some of the finest trees from our fields and placed them in large boxes for those planters who wish an immediate effect in the landscape planting. These are beautiful bushy trees and may be supplied in three varieties: Ascolano, Manzanillo, and Mission.

	Each
Boxed, 10-12 feet, 3-4 inches in caliper.....	\$20.00
Boxed, 8-10 feet, 2½-3 inches in caliper.....	15.00
Boxed, 7- 8 feet, 2-2½ inches in caliper.....	10.00



CHINESE LYCHEE NUTS

A Novel Fruit for Frostless Situations

Delicious Sub-Tropical Fruits



CHERIMOYA

The Delicious Creamy-Fleshed Custard Apple

Cherimoyas

The Cherimoya is considered by many to be the finest of the sub-tropical fruits. The large heart-shaped fruit is borne on a small tree which seldom attains a height of more than 20 feet. The fruit is green in color with many small rough protuberances on the outside, while the flesh is smooth, white and of a custard-like consistency, giving the tree its common name of Custard Apple. Chilled, cut in half and eaten with a spoon there is no finer breakfast or dessert fruit grown in California. It is not a fruit that one has to learn to like. You will fall in love with it at first taste.

Cherimoyas should not be planted where the temperature goes below 25 degrees but they will stand light frosts without serious injury. We have no hesitation in recommending Cherimoyas as a commercial fruit because they keep and ship well and already there is a large demand for them in the fresh fruit markets.

Budded trees, 3 to 5 feet in height, \$2.50 each; \$22.50 per 10.

Booth. Medium to very large fruits weighing about three pounds each. The skin is smoother than on most cherimoyas.

Whaley. Very similar to the above but with more prominent protuberances on the fruit. There is very little choice between these two.

Deliciosa. Smaller fruit than the above two but produces more of them.

Sapota

The White Sapota is a strong growing evergreen of spreading habit with large divided leaves. It thrives anywhere in the milder coastal and foothill regions of California and is about as hardy as the orange. It is said to be one of the best fruits for people with weak digestive systems and the natives of Mexico, from which country it comes, claim that it induces sleep.

Wilson. We consider this to be the finest Sapota that we have seen in California. The fruit resembles a large green apple and the delicious melting flesh has a rich peach-like flavor. The bearing qualities may be judged from the fact that last season the parent tree had more than five thousand fruit on in various stages of development at one time and ripe fruit may be picked during eight months in the year. In 5-gal. containers, 3 to 4 feet, \$3.00; in 6-inch boxes, 2 to 3 feet, \$2.50.

Every home planting in San Diego, Orange, Los Angeles, Ventura, and Santa Barbara Counties should include one or more Cherimoyas. It is one of the finest and yet one of the most overlooked fruits in California.

Loquats

(*Eriobotrya japonica*)

The Loquat is much hardier than most other sub-tropical fruit trees and thrives almost anywhere in California except in the mountain and desert regions, doing best near the coast. Loquats ripen in early spring when other fruits are scarce, and everyone enjoys their delicious aromatic flavor, while Loquat jelly is just about the most delicious thing of its kind. Aside from its fine fruit, the Loquat is a splendid evergreen tree for ornamental purposes.

Ten assorted Loquats sold at the 10 rate.

	Each	Per 10
Boxed, fruiting size.....	\$10.00	.....
Balled, 4 to 5 feet.....	3.00	\$27.50
Balled, 3 to 4 feet.....	2.50	22.50
Balled, 2 to 3 feet.....	2.00	17.50
Balled, 1½ to 2 feet.....	1.50	12.50

Advance. One of the best Loquats for general use; large, pear-shaped, deep yellow fruits in big clusters; with delicious juicy white flesh. Ripens March to June.

Champagne. The individual fruit is larger than the Advance, and of the very finest quality, but it does not bear quite so heavily. Very juicy and sweet.

Early Red. Yellowish-orange fruit, tinged with red; sweet, juicy, pale orange flesh. The earliest to ripen. February-April.

Thales. The above kinds are Japanese varieties whereas this is a Chinese fruit. Exceedingly large, deep orange in color, and differing from the others in its rich orange flesh which is exceedingly firm, rich, and sweet. Ripens late and thrives only in the coastal counties. May and June.



CHAMPAGNE LOQUAT

Delicious Fruits of Early Spring



BEARING PAPAYA
The Melon that Grows on Trees

Papaya

The Papaya is one of the most delicious table fruits of the tropics and while too tender for most of California, it will grow and bear fruit in sheltered, frostless locations. The plants grow with great rapidity and should bear their large, luscious, melon-like fruits within two years. The Papaya is more like a giant herbaceous plant than a tree and has a luxuriant tropical palm-like appearance with very large leaves 1 to 2 feet across, at the top of the large unbranched trunk. It requires a warm, sunny, well drained location, with plenty of water and fertilizer. The plant must be kept growing rapidly in order to be a success. We cannot guarantee them to be successful since there are only a comparatively few locations where they will thrive in California, and a few days of unfavorable conditions will ruin them, but they are a very interesting fruit to have. The fruits contain a large amount of pepsin and are said to be exceedingly beneficial to the digestive system.

Since the male and female flowers are borne on separate plants and there is no way of determining the sex in advance, at least three plants should be planted out together in order that at least one of each sex will be present.

Plants in 6-inch pots, 2 to 3 feet in height, \$1.00 each; \$9.00 per 10.

Carob — St. John's Bread

(*Ceratonia siliqua*)

The Carob is now recognized as one of the best evergreen shade and street trees for California (see page 48). Seedlings are usually planted for ornamental purposes, but such trees may or may not bear the characteristic seed pods, since usually male and female flowers are borne on separate trees.

These long, dark brown pods contain a sweet pulp, have long been used for stock food and are now made into a healthful flour for human consumption. The "locusts" which St. John the Baptist ate in the wilderness were Carob pods.

Bolser. This variety has perfect flowers (both male and female), and produces large crops of pods showing an analysis of 52 per cent sugar. The tree makes a beautiful ornamental.

Budded trees, 3 to 4 feet, \$3.00.

For Seedling Trees see page 52.

Passion Fruit

While scattered plants of the Passion Fruit have been grown here and there throughout the state for a number of years, it is new in that only recently have its commercial possibilities for California been realized. In Australia the Passion Fruit is largely grown on a commercial scale, and it should be as successful here.

It is a strong, rapid growing, evergreen, climbing vine which attains maturity in two years and bears large quantities of glistening purple fruits about the size of a hen's egg. These fruits are exceedingly fragrant and aromatic and may be eaten fresh or made into any one of innumerable by-products such as flavorings, syrups, jellies and ice cream.

Passion vines should be grown on strong trellises commercially and planted about ten by ten feet. They make a beautiful ornamental vine for fence or pergola around the home and will do well in any good, well drained soil. The vines are hardy and will be damaged only by severe frosts.

Plants in gal. containers, 50c each, \$4.50 per 10; in 4-inch pots, 35c each, \$2.50 per 10, \$20.00 per 100.

Giant Mammoth Passion Fruit

This giant fruited variety of the Passion Fruit is called the *Granadilla* in Australia. The vine grows much like the above variety, but the fruits are enormous, often 6 or 8 inches long, cream colored on the outside. Gal. containers, 75c.

Australian Nut

(*Macadamia ternifolia*)

An evergreen sub-tropical nut tree from the Eastern coast of Australia. It is a beautiful ornamental tree with a dense rounded head of long narrow dark green leaves and attains a height of 20 to 35 feet. The nuts are about 1 1/4 inches in diameter, round and hard shelled with a tender white kernel very rich in oil.

The trees begin to bear in 5 to 6 years from planting and usually bear good crops. It is healthy and vigorous and does not require more than ordinary care. Even when young the trees are not damaged by temperatures higher than 26 degrees.

For ornamental planting alone the *Macadamia* is a beautiful tree, and when its valuable nut crop is taken into consideration, it should be generally planted. 5 to 6 feet, \$4.00 each; 1 1/2 to 2 feet, \$2.00 each.



AUSTRALIAN NUTS

Delicious Nuts on a Beautiful Evergreen Tree

Natal Plum

(*Carissa grandiflora*)

Uniquely beautiful in flower, fruit, and foliage is this lovely shrub from South Africa. The thick mass of rich glossy green foliage makes a splendid background for the large, star-like, intensely fragrant, white blossoms and the brilliant scarlet fruits which are about the size of a date or larger. The fruits and flowers appear at almost all times during the year and the plant naturally grows to a height of 6 or 8 feet with the same spread, but may be trimmed lower if desired. The fruits are edible, and when cooked, they make a delicious sauce something like cranberries.

The plant is quite hardy in all but locations where very heavy frosts are experienced. It thrives in extreme heat, and because of its dense, glossy foliage and the large, white, fragrant flowers, it would be a valuable ornamental even without its beautiful fruit. Gal. containers, 1 to 1½ feet, 50c each, \$4.50 per 10; 4-inch pots, 35c each, \$3.00 per 10.

Guavas

For eating fresh and for jelly the Strawberry Guava is one of the finest small fruits that can be grown in California, and its relatives, the Yellow Strawberry Guava and the large Lemon Guava, are also very valuable for the same purposes. They all make very handsome ornamental shrubs with their beautiful evergreen foliage, and the two smaller Guavas make a remarkably fine medium-sized hedge. The fruit ripens September to November.

Strawberry Guava. A fine glossy-leaved shrub or small tree, which produces an abundance of luscious fruit about the size of a large strawberry; round and deep reddish-brown color. The fruit is highly prized for eating when fresh, and for jams and jellies has few equals. Hardy and easily grown. Balled, bushy, 2-3 ft., \$1.50 each, \$12.50 per 10; gal. containers, slender, 1 to 2 feet, 50c each, \$4.50 per 10.

Yellow Strawberry Guava. Similar in habit of growth to the above, but the fruit is greenish yellow in color, is larger and milder in flavor. Very fine for eating fresh. Balled, broad and bushy, 1½ to 2 feet, \$1.25 each, \$11.00 per 10; gal. containers, 1 to 2 feet, 50c each, \$4.50 per 10.

Lemon Guava. The largest of the Guavas, the fruit often attaining the size of a pear, and the plant grows rapidly into a bushy shrub, 6 to 8 feet high. Fairly tender. Gal. containers, 2 to 3 feet, 50c.

Sapodilla

The Sapodilla (*Achras sapota*) is a handsome, slow growing, evergreen tree which attains large size in the Tropics but which can withstand only very little frost and must be planted only in favorable locations in Southern California. The fruit resembles an apple with a russeted thin skin and yellowish, spicy, sweet flesh. 8-inch pots, 12 to 18 inches, \$1.75 each.

Pineapple Guava — Feijoa

This attractive tree or large shrub attains a height of about 15 feet, but can be made into a smaller compact shrub by pruning and can be used for a large hedge. The upper side of the leaves is glossy green and the lower side silver-gray, while the showy flowers are whitish purple with conspicuous red stamens. The oval or round fruit is delicious to eat and has a penetrating and delightful aroma which lasts for days and is suggestive of pineapple, strawberries and bananas. A bowl of fruit in the house will fill the room with delicate fragrance.

The plant is quite hardy almost anywhere in California and withstands temperatures down to 10 degrees without injury. It grows rapidly and the foliage, flowers and fruit combine to make it an interesting plant at all times. We know of no one California shrub which has so many valuable characteristics and so thoroughly pleases all the senses with beautiful appearance, delightful aroma, and delicious flavor.

Prices on all grafted Feijoas

	Each	Per 10
3 to 4 feet, balled.....	\$2.25	\$20.00
2 to 3 feet, balled.....	1.75	15.00
1½ to 2 feet, balled.....	1.50	12.50
12 to 18 inches, quart containers.....	1.00	9.00

Choiceana. We have coined this word, pronounced Choic-e-ana, for this variety, because the fruit is indeed choice and has a pleasant banana flavor. The fruit is the size of a large hen's egg, 3 inches by 2¼ inches. This variety is the very finest Feijoa, but another variety or a seedling must be planted with it to insure cross pollination and a resulting good crop. Ripens in October and November.

Coolidge. A long oval fruit, not quite as large as Choiceana or Superba, but which never fails to bear a crop even when planted by itself because the flowers do not need cross-pollination. If planting but one plant, we recommend this variety, which will not fail to produce a crop every year.

Superba. Similar to Choiceana, but the fruit is almost round.

Seedlings. Suitable for ornamental plantings and often bear crops of good fruit, but there is no certainty as to its size or quality. In quart containers, 1½-2 ft., 50c each, \$4.00 per 10.

Rose Apple

The Rose-Apple (*Eugenia jambos*) is an interesting large shrub or small tree, with large thick glossy leaves, bearing beautiful small round fruits 1½ to 2 inches in diameter, creamy white flushed with rose. These fruits are deliciously rose scented and may be eaten fresh or used to make fragrant jelly or candied fruit. Fairly hardy and will thrive anywhere in the coastal or foothill regions of Southern California.

Gal. containers, 12 to 18 inches, 75c.

Note! No mail order filled for less than \$1.00.



COOLIDGE FEIJOA
The Fragrant Pineapple Guava

YELLOW STRAWBERRY GUAVA
Delicious to Eat

NATAL PLUM
Brilliant Scarlet Fruits



Hardy Deciduous Fruit Trees

The best time for planting all deciduous fruit trees in California is during the months of January, February and March, since it is only during that period that the trees are dormant and in good condition to be dug and shipped. These trees are all handled without earth on the roots. Our list includes the finest commercial varieties for the market, as well as those kinds that are best for home orchards.

We have listed the varieties of each fruit in the order of their ripening, so that planters may easily select several kinds which will provide fruit continuously throughout the ripening season.

As a precaution against sunburn, the use of tree protectors is advisable. We list these on page 68.

Peaches

All peaches are freestone except where the word *Cling* follows the name. We can supply most commercial varieties on either peach or apricot root.

Ten fruit trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 peach trees but not less than 10 of a variety sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$.60	\$5.00	\$30.00
3 to 4 feet.....	.50	4.00	25.00
2 to 3 feet.....	.40	3.00	20.00

Write for special prices on 300 or more. Listed in order of ripening:

Mayflower. The earliest of all peaches and therefore of great value for both home and commercial planting. Medium sized, creamy white fruits, mottled with dark red; firm, white, juicy flesh. Late May.

Alexander. One of the finest of the early peaches; greenish-white skin, shaded red; greenish-white flesh. Very sweet and juicy. Early June.

Australian Saucer. Obtains its name from its peculiar flattened shape; small, skin white with red cheek; flesh white, very sweet and delicious. One of the few satisfactory peaches for the hot interior of California, Arizona and Mexico, ripening a large crop no matter what the weather conditions. June.

A Peach That Always Bears

C. O. Smith. A new hybrid peach that is being placed on the market by the Armstrong Nurseries this season. We consider it to be a splendid peach for home use although it is too soft to be a commercial variety. It never fails to bear and is absolutely unaffected by the warm mild winters of the southwestern states which so frequently cause other types of peaches to miss a crop. In the second place, it is a peach of exceptional quality; medium size; white skinned; with the same richly flavored, juicy, white flesh as Lukens Honey but much larger in size. During the past season this fruit ripened over a long period from June 20th to July 20th. We guarantee that it will provide a large crop of beautiful peaches every year even in the interior mild-wintered sections of Southern California, Arizona, and Mexico where other types of Peaches do not always give regular crops. Originated by Prof. Babcock and Mr. Clayton O. Smith of the University of California and named after the latter.

Price on C. O. Smith, 1 year trees, 85c each.

Early Imperial. For a number of years this variety has been the leading early yellow freestone for commercial and home use. Fruit medium size with small pit; skin yellow, shaded with crimson; flesh yellow, rich and firm. A standard peach for home and market. Late June to July.

Hales Early. One of the very best early white peaches. Possesses high quality and is unequalled for home use. Skin greenish, splashed with red. Flesh white, juicy and sweet. Late June.

Strawberry. One of the best and finest flavored peaches for home use. Small, white fruits, with beautiful red markings; flesh white, juicy, and delightfully flavored. A heavy bearer. June.

Opulent. There is no better eating peach than this, which we believe to be Luther Burbank's finest peach introduction. It is a cross between a peach and a nectarine and has the beautifully marbled, smooth skin of the nectarine, with exceedingly sweet, highly flavored, white flesh. Early July.

Early Crawford. Known for many years as one of the very finest of the early yellow peaches. Very large, round fruits, colored rich red and golden yellow; marbled yellow flesh rayed with red at the pit and perfectly free from the stone. It has richness of flavor, a pleasant aroma, tender flesh, and abundant juice. July.

George IV. A large, round, white freestone; skin creamy white, with red cheeks. Flesh white, juicy, and most exquisitely flavored. Late July.



THE NEW C. O. SMITH PEACH



J. H. HALE PEACHES
California's Finest Peach for Home or Market

Champion. Often looked upon as the standard by which to gauge all white-fleshed freestones. This variety has everything a peach should have—size, tender flesh, juiciness, a honeyed flavor, attractive appearance and a productive tree. Early August.

Lukens Honey. One of the finest and sweetest of all peaches for home use, the quality and flavor unexcelled for eating. Fruit small; skin greenish-white; flesh white, very sweet and juicy. Can always be depended upon to bear a good crop anywhere, even in the hottest interior valleys. August.

J. H. Hale. Taking everything into consideration, J. H. Hale stands out above all other peaches grown in California, and its exceptional appearance and quality and heavy bearing habit have made it a profitable commercial variety even during the past several years of low prices. Exceptionally large, round, its beautiful yellow skin richly marked with dark red and carmine, with exceptionally fine flavor, aroma, texture, and juiciness. It is a fruit that looks well, keeps well, tastes well, and sells well. Remains on the tree in a firm condition for a longer time than any other freestone. Trees are small but bear heavily. August.

Elberta. This variety has been for many years, and still is one of the finest peaches. Large, rather elongated, yellow with red cheeks, juicy and well flavored. Bears consistently, and is much planted for home and market. A good pollenizer for J. H. Hale. August.

Lovell. Skin and flesh clear yellow; a heavy and regular bearer; a leading commercial freestone for canning and drying; is a good home fruit. August.

Indian Blood Cling. Little, round, red, clingstone, firm and rich flavored, with blood-red markings through the flesh. The best variety for home pickled peaches. Aug.

Curry. A splendid new freestone which is gaining great popularity in Southern California as a commercial market peach since it is of excellent quality and fills the lull between Lovell and Salway when there is no other peach available. Beautiful round, large, yellow fruits with a red cheek. Late August.

Peaks Cling (Palora). As a mid-season canning peach, the Peaks has no superior. The fruit is large, uniform and round; skin clear yellow; flesh yellow to pit. A very heavy bearer. August.

Sims Cling. Now a leading mid-season commercial cling. The fruit is larger than average, golden yellow, with a faint blush; flesh clear deep yellow to the pit, which is small. August.

Phillips Cling. Well known as a late canning peach. Large, round, firm and clear yellow to the pit. September.

Salway. Peaches are beginning to get scarce when this variety ripens, and since it is of extremely high quality is popular both for the market and home use. Large, round, with a creamy yellow skin and sweet, white, juicy flesh. September.

Krummel. One of the latest freestone peaches and a profitable market variety. Fruit large, lemon yellow, lightly blushed with carmine; flesh yellow, red at the pit; of excellent quality. September.

White Heath Cling. Creamy white, blush on sunny side; flesh white, tender, juicy and delicious. A fine late cling for home use. Late September.

Miller's Late. There are few peaches ripening after the Salway; hence a good peach ripening as late as November is a valuable acquisition. Miller's Late is a fine yellow freestone of the Salway type, having better flavor and quality than the latter; a heavy bearer. Nov.

Nectarines

The tree of the Nectarine looks like a Peach tree, and the pit is the same as that of a peach, but the skin is smooth; and the rich aromatic flesh has a flavor and character all of its own.

On Peach Root

	Each	Per 10	Per 100
4 to 6 feet.....	\$.60	\$5.00	\$30.00
3 to 4 feet.....	.50	4.00	25.00

Write for prices on 300 or more.

Listed in order of ripening.

Gower. The earliest nectarine, large, round; skin pale green overspread with deep red; flesh is white, sweet and juicy. The earliness and firmness of the fruit makes it a good market variety. Early July.

Gold Mine. This new nectarine from New Zealand is one of the most beautiful fruits grown. Large red and yellow fruits, with juicy white flesh. August.

Stanwick. The leading nectarine. Fruit large; skin pale green, shaded purplish red; flesh white and juicy, of delicious, aromatic flavor. August.

Lippiatts Late Orange. In appearance and quality, one of the finest nectarines ever grown. Very large; golden orange-yellow inside and out; firm and sweet. A recent introduction from New Zealand. August.

Boston. Large, bright yellow with red cheek; flesh yellow, sweet and pleasant flavor; freestone. The leading yellow fleshed nectarine. August.

Note! No mail order filled for less than \$1.00.



SALWAY PEACHES
A Profitable Heavy-Bearing Late Peach



ROYAL APRICOTS

Plums

Most varieties of Plums will bear heavier crops if certain other varieties are planted nearby as pollinizers. Burbank, Wickson and Climax all successfully pollinate the blossoms of most varieties, as well as each other, and we advise including some of these sorts in all Plum plantings.

Ten fruit or nut trees, assorted in any way, or five of a single variety sold at the 10 rate; 50 Plum trees, but not less than 10 of one variety, sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$.60	\$5.00	\$35.00
3 to 4 feet.....	.50	4.00	30.00

Write for prices on 300 or more.

Listed in order of ripening:

Methley. The earliest fruits to ripen are always greatly appreciated because they come after many months when fresh fruits have not been available. Methley and the following variety, Apex, precede all other plums by many days, and one tree of this variety will provide all that a large family can possibly use, for it is one of the heaviest bearers among plums, the tree being positively loaded every year with the small, deep red fruits which are juicy, sweet, richly flavored, and red fleshed. Early June.

Apex Plumcot. This fruit, as its name indicates, is a cross between the Apricot and the Plum. The big globular pink and red fruit has rich aromatic honey-yellow flesh. One of the earliest. June.

Beauty. Fruit large and beautiful, deep crimson with amber-crimson flesh. A remarkably vigorous grower and never-failing bearer. June.

Climax. One of Luther Burbank's finest introductions. Very large, heart-shaped, firm and with a beautiful color, being deep red and yellow. The flesh is yellow and rich. June.

Santa Rosa. Possibly the most popular plum in California, and certainly one of the handsomest. Large oval, purplish-crimson fruit, covered with light blue bloom. Flesh amber, veined with crimson. Another Burbank variety, highly valued for both shipping and home use. Early June.

Burbank. A fairly early plum, always producing heavy crops. Fruit medium to large, almost round; light red mottled with yellow and covered with lilac bloom; flesh deep yellow and very juicy. July.

Red Rosa. A new plum which is very similar to the Santa Rosa in appearance, having the same bright colored purplish-red fruit and amber colored flesh, but which ripens fully one month later, long after Santa Rosas are gone. The flesh is more crisp and it does not get soft as soon as does Santa Rosa, although in all other respects it closely resembles that famous plum. July.

Wickson. A very large heart-shaped plum, deep yellow, overlaid with carmine and a white bloom. Flesh crisp, sweet, amber colored. August.

Satsuma. The well-known Japanese blood plum so prized for preserves. Large, almost round, deep red outside and in, firm, juicy, and of fine flavor. Must be planted with other varieties such as Wickson, Burbank or Climax to secure good crops. July.

Kelsey. Very large, heart-shaped; greenish-yellow, blushed with red; flesh yellow, firm and of fine quality. Because of its lateness and shipping qualities it has been very profitable commercially. September.

Becky Smith. The latest plum. Big, round, red fruits of splendid quality for eating and shipping, and second to none in appearance. Plant with Santa Rosa for cross-pollination. September.

Prunes

Prunes are merely plums with a high percentage of sugar which will dry without removal of the pit. Prunes do not thrive particularly well in the lower altitudes of Southern California, but succeed admirably in the high inland valleys and foothills. The yield of all varieties of prunes will be materially increased if several kinds are interplanted to secure cross-pollination.

	Each	Per 10	Per 100
4 to 6 feet.....	\$.60	\$5.00	\$35.00
3 to 4 feet.....	.50	4.00	30.00

Write for prices on 300 or more.

Listed in order of ripening:

Sugar. Very large, oval, dark purple fruit, tender, sweet and sugary; particularly fine for home planting. Tree is vigorous and productive. July.

Standard. Possibly the handsomest and finest of all prunes for home use in Southern California. Big oval fruits, deep purple with a blue bloom; flesh amber, rich and juicy; a good bearer. August.

French Improved. The standard commercial drying variety which has made Santa Clara Valley famous. Large oval fruits of deep purple, with sweet sugary flesh, produced in great quantities. September.

Apricots

By planting Newcastle, Royal, Tilton, and Moorpark, ripe apricots can be obtained over a considerable period, for each ripens a few days later than the preceding kind.

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 apricot trees, but not less than 10 of a single variety sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$.60	\$5.00	\$30.00
3 to 4 feet.....	.50	4.00	25.00
2 to 3 feet.....	.40	3.00	20.00

Write for prices on 300 or more.

Listed in order of ripening:

Newcastle. The earliest apricot to ripen, although the quality is not as high as in the later varieties. Medium size, round, pale orange in color. A good commercial fruit in early-ripening sections. May.

Royal. The leading apricot for commercial planting and for the home. Medium size; skin orange-yellow, often with a red cheek; flesh deep orange, rich and sweet. A very heavy bearer. Early June.

Blenheim. Very similar to Royal in all respects but is preferred for commercial planting in some sections of the state. Heavy bearer. June.

Tilton. One of the largest apricots, somewhat heart-shaped, with a rich apricot color. Very finely flavored, sweet and juicy. Does particularly well in the interior valleys. Middle June.

Moorpark. Very large, deep yellow fruit, a beautiful deep red on the sunny side. Has the highest quality and finest flavor of all apricots but rather a shy bearer. Particularly good near the Coast. July.



LAMBERT CHERRY

Big, Red, Sweet Fruits, the Last to Ripen

Cherries

The sub-acid or "pie" cherries, Morello and Richmond, cover a wide range of territory and will bear almost anywhere, whereas the sweet cherries will not bear in the lower altitudes and coastal regions of Southern California.

Several varieties of sweet cherries should be planted together so that they may cross-pollinate, as one kind will not bear well alone.

On Mazzard or Mahaleb Roots

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 cherry trees but not less than 10 of one variety sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$.60	\$5.00	\$30.00
3 to 4 feet.....	.50	4.00	25.00

Write for prices on 300 or more.

Listed in order of ripening:

Tartarian. The very finest cherry to eat fresh, and along with Bing making up the largest percentage of the profitable commercial cherry plantings. Sweet, rich, and juicy, with a rich, tempting, purplish-black color. The robust erect trees are consistently heavy bearers. A good pollinizer for Bing and other sweet cherries and should be included in every planting. Early June.

Richmond. Leading early sour cherry, similar to Morello, but ripening two weeks earlier.

Bing. A very large, dark red cherry of extremely handsome appearance, and since it has the firmest flesh of all cherries, it is splendid for canning and shipping. Plant Tartarian or Republican with it to secure cross-pollination. Late June.

Morello. Standard sour cherry for the Southwest. Fruits very large, handsome, dark wine-red, with a sprightly aromatic flavor; flesh tender and melting. A small round-headed tree. Late June.

Republican. Beautiful glossy purplish-black fruit, rich in flavor and firm of flesh, ripening late. A splendid pollinizer. Late June.

Royal Ann (Napoleon). A magnificent cherry of the largest size; pale yellow with bright red cheek; flesh firm and sweet; tree an enormous bearer. The leading canning cherry. Late June.

Lambert. The largest cherry and one of the latest. Very large, heart-shaped; rich red in color; very firm fleshed, and one of the most beautiful cherries in appearance. Not a heavy bearer but the fruit brings very high prices. Early July.

Pears

The yield of Bartlett Pears, under most conditions, will be materially increased by interplanting with a pollinizer, the best varieties for the purpose being Winter Nelis and Beurre D'Anjou.

On French Pear Roots

	Each	Per 10	Per 100
4 to 6 feet.....	\$.60	\$5.00	\$30.00
3 to 4 feet.....	.50	4.00	25.00
2 to 3 feet.....	.40	3.00	20.00

Write for prices on 300 or more.

Listed in order of ripening:

Wilders Early. A sweet juicy little pear; earliest to ripen; always with an immense crop. August.

The Famous Bartlett Pear

Bartlett. The most widely cultivated pear in California, large, buttery and melting, with rich flavor; tree a vigorous grower; bears abundantly. Bartlett has every quality needed for a perfect home and market pear. August.

Flemish Beauty. A superb pear of medium size, with a rich, musky flavor. September.

Seckel. The standard of excellence in the pear. Fruit small, but well colored and there is no other variety which possesses such exquisitely flavored, perfumed, juicy flesh, even the skin being spicy. September.

Buerre D'Anjou. A standard fall pear. Large, of typical pear shape; deep yellow, marked with russet and crimson. Flesh tender, sweet and juicy. An excellent pollinizer for Bartlett. October.

Buerre Bosc. A long tapering neck, a deep yellow color, heavily overlaid with cinnamon-russet, and the quality is exceedingly fine. Ranked second only to Bartlett. September.

Kieffer. Extremely vigorous and fruitful, bearing in situations where other pears do not thrive. Roundish, heavily russeted fruit. October.

Winter Bartlett. A small pear, suggesting Bartlett in shape, color and flavor, but ripening very late. The tree is very productive and the fruit keeps remarkably well. The only pear thriving in the Imperial Valley. Nov.

Winter Nelis. The standard winter pear. Fruit small, unusually russeted, with a ruddy cheek; a delectable, rich, aromatic flavor. Enormously productive, and the fruit will keep well in storage all winter. December.

Dwarf Early Bearing Pears

We have grown three varieties of Pears on a dwarfing root to make a small dwarf tree which takes very little room. Dwarfing not only reduces the size of the tree but greatly increases the bearing habit and induces early bearing so that the trees almost from the time they are planted out bear enormous crops of fruit which is just as good in size and quality as on the standard trees. The trees will never get more than about 8 feet high, with a spread of about 4 feet.

The three popular varieties, Bartlett, Buerre d'Anjou, and Winter Nelis are available as dwarf trees.

	Each	Per 10
4 to 6 feet.....	\$.85	\$7.50
3 to 4 feet.....	.75	6.50
2 to 3 feet.....	.65	5.50

Quinces

The Quince is one of the finest fruits for preserves and will bear a large crop in almost any location.

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 Quince trees but not less than 10 of one variety, sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$.60	\$5.00	\$35.00
3 to 4 feet.....	.50	4.00	30.00

Pineapple. One of Luther Burbank's originations, with a round, short-necked, golden-yellow fruit, the flesh becoming a beautiful dark red when cooked. The flavor is suggestive of the pineapple. October.

Smyrna. Extremely large fruits, delicious when cooked. There is no more delightful fragrance than that of the fresh quince. October.

Apples

As a general rule the summer and early fall apples, which are usually green or yellow, do best in the lower altitudes in Southern California, while the late fall and winter apples, usually high colored, should be planted in the foothills and mountains.

Red Astrachan, Gravenstein, Winter Banana, Yellow Bellflower, W. W. Pearmain, and Rhode Island Greening are best for the lower altitudes of Southern California.

Ten fruit or nut trees, assorted in any way, or five of a single variety sold at the 10 rate; 50 Apple trees, but not less than 10 of a single variety sold at the 100 rate.

	Each	Per 10	Per 100
4 to 6 feet.....	\$.60	\$5.00	\$30.00
3 to 4 feet.....	.50	4.00	25.00
2 to 3 feet.....	.40	3.00	20.00

Listed in order of ripening:

Red Astrachan. Good-sized handsome fruit, nearly covered with large crimson stripes; juicy, crisp, and rich in flavor. A heavy bearer, it is California's best early summer apple, July.

Gravenstein. Very large, round fruits, beautifully striped with red, very productive and of the finest quality. The earliest commercial apple, August.

Winter Banana. One of the most dependable apples for all districts. Large, handsome fruits, clear waxen yellow with a delicate blush. A delightful flavor and aroma, September.

Rhode Island Greening. The favorite green apple of the entire country. Large, rotund, yellowish-green, with juicy mellow flesh. For culinary purposes it is unexcelled, October.

Delicious. A magnificent variety of fine appearance and delightful flavor; large size, rather conical in form; brilliant red, slightly splashed with yellow; flesh fine grained, crisp, and juicy. The standard of excellence in the apple and probably the best known variety Nov.

Jonathan. In appearance and quality one of the best apples grown. Brilliant red striped with carmine, almost round, with crisp, white flesh. Only to be grown in good apple sections, October.

Yellow Bellflower. A standard market variety of California, doing particularly well in the coast valleys. Oblong fruits with a pale yellow waxen skin, beautifully blushed on one cheek, October.

White Pearmain. An oblong greenish-yellow apple, medium to large, juicy and mildly flavored. It bears well and has long been a standard variety. A good keeper, November.

Winesap. A standard late red apple, round in shape, beautifully colored, and of splendid quality. To be grown in good apple districts only, December.

Yellow Newton. A high quality, long keeping late apple, roundish, flattened at both ends, yellow skin sometimes russeted, and yellow, crisp, fine-grained flesh. Aromatic sub-acid flavor, December.

For Jelly, Pickles and Preserves

Transcendent Crab Apple. There is nothing to equal crab apples for jelly and preserves, and a tree or two in the home orchard is extremely desirable. Transcendent is the best of all crabs for general use. Attractive medium sized yellow fruits, beautifully striped with red. Tree remarkably vigorous and immensely productive. August.

Pomegranates

Pomegranates are one of the most ornamental of all fruit trees with their bright scarlet hibiscus-like flowers and their big crimson fruits which form a beautiful contrast with the dense bright green foliage. They grow naturally into a large bush but may be trained into a tree if desired. Pomegranates thrive anywhere from the seacoast to the hottest desert valleys, doing best where there is considerable summer heat. Pomegranates are now being widely used for their beautiful clear red juice which makes a delicious and healthful beverage.

	Each	Per 10	Per 100
4 to 6 feet.....	\$.60	\$5.00	\$30.00
3 to 4 feet.....	.50	4.00	25.00
2 to 3 feet.....	.40	3.00	20.00

Papershell. A thin-skinned variety of highest quality; pale yellow with crimson cheek, the edible portion being a rich red, sweet and aromatic, October.

Wonderful. The largest and most highly colored of all Pomegranates. Big fruit, rich crimson in color; rich garnet flesh, very juicy and of excellent flavor. The best shipping variety, October.



LANG JUJUBES

They Make a Most Delicious Confection

Chinese Jujube

The Jujube is a small deciduous tree. The fruit of the larger kinds is from 1½ to 2 inches in diameter, may be round, oval, or pear shaped according to variety; has a smooth, brittle skin, rich dark brown in color. The flesh is sweet, crisp and rather dry when fresh. The fruit is excellent when eaten fresh, and when picked and allowed to stand, it dries and gains an added flavor. It makes an excellent jam or butter when cooked, but the best way to enjoy the fruit is to cook it in a sugar syrup and allow it to dry, when it becomes a delicious confection, which we believe will eventually rival the date as a commercial product.

The tree is a heavy and consistent bearer, never failing to produce a large crop, and it begins to bear usually at the age of one year, the fruit ripening in September and October. Because the Jujube is a sure producer, because it is a highly nutritious, delicious fruit, capable of being used in many ways, and because it thrives in locations where many fruits will not grow, it will be a valuable addition to the orchards and gardens of the West and South, particularly in the interior valleys of California and Arizona. It does not bear so well directly on the seacoast and prefers the interior valleys. Although Jujubes will grow under extreme conditions of soil and climate, they should have about the same amount of water and care as would be given to other deciduous trees.

Prices for stocky, grafted, field grown trees:

	Each	Per 10
4 to 6 feet.....	\$1.50	\$12.50
3 to 4 feet.....	1.25	11.00

Lang. Large pear-shaped fruit, 1½ to 2 inches long. Produces a great abundance of fruit and often bears the first year after planting.

Li. This variety has the largest fruits of all, often 2 inches in diameter. The shape is almost round, somewhat flattened at the ends; has a very small pit and is deliciously sweet and crisp.

Espalier Fruit Trees

We have a limited number of dwarf fruit trees trained into Espalier form in the best varieties of Peaches, Apricots, Plums, and Figs. Two-year trees dug with ball of earth, \$4.50 each.

Figs

Figs require a warm, dry climate, with temperatures above 18 degrees F., and since these conditions are found in most of California, there is a wide field in which they may be successfully grown. They also need more water during the growing season than most deciduous fruits.

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 Fig trees, but not less than 10 of one variety sold at the 100 rate.

	Each	Per 10	Per 100
1 to 6 feet.....	\$.60	\$5.00	\$30.00
3 to 4 feet.....	.50	4.00	25.00
2 to 3 feet.....	.40	3.00	20.00

Write for prices on 300 or more.

Brunswick (Magnolia). A medium to large fig, light brown in color, with a short neck. Flesh is fine grained and sweet, brownish-amber in color. The tree is short and stubby and will stand more cold than any other fig.

Calimyrna (Smyrna). The largest and finest fig grown, of enormous size, round and flattened at the end; a greenish-yellow skin and coarse reddish-amber pulp. The fruit has a richness and meatiness not found in any other fig and is the standard commercial variety for drying. Will not mature crop unless pollinized by the fig wasp (*Blastophaga grossorum*) which breeds in the wild Capri Figs. A Capri must be planted nearby and infested with the wasp to obtain a crop on the Calimyrna.

Capri. Capri Figs are valueless in themselves but provide a home for the fig wasps which are necessary to pollinize the Calimyrna. The planting ratio is one Capri to twenty-five Calimyrnas or less.

Mission. The well-known California Black Fig. The fruit is medium to large, with a long neck, mahogany-violet in color and brownish-red flesh. The leading black variety for shipping and drying. It is quite hardy and does well in nearly all sections, producing extremely heavy crops.

Kadota. One of the finest figs for all purposes, as it will can, dry, pickle or ship fresh and give excellent results in every case. Largely planted for the fresh fruit market and most people prefer it to any other fig for eating fresh. Of medium size, with waxy, smooth, yellowish-white skin and pale amber flesh. Extremely sweet and rich. Very prolific in bearing. Sometimes called White Pacific.

Brown Turkey

We consider Brown Turkey to be just about the finest Fig for general use because it bears well in almost any location in California where Figs will thrive. It ripens its first crop early. The fruit is very large and of exceptionally good quality. Sometimes known as Black San Pedro or Black Spanish. Very large, long, purplish-brown, becoming deeper purple as it matures; flesh rich strawberry red, fine grained, sweet and juicy. A splendid variety from the sea-coast to the desert and we believe it is California's No. 1 Fig.



BROWN TURKEY FIGS, TWO-THIRDS- NATURAL SIZE

Panachee (Striped). A peculiar variegated fig in which the fruit and often the stems and leaves are brilliantly striped with green and yellow. The figs are large, with blood-red pulp, of excellent quality.

White Adriatic. Very large, elongated, yellowish-green fruit with a short neck; flesh bright red, somewhat coarse but of excellent quality. A strong-growing prolific tree.

White Genoa. A very large pear-shaped variety with a waxy yellow skin and sweet amber pulp, somewhat similar to Kadota but a much larger fig, which bears better than most figs near the coast.

Persimmons

It is not necessary to plant pollinizers with Persimmons in California, but doubtless a larger crop will be obtained if one or more trees of the Gailey are planted with other kinds.

	Each	Per 10	Per 100
4 to 6 feet.....	\$.85	\$7.50	\$60.00
3 to 4 feet.....	.75	6.50	50.00
2 to 3 feet.....	.60	5.00	40.00

Fuyu 10c per tree more than above.

Write for prices on 300 or more.

Gailey. The fruit is small and valueless and we recommend it only for planting with other kinds for cross-pollination purposes.

Hachiya. Very large conical fruit of bright orange-red, with sweet, rich, mellow flesh. Astringent until ripe and then very fine indeed. A large well-grown Hachiya persimmon is one of the most beautiful fruits grown. Most fruits seen in the markets are of this variety.

Tamopan. A very large fruit, flattened, often five inches in diameter, weighing over a pound and oddly marked by a crease completely around the stem end. Deep golden red in color. Ripens late.

Fuyu. This new persimmon is quite different from all other commonly grown varieties in that it is never astringent or puckery. It is quite firm even when fully ripe and may be eaten hard like an apple whenever it is sweet enough. The fruits are large, flattened and are borne in great quantities. The trees bear much younger than most persimmons and produce great clusters of fruit from the second year on. The tree is a little more difficult to grow and we ask 10c per tree more than the prices for other varieties.



SPANISH CHESTNUTS

Walnuts

Our trees are grown from carefully selected scions from the best fruiting orchard trees under conditions of soil and climate which produce an excellent root system and a clean vigorous top. They are grown on the native Northern Black Walnut.

Walnuts make a wonderful shade tree for the home, but should be planted where they will have plenty of room to spread out, as they get very large in time. The trees grow rapidly after the first year and begin to bear at two or three years of age.

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate; 50 sold at the 100 rate.

	Each	Per 10	Per 100
10 to 12 feet.....	\$1.50	\$12.50	\$100.00
8 to 10 feet.....	1.25	11.00	90.00
6 to 8 feet.....	1.00	9.00	75.00
4 to 6 feet.....	.90	8.00	60.00

Write for prices on 300 or more.

Placencia. While new varieties come and go, the Placencia remains the most popular and profitable walnut in Southern California. The nuts are roundish oval, smooth, with a thin strong shell and are of a desirable commercial size. The kernel is smooth, plump and light colored. The tree is precocious.

Eureka. Ranks second to Placencia as a commercial nut. Very large, elongated nuts; shell light straw color, very heavy and well sealed; cream colored, plump, waxy kernels. An ideal nut for the market and brings higher prices than the Placencia, but does not bear as young as the latter nor so heavily. Hardier than Placencia, because it blooms later, and more immune to sunburn.

Fayne. A very popular commercial walnut in the central valleys of California because of the extremely early and heavy crops borne by the young trees. The nuts are of exceptionally high quality. Sometimes used for interplanting because of its early production but comparatively slow growth.

Franquette. Owing to its lateness in blooming, its hardness and dense foliage, this French variety stands in high favor with Northern growers. The nut is large, elongated, smooth, tightly sealed,

Wilson Wonder. Called the "Jumbo Walnut" because of its enormous size, the individual nuts often measuring more than 2 inches in diameter. Offered in the stores at Christmas time for very fancy prices. Bears very young and heavily.



ALMONDS BEAR WITHOUT IRRIGATION

Chestnuts

The Chestnut should be planted far more in California than it is at the present time, because it does particularly well in most sections of the state, producing very heavy crops of nuts which bring a good price in the markets. Also the trees make beautiful large ornamental shade trees with dense, dark green foliage and symmetrical tops. They do not attain great size, but make a medium growth which is most satisfactory for many locations, and we can recommend them for all parts of this state, except the hot dry desert sections.

In order to secure cross-pollination at least three trees should be planted together.

Spanish Seedlings. The European type of chestnuts, which are also called Italian Chestnuts, do particularly well on the Pacific Coast. The different trees vary only slightly in their bearing habits and the nuts are quite uniform. The trees are very ornamental with large dark green leaves and we highly recommend them for shade trees. The nuts are large, sweet and of good quality, and the tree bears very young. Larger crops will be secured if several trees are planted together. 4 to 6 feet, \$1.25 each, \$11.00 per 10; 3 to 4 feet, \$1.00 each, \$9.00 per 10; 2 to 3 feet, 75c each, \$6.50 per 10.

Pistachio Nut

The knowledge of most people concerning the Pistachio is that it has a nice green color and imparts a very pleasant flavor to ice cream. It is less generally known that Pistachio nut trees will thrive in California whenever the fig and olive do well. They are hardy deciduous trees of small size, the nuts appearing in large clusters like a loose bunch of grapes. Nuts are borne only on the female trees, and at least one male is needed for pollination.

These trees are rather difficult to propagate and we believe we have the only stock of good trees available in this country.

Strong budded trees, 3 to 5 feet, dug with ball of earth, \$2.50 each, \$22.50 per 10.

Aleppo. } These are the two best nut bearing
Bronze. } varieties.

Kaz. A male variety producing an abundance of bloom for pollinization.

Almonds

Two or more varieties of Almonds must be planted together, in the right combination, to secure successful pollination. Good combinations are Nonpariel and Drake or Texas, Nonpariel and Ne Plus Ultra, Ne Plus Ultra and I.X.L.

Almonds are one of the few fruit or nut trees that will thrive and bear well without summer irrigation, and are, therefore, adapted to many locations where other fruits cannot be grown.

On Peach or Almond Roots

	Each	Per 10	Per 100
4 to 6 feet.....	\$.60	\$5.00	\$35.00
3 to 4 feet.....	.50	4.00	30.00
2 to 3 feet.....	.40	3.00	25.00

Write for prices on 300 or more.

Drake. A good commercial nut because it bears uniform crops and adapts itself to all almond districts. Medium size, almost round, with a medium soft shell, plump and well filled. A good pollinizer for Nonpariel.

Ne Plus Ultra. A widely planted and popular almond, chiefly valuable because of its very attractive outside appearance and its generally large size. The nuts are large and long with a soft corky shell. A good pollinizer for Nonpariel.

Nonpariel. Probably the most valuable commercially grown variety in California because of its excellence for shelling purposes and its habit of bearing regular and uniform crops. Medium size, soft shell, with plump elongated kernels.

I.X.L. This variety brings the highest prices for nuts marketed in the shell because of its clean, attractive appearance. Medium sized, elongated, soft shelled nuts.

Texas. Now one of the most popular almonds commercially because of its extremely heavy, consistent crops of small soft-shelled plump nuts, excellent for shelled kernels. A late bloomer and good pollinizer for Nonpariel and Drake.

Filberts

Filberts are certain varieties of European Hazel Nuts. They are produced on a large bush or small tree, and bear good sized nuts of excellent quality. They do best in a cool, fairly moist climate and are well worth trying in the coastal districts of Southern California. They make beautiful ornamental bushes where they do well.

Two or more varieties must be planted together to insure cross-pollination.

Heavy, well-rooted trees, \$1.10 each, \$10.00 per 10.

Barcelona. The best Filbert for general planting. A large, round nut, sweet and rich, bearing well when properly pollinated.

Du Chilly. A large fine nut, bearing fair crops, but its chief value is a pollinizer for the Barcelona.

Pecans

The Pecan has definitely shown itself to be a profitable commercial crop in the interior valleys of California and in Arizona. It is a tree which adapts itself to a wide range of climatic and soil conditions but does best in a deep sandy loam. The trees are hardy everywhere in California except in the coldest mountain areas, and they are resistant to the hottest climate. They thrive exceedingly well in arid districts but require plenty of water through irrigation.

Of the Pecans that we list, Halbert, Success, Nellis, and Caloro are self-fertile and can be depended upon to bear excellent crops when planted by themselves. The other kinds must be planted with some other variety to provide cross-pollination.

The Pecan makes a splendid, fast growing, large, shade tree wherever it is planted in California, growing just as large, but not so spreading, as the walnut.

Ten fruit or nut trees, assorted in any way, or five of a single variety, sold at the 10 rate: 50 Pecan trees, but not less than 10 of one variety, sold at the 100 rate.

	Each	Per 10	Per 100
8 to 10 feet.....	\$2.00	\$17.50	\$125.00
6 to 8 feet.....	1.50	12.50	100.00
4 to 6 feet.....	1.25	11.00	90.00
3 to 4 feet.....	1.00	9.00	75.00

Write for prices on 300 or more.

Burkett. For several years past it has proven to be a valuable Pecan for California and Arizona, and the trees that are now in bearing produce exceptionally heavy crops. The nut is large, almost round, very thin-shelled, the whole meat coming out very readily. A beautiful, fast growing shade tree. Plant Halbert or Success with it as a pollinizer.

Halbert. A rather small, almost round nut; bearing extremely heavy crops while still young, the trees in the desert sections of California producing as much as 190 pounds per tree eight years after planting. The nuts are extremely thin-shelled, shelling out readily, and are of very high quality. It is an excellent pollinizer for other varieties.

Kinkaid. An extremely large and long nut with a medium thick shell. The trees bear while quite young and continue to produce exceedingly heavy crops. Very well thought of in the Yuma district.

Perfection. (Western Schley). A large, long nut of excellent quality, with a thin shell, cracking easily. A very prolific bearer.

Success. This has been the most widely planted of all Pecans in California and the finest and oldest-bearing trees are of this variety. Large and oblong, with a medium thick shell, and a kernel of the finest flavor. It blooms late, avoiding late spring frosts in the higher altitudes.

Texas Prolific. The nut is large and long and of particularly fine quality but does not shell out quite so readily as some of the other varieties. It is very prolific and is one of the most popular varieties in Texas, thriving in California as well.

The Old Eastern Butternut

A beloved forest giant of the East whose rough, hard-shelled nuts have provided pleasure for many foraging parties. We have grown some trees for those who wish to try them out in California, where they do well in coastal or mountain districts.

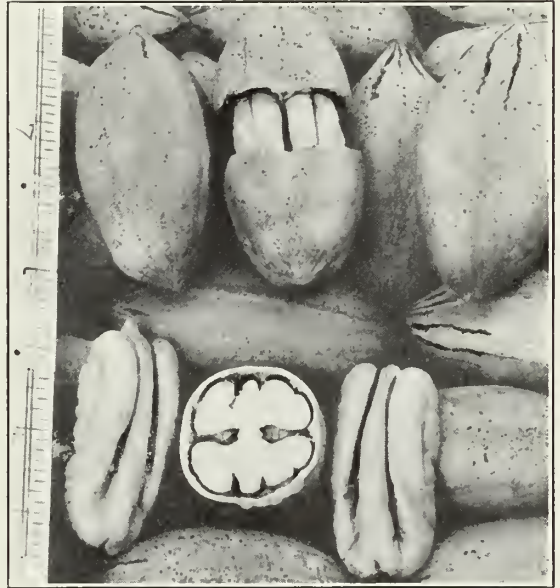
Strong 3 foot trees, \$1.50 each.

Two New California Pecans

We are offering these two comparatively new Pecans because they both have been developed under California conditions and have shown themselves to be particularly fine for this state, one being adopted more to the cooler coastal regions and the other to the warm interior valleys.

Nellis. This splendid Pecan was offered for the first time last season by us under the name Nelson. We found it near Whittier and we have grown it because it seemed to thrive and bear so well in the coastal districts of California where other varieties are not entirely successful. The nuts are of average size, of the most desirable long-pointed pecan shape, and with a very thin shell, the whole meat shelling out very readily. It is self-fertile and one tree may be planted alone with assurance of securing a good crop. The original tree of the Nellis has borne twenty consecutive crops without a miss and for the last six consecutive years nuts from this tree have taken the first prize for pecans at the Los Angeles County Fair.

Nellis Pecan supplied in all sizes shown at left at 50c per tree additional.

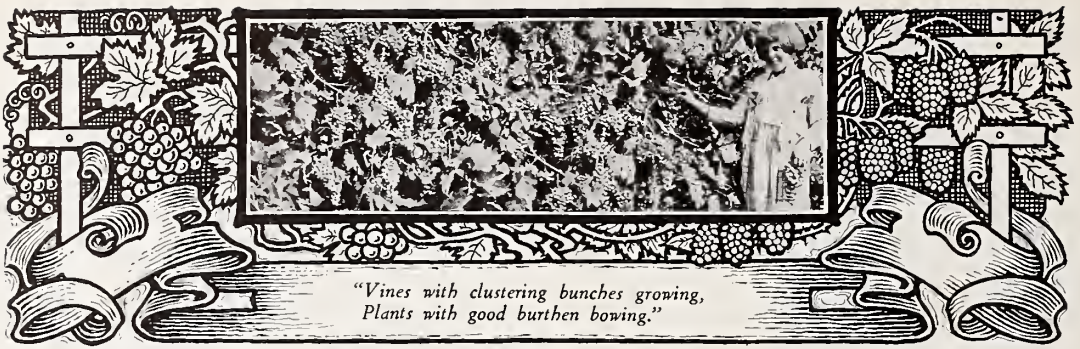


BIG EASILY CRACKED CALORO PECANS

Caloro. "California Gold." This splendid new Pecan was developed by Mr. R. A. Harris of Riverside, and we believe it is the finest Pecan yet introduced in California for the warmer inland regions. It seems to thrive remarkably well in the inland valleys of Imperial, Riverside, and San Bernardino Counties, and we also recommend it highly for the San Joaquin and Sacramento Valleys. The nut is very large, long, and tapering, and of the very highest quality. We have never seen a nut which cracks and separates from the shell as easily and perfectly as Caloro, and it is unequalled in this respect.

The tree is a thrifty, upright grower, commencing production in the third or fourth year and producing heavily thereafter. Perfectly self-fertile and needs no cross pollination. For commercial and home use we believe it is the leading California Pecan for inland sections.

Large, 2-year trees, 8-10 ft., \$3.00 each.



Select Vine and Bush Fruits

Grapes and berries from all over the world do wonderfully well in California and every home should have a few vines near it. It only takes two years to get good crops on most grape vines, so results are soon obtained. Grapes are also valuable ornamentals on fence or arbor.

California Grapes

(Vinifera Type)

Price	Each	Per 10	Per 100
	\$.25	\$2.00	\$10.00

Ten assorted grapevines sold at the 10 rate, less than 10 at the each rate; 50 vines, but not less than 10 of one variety, sold at the 100 rate.

Write for prices for 500 or more, naming quantity and varieties.

NOTE! No mail order filled for less than \$1.00.

Varieties suitable for arbor or trellis have the capital letter "T" following the name.

Listed in order of ripening.

Khalili. A new Persian grape which is the very first variety to ripen. White, round berries of excellent flavor, borne in loose bunches. Brings good prices on the early market and is much relished in the home garden as the first grape of the season.

Chasselas Neuschatel. A very early, extremely juicy white grape in very close, compact bunches; bears enormous crops. July.

The Two Favorite Seedless Grapes

Black Monukka. T. A seedless black Persian grape much resembling Thompson Seedless, except that the berries average one-third larger and are purplish black when mature. Very large, loose bunches borne in great profusion. A wonderful early eating grape. Prune long. Early August.

Thompson Seedless. The best known seedless grape, widely planted for raisins and market and a fine home fruit as well. Very large bunches of rather small, greenish-yellow berries, sweet and mild. Canes should be pruned long. August.

Sultanina Rosea. A grape which is exactly like the Thompson Seedless, but the berries are colored a beautiful blush pink, deepening to red in the sun. The same high quality as the Thompson. Ripens several weeks later than Thompson.

Sultana. Great large bunches of small, round golden-yellow seedless berries. Largely planted for seedless raisins and table fruit. August.

Black Muscat. See next page.

Dizmar. Large, elongated white berries in medium size bunches; skin very firm; flesh crisp, meaty, and sweet. Early August.

Zante Currant. T. (Black Corinth). The variety from which the dried currants of commerce are made. Large, compact bunches of very small blue-black seedless berries, very juicy, sweet and richly flavored. August.

Malaga. A leading shipping variety and one of the finest table grapes. Bunches very large and loose; berries large, oval, yellowish green, with a thick skin and firm, sweet, rich flesh. Does best in hot climates. See illustration on opposite page. Late August.

A Grape that Tickles the Palate

Dattier de Beyrouth. A big bunch of long, amber, exquisitely flavored Dattiers will give more sheer enjoyment in the eating of them than any other grape that we know of. Both bunches and berries are very large and the sweet mild flavor and melting flesh make it one of the finest grapes grown. September.

Ribier. T. One of the largest grapes grown, and at the same time one of the most handsome. Extremely large, round, perfectly black berries in medium size bunches, very sweet and rich in flavor. Ripens in August, but will stand on vine until late September. Unexcelled for home and market.

Black Malvoise. T. A fine grape bearing immense crops of oval, juicy, reddish black berries. A strong grower and good arbor grape. Late August.

Lady Finger (Rish Baba). Got its name because the berries are very long, slender and white-skinned. Large long bunches; flesh crisp, tender and sweet. A good home and shipping grape. Late September.



BLACK MONUKKA GRAPE
Early, Sweet and Seedless—Delicious to Eat



BLACK MUSCAT GRAPES
Possess the Richest Flavor of All

Black Hamburg. T. Has large bunches of coal black, round berries, very firm, juicy, sweet and rich. A favorite grape for home and local markets. Late September.

Rose of Peru. T. A very beautiful high quality grape for local markets or home use. Large, loose bunches of large, round, black berries, crisp, sweet and rich. Excellent for trellis. September.

The Richly Flavored Muscats

Black Muscat. These large black berries have decidedly the richest flavor of any grape that we grow, exceeding even the Muscat of Alexandria described below. It ripens about a month before Muscat and is a great favorite with everyone. August.

Muscat. The famous white raisin grape of California. The big, oval, green berries have a rich sweet flavor which is unexcelled in grapes. This is the Muscat of Alexandria—the best of all the strains. September.

Flame Muscat. Exactly like the Muscat, with the same rich flavor and large berries of that famous variety, but with bright red berries, the color being intensified in hot weather. It ripens from 3 to 4 weeks later than Muscat.

SPECIAL MUSCAT COLLECTION

Five plants of each of the above 3 kinds, 15 in all, value—\$3.00 without postage, at regular rates.

Our special price—\$2.50, postpaid to California and Arizona.

Ask for Muscat Collection.

Alicante Bouschet. One of the most famous wine grapes. Sweet bright red juice, much used for coloring. September.

Zinfandel. Compact bunches of very juicy black grapes, borne in enormous quantities. Planted extensively as a wine grape. September.

Mission. T. Berries medium, round, black, sweet; bunches large, loose; an old standard wine grape. Produces large tonnage to the acre. September.

Olivette Blanche. T. Large, long, slender berries, greenish-white, with a rich flavor. Bunches large and compact, berries very firm. The vine is a heavy producer and it is becoming one of the best known late market grapes. September.

Olivette de Cadanet. T. Similar to Malaga, but ripens considerably later; large, well filled bunches of oval, greenish-white berries. Early October.

Flame Tokay. One of the leading shipping grapes of California. Berries and bunches very large, red, covered with lilac bloom; flesh firm, crisp and sweet. One of the handsomest grapes grown. October.

Gros Colman. T. Berries of this variety are as large as small plums, and are borne in immense clusters. Berries a rich blue, firm and crisp, and extremely handsome in appearance. Early October.

Cornichon. T. One of the best late shipping grapes. Berries long and oval, purplish black; skin very thick; bunches long and loose; sweet and of excellent quality. October.

Emperor. T. Bunches large, long and rather loose; berry large, oblong, wine colored, very firm; a very late standard shipping grape. October.

Almeria (Ohanez). Berries greenish-white, medium to large, cylindrical. The latest white grape, keeping for a long time after picking. October.

Largest and Latest of all

Black Morocco. These great round, purplish black grapes are so large that they resemble small plums. The berries are sweet and crisp and borne in large compact bunches. Probably the largest of all grapes and so late that they may be picked right up to Thanksgiving. October-November.

Grafted Grapes

There are certain regions in which grape vines become infested with Phylloxera on the roots. This may be overcome by planting vines grafted on resistant stocks. For those who wish to try the California or Vinifera varieties of grapes in the Eastern and other sections of the country where it is not too cold, we recommend that the grafted vines be planted since they will give much better results.

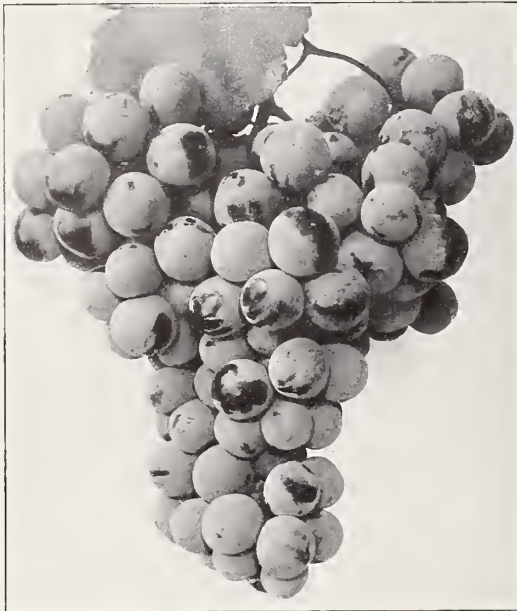
We can furnish vines grafted on Phylloxera resistant stocks in the following varieties:

	Each	Per 10	Per 100
Price	\$.50	\$4.50	\$30.00
Black Hamburg		Dattier de Beyrouth	
Black Monukka		Maraville de Malaga	
Black Muscat		Muscat	
Emperor		Ribier	
Chasselas Neuschatel		Thompson Seedless	
Cornichon		Tokay	



MALAGA GRAPE

Heavy Bearing White Grape for Home and Market.



CONCORD GRAPE
Most Famous American Grape.

Hardy American Grapes

This type of grape, of which the Concord is a typical example, is quite hardy and is extensively grown in the eastern and middle western states. They are sometimes known as "slipskins," are usually strong growing vines, are all suitable for arbor and trellis, and do well anywhere on the Pacific Coast with the exception of locations where extreme heat and dryness is experienced.

Those people from the East and Middle West who prefer this type of grape may enjoy them to the full, because they produce just as well in California as anywhere in the country. The stronger growing kinds such as **Pierce**, **Christmas** and **Niagara**, make wonderful arbor grapes.

	Each	Per 10	Per 100
Price	\$.30	\$2.50	\$15.00

Write for prices on 250 or more.
Listed in order of ripening.

Amber Queen. Large, richly flavored berries, deep wine-red in color. A heavy bearer. July.

Worden. Large bunches of black grapes, similar to Concord but ripening ten days earlier and with more juice than Concord. A very handsome, productive grape. Early August.

Pierce (California Concord, Isabella Regia). Similar to Concord, but the berries and bunches are larger and the vine is a strong grower. It is one of the finest of the American grapes for California and we highly recommend it. August.

Concord. Undoubtedly the most widely known and popular of all American grapes. Black in color, with a bluish bloom, borne profusely in medium sized bunches. The Concord does well in California, except in the regions of extremely hot summers, and its rich flavor is just the same when grown here as in the East. August.

Catawba. This has long been the standard red Eastern grape, with a vigorous productive vine and splendid, high quality, long keeping fruit. Late August.

Isabella. An attractive large, glossy black grape, with a thick skin and a musky flavor. A very vigorous grower with large leaves. September.

Niagara. The standard American green grape, holding the same rank among green kinds that Concord holds in the blacks. Berries large, pale-yellow, tender, sweet and juicy. August.

Christmas. A Luther Burbank introduction, similar to Concord in color and flavor but ripening much later and growing much more vigorously. One of the finest arbor grapes in our collection. October.

Blackberries

Less than 10 of a variety at each rate; 50 at 100 rate. Write for prices on 500 or more.

	Each	Per 10	Per 100
Price for Himalaya and Crandall's Early	\$.15	\$1.25	\$8.00

Crandall's Early Blackberry. One of the earliest berries to ripen, producing great quantities of large, firm, sweet berries which keep well after picking. The vine is very vigorous and it thrives almost anywhere in California, bearing over a longer season near the Coast than in the interior valleys. May to July.

Himalaya Blackberry. An exceedingly rampant grower, the canes often reaching forty feet in one season, and bearing enormous crops of excellent, medium sized, juicy, black berries. Ripens over a long season from June to late fall. We highly recommend it.

Mammoth Thornless Blackberry. (Cory Thornless.) The largest of all blackberries, often 2 inches in length, with a sweet delicious flavor and almost seedless. The plants are extremely vigorous, the long thornless canes often making a growth of 20 feet in one season. Ripens July and August.

	Each	Per 10	Per 100
Price for Mammoth Thornless: Extra size one year transplants.	\$.50	\$4.00	\$25.00
Strong rooted tips.....	.20	1.50	10.00

Write for prices on 500 or more.

Youngberries

The Youngberry was originated in Louisiana 24 years ago as a cross between the Phenomenal Berry and the Mayes-Austin Dewberry. It was not introduced into California until 1925, but it seems to be particularly well adapted to our conditions and it has now attained amazing popularity.

The berries are always large and often enormous in size, yet they are firm enough to be remarkable keepers and shippers. They are a deep wine-color, changing to jet black as they age, and the exquisite flavor suggests a combination of raspberry, blackberry and dewberry, with a piquancy which gives just the right zest to their superior sweetness. The seeds are so few and so soft that the berries may be considered as practically seedless, and even the cores are tender and melting. For eating fresh or for jams and jellies, we do not believe they have a superior, and market dealers will corroborate the fact that housewives once familiar with the Youngberry will select it in preference to any other kind.

The vines are extremely vigorous, and should be trained on wire trellises. The large size of the berries and their accessibility makes picking cost much less than ordinary berries. The fruit ripens very early, about two weeks after the Gardena, and is borne continuously for several months. We have no hesitancy in highly recommending the Youngberry either for home or commercial planting. Plant six to seven feet apart in rows eight to nine feet apart.

	Each	Per 10	Per 100
Extra size one year transplants.	\$.25	\$2.00	\$15.00
Strong rooted tips.....	.15	1.25	8.00

Raspberries

	Each	Per 10	Per 100
Cumberland	\$.20	\$1.50	\$10.00
Cuthbert .....	.15	1.25	8.00

Cumberland. One of the finest of the black raspberries, producing on vigorous plants great quantities of large jet-black berries which are sweet and richly flavored.

Cuthbert. This is the only variety of red raspberry that we are growing because we find that it adapts itself to almost all conditions that we have in California. The deep red fruit is large and firm, fine in flavor, and the plants are very heavily foliaged, protecting the fruit from sunburn.

Loganberry

	Each	Per 10	Per 100
Extra size one year transplants.	\$.25	\$2.00	\$15.00
Strong rooted tips.....	.15	1.25	8.00

Loganberry. This splendid hybrid berry has long been popular on the Pacific Coast. The vigorous, hardy, trailing vines produce enormous crops of very large, long, dark red berries with a rich subacid flavor. Ripening early.

Note! No mail order filled for less than \$1.00.

Strawberries

NEW LOW PRICES ON STRAWBERRIES

	Per 25	Per 100	Per 1000
Strawberries	\$.50	\$ 1.50	\$ 10.00
Fifty at the 100-rate; 500 at the 1000-rate. Write for special quantity prices on 5000 or more plants.			

Banner. A wonderful berry near the coast or valleys where summer heat is not too great. The beautiful big round berries are as richly flavored as any strawberry grown, and the color is dark red, almost purple when fully ripe. An exceptionally heavy producer.

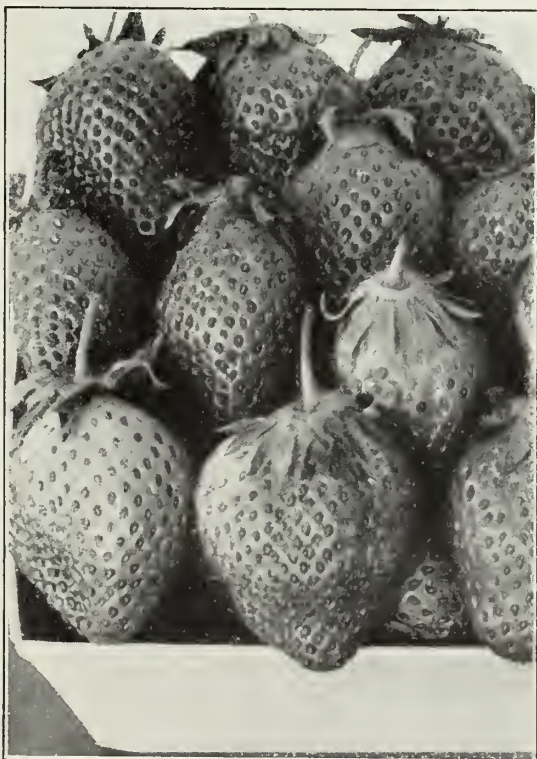
Missionary (Carolina). A vigorous grower, with good covering foliage, largely planted commercially because it produces so heavily and is a good shipper. Splendid for hot interior sections.

Progressive. We like the berry because of the great richness of its flavor and the length of its season, which begins late but lasts three months longer than most other kinds. Berries small to medium in size, long and pointed in shape, borne in enormous quantities. As nearly everbearing as any strawberry.

Red Gold, the New Home Berry

Red Gold. A new berry just introduced this season which has the finest flavor of any strawberry that we have ever tasted, and the beautiful big dark red berries are very handsome in appearance. It will never be a commercial berry because it is very soft and does not handle well, but we consider it well worth growing as a home fruit because of its exceptional flavor and quality. It has none of the tart acid quality that so many strawberries have and is very sweet and mild.

Price on Red Gold: 10 for 60c; 25 for \$1.00, 100 for \$3.00.



BIG, LUSCIOUS, RED, BLAKEMORE STRAWBERRIES

Blakemore

The Berry that Is Really Red

The more we see of this new berry which was introduced two years ago by the U. S. Department of Agriculture the more we like it, and already it has superseded many of the older commercial varieties. In color, earliness, quality of berry, and size of crop it is a great advance in Strawberries. Possibly its biggest advantage is the beautiful bright red color which does not change after the berries are picked or after they are preserved. Because of the firmness of the berries, they keep and ship extremely well and are easy to pick.

Last season, at Ontario, Blakemore ripened its first crop during February and March when it bore ten berries to one borne by any other variety, and the second crop in May was just as large as that of the other kinds. The foliage is very large, shielding the berries from the birds and sun and giving them a lovely color. Prices same as other strawberries.

Dewberry

	Each	Per 10	Per 100
Extra size one year transplants, \$	.15	\$1.25	\$8.00

Gardena Dewberry. The very earliest berry that we have, ripening two weeks before any other kind. Large, glossy black fruit of fine flavor, borne abundantly.

Currants

Currants and Gooseberries ordinarily do not bear well in the low altitudes of Southern California, but in higher altitudes and in other parts of the State they do exceedingly well.

Rooted Plants, 35c each, \$2.50 per 10.

Cherry. A popular, well-known variety. Large, bright red berries, juicy and fine flavored.

Perfection. Good quality; bright red; flavor rich, mild and sub-acid; exceedingly productive.

Gooseberry

Rooted Plants, 35c each, \$2.50 per 10.

Oregon Champion. Large round, transparent, pale green fruit of excellent quality.

The Vegetable Garden

ASPARAGUS

Mary Washington. The earliest and best. Plant one foot apart in rows four feet apart. 40c per 10; \$1.75 per 100; \$10.00 per 1000.

RHUBARB

Giant Crimson Winter. Stalks of mammoth size; excellent flavor and quality. Heavy roots, 20c each; \$1.75 per 10; \$12.50 per 100.

The Complete Home Berry Garden

A carefully selected collection of berry plants that will provide berries at almost all times during the spring, summer, and fall in quantity sufficient for the average family. There is nothing more appetizing than berries picked fresh for the table as you need them.

- 2 CRANDALLS EARLY BLACKBERRIES
- 2 HIMALAYA BLACKBERRIES
- 6 YOUNGBERRIES
- 10 CUTHBERT RED RASPBERRIES
- 3 LOGANBERRIES
- 100 BLAKEMORE STRAWBERRIES
- 100 PROGRESSIVE STRAWBERRIES
- 10 RED GOLD STRAWBERRIES

The regular prices on the above collection without postage, \$6.80.

Our special price, postpaid to California, Arizona and Nevada..... **\$5.00**

(To Other States, \$5.50)

A Page on Garden Planning

California and the Southwest are known the world over for their attractive homes, because no home is considered complete until it is properly set in a garden. However, our diversity of plant material and variation of climate and soil sometimes make gardening for the uninitiated a difficult task.

A Free Offer of Help

We have recognized this problem of the home owner and have developed a **Planning Service** which makes it possible to select the proper material, and to place it in the planting scheme in such a way that it will grow into a delightful garden. The economy of this idea is evident, for not only are the plants properly spaced with relation to one another, but they are arranged for permanent effect so that they become a part of the home.

We Guarantee Satisfaction

A deposit of \$5.00 is required when you send in the blank. This is placed to your credit and applied on any purchase made; the service thus costing you nothing.

This department welcomes inquiries concerning your proposed planting and if no plan is made, a deposit is not required. Many satisfied planters throughout the Southwestern portion of the United States testify to the success of our plan in helping to make their home grounds beautiful.



A delightful garden like the above is easily obtained through the plan that we have worked out to furnish a **Landscape Designing Service**. Just drop us a postal card or letter, merely asking for our **Planting Sketch Blank**, which gives you full details of our plan. It will be on the way to you in the next mail.

Here is How it is Done

Send for our **Planting Sketch Blank**, which is ruled for scale. Draw a rough pencil sketch of your lot, showing location of house, garage or other buildings, walks, pergolas, permanent trees or shrubs already planted, etc.—following instructions given on the reverse side of the **Sketch Blank**. Photographs or sketches of the house are also welcome.

When the sketch is received, the experienced men in our landscape department will give your drawing personal attention and quickly revise it, showing the location of every plant suggested to make a harmonious planting. A list will be made of the plants needed, with the price, all of which will be returned to you, for your approval.

You then send us the order and if you live within our delivery limits, as shown on the front inside cover of **Catalog**, we will make delivery by truck on terms given, or if at a greater distance, we crate the plants securely and ship by freight. The planting is easily done, but if you cannot do the work yourself, the services of a nearby and usually available gardener may be obtained.

Drive Out and Consult with Us

It may be convenient for you to visit our salesyard, where all the trees and plants that we grow are on display. Bring along your sketch and courteous salesmen will be at your services to give you any information needed and to assist you in your selection. But if this is impossible be assured that we will give complete service and careful consideration when you deal with us through the mail, from the time your sketch is received until the plants are at your door.

We guarantee that your dealings with us will be satisfactory to you.

What About Large Places?

This service is offered to all home owners whose lots have a frontage up to about 75 feet. Larger lots and big country places should have personal attention and a visit. For such places special arrangements are necessary and advisable, and our landscape department is prepared to render such service at moderate cost.



The World's Choicest Roses

Armstrong Roses are blooming, thriving, and giving satisfaction to their owners in all sections of the United States from the Atlantic to the Pacific and from the Great Lakes to the Gulf of Mexico. Unsolicited testimonials from every state in the Union, and from Canada as well, tell us that our customers are more than pleased with the results they get from our roses, no matter where they may be planted. We believe that this is largely due to the fact that we are content to grow and send out only the strongest, sturdiest, field grown rose bushes that it is possible to produce. We like roses, and derive a great deal of pleasure from growing them, and we send out to our customers only bushes that will give them the same pleasure and satisfaction.

All of our plants are budded on Ragged Robin (*Gloire des Rosomanes*) root, with the exception of some of the Hybrid Perpetuals and Polyanthas which do best when grown from cuttings. All of our bushes are ready to burst into bloom within a few weeks after planting.

Most of the finest roses are **HYBRID TEAS (HT.)**, and all varieties listed in this catalog belong to this group unless some other abbreviation follows the name. These are the **Everblooming Roses**, so called because they flower continuously, or at brief intervals, all through the spring, summer, and fall. The Hybrid Teas thrive over all of the American continent, but most of them must have some winter protection where the temperature goes down to zero. The **TEA ROSES** (designated **T**) are also everblooming but not quite so hardy as the Hybrid Teas and do best in mild climates.

Armstrong Roses are available as dormant bare rooted plants from December 15th to May 10th, and as such may be shipped anywhere safely and cheaply. During the rest of the year they are available as blooming plants in containers, which are quite heavy to ship to distant points.

New Roses of the Year Two Irish Beauties

Mrs. Sam McGredy (McGredy, 1929). The more we see of this Irish lady with the wonderful complexion the more enthusiastic we become. And we have yet failed to find anyone who did not greatly admire the flowers, which are of a beautiful copper-orange color, heavily flushed with Lincoln-red on the outside of the petals. There is no other color in roses like it. The buds are long-pointed, high-centered, and double, with a moderate fragrance. Growth low and spreading. \$1.25.

McGredy's Scarlet (McGredy, 1930). The color of this rose might have been scarlet in Ireland where it originated, but the name is misleading here where it is a bright rosy red, and while the color fades in warm weather, it fades to an even more beautiful shade. A strong grower with great long, slender, beautifully shaped buds, and we believe that many rose lovers will soon make it one of their favorites. \$1.25 each.

Countess Vandal

The sensation of the 1931 foreign rose shows where it won all the medals and trophies. Remarkable for its long tapering buds of coppery bronze and its large perfumed blooms of harmoniously blended rose and salmon, suffused with fiery gold and coppery shades. The plant is exceedingly vigorous and blooms unceasingly throughout the season. \$2.00 each.



SUNKIST

Glorious Sunshiny Tints of the Golden West.

Sunkist — The Golden Rose

We are so enthusiastic about this magnificent new rose, which we have tested thoroughly to our own satisfaction and which we now unhesitatingly recommend to our rose loving friends. The long, beautifully shaped buds and full, open flowers have a predominating color of glorious deep orange-yellow with varying tints of copper, buff, and bronzy pink. These rich sunshiny tints naturally led to the name Sunkist, which is used by permission of the California Fruit Growers Exchange. The plants are tall and vigorous, with stiff straight stems and large handsome foliage which completely covers the branches. The flowers are sweetly fragrant and keep in splendid condition for three or four days after cutting, this long-keeping quality making this lovely rose a very desirable one for cut flowers. Cut in the bud form, the flowers will open slowly for several days and show glorious new tints each day. \$1.50 each.

A Group of Choice New Roses

To the rose enthusiast there are few thrills comparable with that of observing glorious new rose varieties unfold their first petals. Not all new roses remain permanently at the head of the list, but it has always been our policy to test out these new kinds for a year and then offer the best of them to our friends for their gardens. Tested in this way the new roses that we offer are certain to be an advance over the older sorts.

Autumn (L. B. Coddington, 1931). For intense richness of color, this rose outdoes any other variety now in cultivation. The full handsome buds are a superb shade of burnt-orange, and the opening flowers are heavily suffused with russet-brown and bronzy red all overlaid on a background of rich yellow in a color combination reminiscent of the most glorious autumnal foliage. The bush is a good grower, and the foliage is heavily textured and healthy. It would be difficult to give a description of the colors in this rose which would exaggerate. \$1.00 each.

Betty Sutor (McGredy, 1929). A high-centered, very double, long-keeping rose of a pleasing pink combination, light salmon on the face of the petals and a deep pink on the reverse. A splendid vigorous grower from which you can cut many substantial flowers almost every morning during the season. \$1.00 each.

Billy Boiler (A. Clark, 1927). We were a long time getting this beautiful rose from Australia where it originated, and you will find it quite different from the usual type of Hybrid Teas. It sends up many long willowy stems from the base of the plant which go up to 4 or 5 feet. The flowers are freely produced, particularly in spring and autumn, and are a most intense shade of rich scarlet, with a delicate sheen. They are not very full and open rather quickly but nevertheless remain in good condition for a long time, and the color does not fade in the hottest sun. Deliciously fragrant. Just as unusual as its name. \$1.00 each.

Caledonia (Dobbie, 1928). We consider this to be probably the finest white rose grown. The beautifully shaped, long, snowy-white buds are exquisite to behold, and the blossoms possess a delicious fragrance—something that is not true of other white roses. With this rose in your garden, you will find yourself cutting its lovely buds for the table in preference to the highly colored varieties. \$1.00 each.

Dr. Heinrich Lumpe. See "undiscovered gems" on page 31.



IMPRESS

Just Like a Big Salmon-Pink Camellia.

Impress (A. Dickson, 1930). A new variety that is quite out-of-the-ordinary because of the large size and full petalage of the flowers, which gives the full blown blossoms the shape and appearance of a lovely large camellia. The buds are orange-red, and the flowers open to a lovely rich salmon with a golden sheen. Most rose lovers will make it one of their favorites. \$1.00 each.



AUTUMN

Has the Most Intensely Rich Coloring in Roses.

Gruss an Coburg (Felberg-Leclerc, 1927). An interesting flower with deep reddish salmon buds of good shape, opening to a medium-sized bloom of rich apricot, with crisp, beautifully veined little petals, the flower keeping for a long time without showing its center. One of the sweetest perfumes in roses. \$1.00 each.

Golden Dawn (Grant, 1929). From Australia comes this vigorous growing rose which is making friends rapidly. The oval buds are rich sunflower yellow, quite heavily suffused with cerise before opening, developing into splendid large double flowers of light lemon-yellow. The flowers are richly Tea scented. \$1.00 each.

Joy (Beckwith, 1929). The originator maintains that this rose is rose-pink suffused with tangerine. We have never seen a tangerine in California of this color, but certainly this rose has one of the most intriguing shades of pink that can be imagined, and from a multitude of pink roses, we have selected this one as well worthy of trial. A fairly double, high-centered, moderately fragrant bloom. Medium growth. \$1.00 each.

Mme. Nicolas Aussel (Pernet-Ducher, 1930). A rose which combines many of the characteristics of those old favorites. Los Angeles, Mme. Ed. Herriott, and Padre, being a deep orange-scarlet with long narrow tapering buds and fairly double flowers. A good strong grower and its only fault is a little weakness in the neck. A delicious raspberry fragrance. \$1.00 each.

Night (McGredy, 1930). We recommend it because of its unusually dark, rich crimson color, at times approaching the "shades of midnight" with its black and maroon shadings. Quite double, pleasantly fragrant, and a fairly strong, spreading bush. \$1.00 each.

Lucie Marie (A. Dickson, 1930). The buds are of deep coppery yellow, lightly splashed with red, with a slight pleasant fragrance. Here is a rose that does not have to be nursed along because it grows very vigorously up to three or four feet and produces its lovely flowers continuously on long stems throughout the season. \$1.00.

Olympiad (Pernet-Ducher, 1931). At its best, which is usually during the fall months, Olympiad is a magnificent rose, of lustrous oriental scarlet, bright golden yellow at the base. The bud is long and pointed and exquisitely shaped. However, many of those who planted this variety last season were disappointed because the color was so changeable, and indeed we have been disappointed ourselves. Nevertheless, we believe the rose is worth growing for the magnificent blooms that do appear during most of the season. \$1.00 each.

President Deville (Leenders, 1929). While the vivid deep rose color of the flowers is good, it is not extraordinary, and it is the splendid low bushy habit and exceedingly free blooming qualities which cause us to recommend this variety. Bush only 18 inches high but dense and compact and always covered with its brilliant little buds. \$1.00 each.

General Collection of Armstrong Roses



CUBA

Long Buds of Dazzling Copper-Scarlet.

Adele Crofton. A full, double, and lasting flower of salmon-orange, borne on strong stems. The coloring is not spectacular, but is most attractive and it is not so fleeting as many of the highly colored new kinds with but a few petals. Medium upright growth. Moderately fragrant. 75c each.

Angele Pernet. New varieties come and go but there has been nothing yet produced to equal the rich brownish orange color of this lovely rose. The flowers are beautifully formed, semi-double, hold their color well, and possess a delightful fruity fragrance. Of moderate growth, with stiff unbending stems and clean, shiny, glistening foliage. Its marvelous color alone makes it an outstanding rose. 75c each.

Betty Uprichard. A most charming semi-double rose with copper-red buds, opening to lovely bi-colored flowers, soft salmon pink on the inner surface of the petals and glowing orange-carmine outside. The plant is tall and erect, and the stems are long. The blooms open quickly in warm weather, but its superb coloring has made it popular. 50c each.

Canary. A golden yellow bud, opening to a medium-full flower of the same shade, possessing a pronounced fruity fragrance. The growth is vigorous and the attractive glossy foliage makes a fine background for the splendid golden buds. 75c each.

Cecil. A wonderful decorative, new, single rose with good-sized five petalled flowers of a glorious buttercup-yellow, often 5 inches across. There is no other variety anything like it. Blooms continuously on a large, densely branched bush with immense, glossy green, mildew-proof foliage. 75c each.

Charles P. Kilham. This variety has many of the finest characteristics of that favorite variety, Mme. Edouard Herriot, including an even more brilliant coloring of coral-red and orange, but unlike Herriot it has long, straight stems for cutting, larger foliage, and a slight fragrance. The bush is vigorous and widespreading. 75c each.

Clarice Goodacre. This rose has not been generally known in this country, but we are listing it because we consider it to be one of the very finest white roses in existence. The buds are beautifully formed, long and pointed, ivory white in color. The flowers are quite double, hold their shape well, and are delightfully fragrant and lasting. 75c each.

Constance. The bush forms a rich nest of bright green, glossy foliage profusely covered all through the growing season with its beautiful orange-yellow buds lavishly streaked with crimson, opening to full, flowers of various shades of yellow. 50c each.

Price Reductions for Quantities

Select any roses to make these quantities.

Each Rate	10 or more	50 or more
\$1.00.....	\$.90 each	\$.80 each
.75.....	.65 each	.55 each
.50.....	.45 each	.35 each

Postage extra, except on group offers. See page 1.

Crimson Queen. One of the finest red roses for the hot summer climates of California and Arizona because it likes the heat. Long, well-shaped buds of crimson opening quickly, but fine when cut in the bud. 50c each.

Cuba. This dazzling new rose somewhat resembles Padre, but its brilliant long orange-scarlet buds are deeper in color with heavier stems. A semi-single rose, tall in growth, producing a continuous succession of richly colored blooms. 50c each.

Daily Mail Scented Rose. This exceedingly fragrant rose is intense velvety crimson shaded with maroon and vermilion. The long, tightly rolled buds are exquisitely formed, although they open rather quickly to an open flower of few petals, which keeps a long time when cut. A tall, vigorous grower, and richly scented flowers are profusely produced. 75c each.

Doris Trayler. Long, slender, tight buds of a delicate shade of orange-apricot, shading to yellow at the base, and with considerable red shadings. Moderately fragrant; with rich green, glossy foliage, and a vigorous plant. The beautifully formed buds are its most attractive characteristic. 75c each.

Edward Mawley. A big, bold, handsome rose of very dark crimson with enormous petals. Its great buds open out to great cup-shaped flowers, with all their size not a bit coarse. 50c each.

Elizabeth of York. Large, high centered, lasting, very fragrant blooms of cerise-pink. A warm glowing color which is not found in any other rose. Extremely valuable either for cut flowers or for garden display. 50c.

Edith Nellie Perkins. See "undiscovered gems," page 31.



DAINTY BESS

The Best Single Rose

Dainty Bess. The finest single rose introduced in years. The five-petaled flowers are borne in clusters of three and are delicate pink in color, with a brownish-red overcast, and a contrasting center of wine-red stamens. The flowers are very lasting when cut, and the bush is strong, very tall, and vigorous, blooming continuously. 75c.



GOLDEN EMBLEM

The Favorite Yellow Rose of the Pacific Coast.

Dame Edith Helen. Though there are many fine pink roses, this one remains a leader. Big full double flowers of glowing pink, freely produced on a vigorous upright, long-stemmed bush. Its immense size, fully double blooms and delightful fragrance, combined with its unusual lasting qualities when cut, make it a rose for every garden. See colored illustration on opposite page. 50c each.

OH BOY! What a Color

Duchess of Athol. For novelty and intensity of coloring, this rose is outstanding. The full, double flowers on their heavy stems possess an extremely rich shade of copper-bronze flushed with orange and old rose. The color is similar to that of Angele Pernet, but greatly intensified. Exceedingly vigorous with bronzy-green foliage, and especially commendable for its stiff, erect stems. 75c each.

E. G. Hill. Here is the finest new red rose in several years, with immense flowers of very lasting, dazzling scarlet, never fading or turning blue, but actually becoming deeper red as it opens. The flowers are borne on long stems, and are deliciously fragrant. The foliage is abundant. There are few of the older red roses which will rival E. G. Hill, for it is truly a magnificent red rose. See colored illustration at right. 75c each.

Etoile de Feu. Large cupped flowers of flaming pinkish orange, absolutely full to the very center, borne on long stiff stems continuously. A dwarf bushy plant, with glistening healthy foliage. 50c each.

Etoile de France. A sparkling red rose which has long been a favorite in its color because of its continued bloom, beautiful color and rich fragrance. It is particularly good in hot dry weather, and we recommend it for the interior sections. 50c each.

Etoile de Hollande. This magnificent red rose is ranked among the first three of its color by everyone who knows roses, and many will place it first. The perfect buds are of medium size, opening beautifully and cleanly into glorious great flowers with incomparable fragrance, holding its brilliant color to the end. The bush is strong, free branching, and healthy. A rose that actually has no serious fault. 50c each.

Florence Pemberton. For cut flowers this is most satisfactory because of the extremely strong growing bush and long, upright flower stems. The color is creamy white suffused with pink, and the bud is perfect in form, with a high-pointed center. Particularly good for Arizona and interior valleys. 50c each.

Feu Joseph Looymans. Always draws enthusiastic praise from those who see it. Great long, slender buds of buff yellow shaded vivid apricot in the center, opening to large, fairly full flowers. Growth strong and upright. The bushes are seldom without blooms during the growing season. 75c each.

Fontanelle. This fine rose has the largest buds and flowers of any yellow variety that we grow, and they are beautifully shaped and quite full. The color is lemon-yellow, deepening to gold in the center; moderately fragrant flowers. The buds astonish with their gigantic size. 75c each.

Gaiety. A plump little bud of coral-pink, with considerable red on the outside of the petals, opening to a flower of pale salmon. A very strong grower, with stiff stems and good keeping qualities. Excellent as a buttonhole flower or for a dainty basket of buds. Best in cool weather. 75c each.

General McArthur. This was for a long time the leading red rose and it is still deservedly popular, with its flat, open, exceedingly sweet scented blooms. The bush is strong and free blooming, and the flowers are particularly fine in early spring and late autumn. 50c.

Golden Emblem. The lovely long buds of golden yellow are beautifully tinted with crimson on the outer petals, the colorings changing with weather conditions, but offering a delightful contrast at all times. Opens to a full golden yellow flower. The glossy green foliage is particularly fine, does not mildew, and the buds are borne on long stiff stems above the strong growing, vigorous bushes. Blooms freely and continuously. Golden Emblem has yet to be displaced as the most popular yellow rose on the Pacific Coast. 50c each.

Golden Ophelia. A flower of medium size, deep golden yellow; of perfect symmetrical form, and the plant is a sturdy stiff-stemmed grower. 50c each.

Gruss an Teplitz. An old favorite red rose, always covered with its bright cherry crimson flowers, which often cover the plant, and are intensely fragrant with the rich perfume that so many new roses lack. A large bush, very hardy. 50c each.

Harry Kirke. T. We like to recommend it because it is one of the few pure Tea Roses still generally grown. Deliciously fragrant. Color deep sulphur-yellow, with long gracefully formed buds. 50c each.

Hortulanus Budde. The semi-double, fragrant flowers are the same brilliant red as Paul's Scarlet, and the low, compact bush makes a continuous display of bright color. 50c each.

Irish Elegance. A single flower similar to Irish Fire-flame but lighter in color. Bronzy pink buds, opening with shades of apricot and yellow. 50c each.



E. G. HILL

One of the Most Magnificent of Red Roses.

The Two Most Popular Red Roses

Hoosier Beauty. An intense rich dazzling scarlet with darker shadings, and acknowledged to be one of the best and most highly colored red roses. The beautifully formed flowers have a texture like velvet and possess a delicious fragrance. The plants are never without flowers in the blooming season and the blooms never fade or turn blue. 50c each.

Hadley. Everybody knows this old favorite, which, with its brilliant rich crimson color, vigorous growth, long stems, mildew-proof foliage, full blooms, and rich fragrance, is close to the top in red roses. 50c each.

Innocence. Great stiff-petalled flowers four to six inches across. This is the one single white rose worth growing and it is a beauty. It has a lovely long slender ivory bud, and the blossom possesses a spicy fragrance which is not found in any other rose. The amber and brown stamens are very beautiful against the creamy white background of the open flowers. 75c each.

Irish Charm. A gem of exquisite form in the bud and open flower, deep blush pink, with a deeper apricot tint in the unopened bud. It undoubtedly produces more perfect buds for cutting than any other rose in our fields. 50c each.

Irish Fire Flame. A beautiful single-flowering variety. The buds are wonderfully rich in coloring; a rich deep orange, splashed with crimson, opening to a large single flower of satiny old gold. 50c each.

Isobel. The largest of all the single roses. The long bud is orange-carmine and in dull weather the open flower is the same rich shade, fading to a clear coral-pink in the sun. Bush grows tall and willowy and flowers have very long stems. 50c each.

Ivy May. Rose lovers who like perfect symmetrical blooms will like this sweet-scented, beautifully formed flower. The color is a bright sparkling pink, shading to amber at the base. 50c each.



DAME EDITH HELEN

Immense Size, Delightful Fragrance, Clear Color.

I. Zingari. Vivid orange-scarlet buds, opening to almost single, vivid orange-yellow flowers. The strong bushy plant is always covered with the flowers and looks like it was covered with bursts of flame. Very decorative when cut and used indoors. 75c each.

Joanna Hill. A slender, daintily colored variety of orange-yellow. The flowers are moderately fragrant and excellent for cutting because they last a long time and are borne on long, upright stems. 75c each.

J. Otto Thilow. See "Three Undiscovered Gems" page 31.

Jonkheer J. L. Mock. The flowers produced with great freedom on long stiff stems; of large size and perfect form; a deep imperial pink in color, the outside of the petals being silvery rose. 50c each.

Julien Potin. It has the same brilliant, clear yellow color of the Claudius Pernet rose, but the buds and flowers are larger and always open out into perfectly formed blooms. Possesses a delightfully sweet perfume and glossy, bronzy-green foliage. 75c each.

K. A. Victoria. Pure ivory white; producing quantities of beautiful buds and full flowers. Long considered the best white rose for California because it blooms so freely and continuously. 50c each.

K. of K. An intensely brilliant scarlet rose with a velvety sheen. The flowers are semi-double intensely fragrant and are wonderful for cut flowers, the dazzling color being intensified under artificial light. 50c each.

Lady Barnby. One of the finest clear pink roses for cutting. The large, broad petalled buds and flowers keep well, and the lovely clear rose-pink color and sweet scent are not surpassed in any other pink rose. Strong, vigorous and free blooming. 75c each.

Lady Margaret Stewart. Buds of deep sunflower yellow, heavily veined and splashed with orange-scarlet, sometimes entirely of the latter color, and opening to a firm full flower, the general color effect of which is cadmium orange. The flowers are quite fragrant and the leathery sage green foliage which covers the long rigid stems seems to be entirely disease-proof. See colored illustration at left. 50c each.

First in Fragrance

Imperial Potentate. Dark shining rose-pink in color, very double, with firm heavy petals. Not only is it one of the finest pink roses in color, form and texture, but it possesses a most delicious fragrance which we believe is unexcelled among pink roses—or any other color for that matter. 75c each.



LADY MARGARET STEWART

Reds and Yellows Run Riot in this Flower.



LI BURES

Maroon-Red Buds, Brilliantly Tinted with Pink, Orange, and Yellow.

Lady Forteviot. A rose which is evidently related to that favorite variety, Angele Pernet, because it has the same healthy, glossy foliage and the same shaped buds and flowers. However, it is a much stronger grower, and the color is soft apricot-yellow, the flowers possessing a rich fruity fragrance combining the aromas of quince, apple, and pineapple. 75c each.

Lady Hillingdon. T. Beautiful long buds opening into cup-shaped flowers of golden yellow with no other shades. One of the best, most dependable yellows. 50c

Ladylove. Beautifully formed buds of amber, apricot and soft pink. A wonderful rose for cutting because of the lovely form, keeping qualities and stiff stems. Bush of medium height. 75c each.

Lady Mary Elizabeth. We have been admirers of this rose since we first glimpsed its brilliant cerise-pink blooms. The buds are large and long-pointed, while the flowers are very double and high-centered and extremely fragrant. Plants are tall and upright. The long stems make it a beautiful rose for cutting. 75c each.

Li Bures. A lovely rose from Spain remarkable because of its kaleidoscopic colorings. The bud is maroon-red, and as the flower opens, bright shades of pink, orange and yellow become visible, and when it is fully opened, the outer petals are usually bright pink and the center salmon-orange. In shape and color Li Bures is somewhat similar to President Hoover but the red tints are deeper and much more prominent in the open flower. See illustration above. 75c each.

Lord Charlemont. Very large, beautifully formed, high-centered, crimson flowers on stout rigid stems. The plant is free in growth and bloom, and the flower is so magnificent and the color so superb that we consider it to be easily one of the best three or four red roses. See illustration on opposite page. 50c each.

Los Angeles. This is the ideal American garden rose, one of the finest varieties ever introduced. A California product, and in color emblematic of the Golden West, it has gained international recognition as the peak of excellence in the rose. The color is a glorious rich flame-pink, shaded golden yellow. 50c each.

Louise Catherine Breslau. Buds coral red, opening to cup-shaped flowers of salmon orange, shading to various degrees of pink, orange, and copper. Bush low, compact and many branched. 50c each.

Lulu. We have always pushed this fine little rose because of the great quantities of dainty, extremely long and slender buds of coral-apricot, with which the bush is covered at all times. We do not believe there is a rose more exquisitely formed in the bud stage than Lulu. An astonishingly large percentage of rose lovers will put Lulu at the very top of their list of roses. 50c.

Price Reductions for Quantities

Select any roses to make these quantities.

Each Rate	10 or more	50 or more
\$1.00.....	\$.90 each	\$.80 each
.75.....	.65 each	.55 each
.50.....	.45 each	.35 each

Postage extra, except on group offers. See page 1.

Maman Cochet. T. A popular old Tea rose, carmine-pink with a white center, large and extremely double, borne on a very large bush producing hundreds of flowers in a season. 50c each.

Margaret McGredy. A brilliantly colored masterpiece, of glorious orange scarlet or brick red. Rather a short stout bud opening to a large, full, magnificent flower. No lanky leafless stems here, but a beautiful, heavily foliaged, well-branched bush, forming a contrast for the dazzling flowers. 75c each.

Mari Dot. The large artistically shaped bud and fine, large, double, open flower are a uniform shade of apricot-orange. The flowers open slowly, are beautiful at all times and possess a delightful perfume. The bush is vigorous but low and wide spreading. The combination of color, keeping qualities, and fragrance is hard to beat. 75c each.

Miss C. E. Van Rossem. Velvety, dark red, perfectly formed buds and flowers, with wavy petals; not very large, but very freely produced. The medium-sized, bushy plant produces an amazing quantity of beautiful buds. 75c each.

Miss Rowena Thom. A cross between those two popular roses, Radiance and Los Angeles, with enormous, very double flowers of rose-pink. While the color and shape are not out of the ordinary, it is a good garden rose because of its very vigorous habit of growth, the great quantities of flowers that it bears, and the size of the blooms. 75c each.

Mme. Butterfly. Deep shadings of apricot and gold on a background of brilliant pink. The delicately modeled flowers are exquisite in both color and form and since it also possesses fragrance and lovely foliage, it cannot be displaced as a favorite rose in most gardens. 50c each.

Mme. Caroline Testout. Color clear bright satiny pink; very fragrant; flowers large and showy. 50c each.

The Armstrong Miniature Rose Garden

Here is a collection of 12 roses made up for those planters who want a rose garden but who do not wish to put much money into it. It includes only the very finest varieties in a wide range of colors, only strong growing kinds that anyone can succeed with, and that will provide a continuous supply of blooms for cutting. See alphabetical list in these pages for detailed description of each variety.

E. G. HILL.....	Red
ETOILE DE HOLLANDE.....	Red
HADLEY	Red
DAME EDITH HELEN.....	Rose-Pink
CHARLES P. KILHAM.....	Orange-Pink
LOS ANGELES.....	Flame-Pink
DUCHESS OF ATHOLL.....	Copper-Bronze
MARI DOT.....	Orange
PRESIDENT HOOVER.....	Multi-colored
TALISMAN.....	Yellow and Red
GOLDEN EMBLEM.....	Yellow
CONSTANCE	Yellow

The regular single rate cost of these 12 splendid plants is \$7.50 without postage and we offer the entire group for..... **\$5.00**

(Postpaid to California, Arizona, Nevada and Utah.
(To Other States, \$5.75 Postpaid)

Ask for Rose Offer No. 1



LORD CHARLEMONT

Big Velvety Red Blooms on Long Stems.

Mme. Edouard Herriott. This vivid rose always catches and holds the eye first. Its red hot copper shade in the bud and softer coral tint of the open flower are probably the most sensational colorings produced in any rose. Won a \$5,000 prize offered by the "Daily Mail" of London, and has been famous ever since. The stems are sometimes weak and the bush is thorny, but it is indispensable in every garden. 50c each.

Mrs. Beatty. Probably the best light yellow variety we grow. The soft even shade of creamy yellow is very pleasing, and the buds are always well shaped, the bush seldom being without blooms. The bush is low, but spreading and vigorous. The foliage is mildew-proof. Not the least of its valuable characteristics is the delightful fragrance. 75c each.

Mrs. A. R. Barraclough. Lovers of good roses will have to make a place for this one. Large conical buds and enormous pure pink flowers shading to yellow at the base of the petals. Unusually fragrant. 50c each.

Mrs. Erskine P. Thom. We have just about concluded that this is the most valuable yellow rose for the garden, and many of our rose friends will agree with us. The nicely shaped buds and well shaped open flowers are bright canary-yellow without other shadings, and the strong growing, vigorous bush is lavish with the blooms. Taking color, form of flower, blooming habit, and growth into consideration, we know of no other yellow rose that we would prefer to recommend ahead of it. See colored illustration on page 32. 75c each.

Mrs. Chas. Bell. Of the same type as Radiance, but the flowers are a soft shade of shell pink with salmon background. A constant bloomer unaffected by the weather. 50c each.

Mrs. Henry Bowles. A very large, firm ovoid bud of warm glowing pink, opening to big full flowers. Because of its good clear color, good substance and freedom of bloom, we place it among the best pink roses. It opens slowly and there is nothing fleeting about it. 50c each.

Mrs. G. A. Van Rossem. There is no more brilliant and out-of-the-ordinary color in roses than is found in this variety. The general color effect is intense orange overlaid on a dark golden yellow ground, the brilliant coloring being intensified by the rich bronze veins which stand out over the petals and look as though they had been pencilled on. The bush is of medium growth; the stems stiff, heavy and upright. A spectacular rose. See colored illustration on page 33. 75c.

Three Undiscovered Gems

Here are three pink roses that we consider to be among the finest of their color—so fine that we would not think of making up a planting for our own enjoyment without including them. Two of them have been offered for several years but have been more or less unappreciated because there are so many pink roses and because the names do not lend themselves to ballyhoo. The third, **Dr. Lumpe**, is new but has such an unfortunate name that we fear it will be overlooked also. So we have grouped these three pink kinds separately in order to call attention to them.

Edith Nellie Perkins. We fell in love with this rose when we first saw it and our opinion has not changed. The flowers are two-toned; buff colored inside the petals and a rich salmon or coppery pink outside. The long buds are splendidly shaped, have excellent stiff stems for cutting, and are produced in great quantities on the strong vigorous bush. The only thing it lacks is fragrance and we can forgive that for its other fine qualities. 75c each.

J. Otto Thilow. The buds of this variety have just about the most perfect form of any rose grown and they open out into a full lasting flower which keeps well. Color is rose-pink, similar to Rose Marie, but the flowers are much larger and are on stiffer stems. 75c each.

Dr. Heinrich Lumpe. (Berger, 1928). This is the only rose in our list that originated in Czecho-Slovakia and probably it has a good name in the Czech (or Slovak) language but it is a horrible name to inflict upon a rose in this country. Nevertheless, you will find it one of the finest roses of its color that you have ever grown, with long, splendidly shaped buds of rich deep pink, and with crisp heavy petals which do not fluff regardless of weather conditions. Long stiff stems for cutting, a vigorous bush, sweet fragrance, great large dark green leaves. \$1.00 each.

Mrs. Lovell Swisher. Its long, exquisitely formed buds, very double, are deep coppery-salmon, passing to delicate salmon and flesh at the edges. A rampant, tall grower, bearing an endless succession of perfect flowers. 50c each.

Modesty. This rose should be much more widely planted. It has the longest, largest and most perfectly formed buds of any rose we grow, the color being pearly cream, flushed rose. The plant is of medium size, 75c



LULU

Exquisite Slender Buds of Coral Apricot.



MRS. ERSKINE P. THOM

Probably the Finest Clear Yellow Rose.
See description on page 31.

Nona. It has the same appeal possessed by that dainty little rose, Lulu, but the buds are even longer than those of that variety, and the bush is loaded with them at all times from early in the spring until late in the fall. The blooms are semi-double, of rich vermilion and flame-pink. The bush is tall and the stems are very long and upright. 75c each.

Ophelia. In cool weather this rose which has long been considered to have the ideally formed rose bud, is salmon flesh with tints of darker pink and gold. In hot weather it is creamy-white. Not a free bloomer, but exquisite when the blooms do come and worth growing for its delicious fragrance. 50c each.

Portadown. A most magnificent full, high centered bud and flower of a peculiar rich deep scarlet, which cannot be described and must be seen to be appreciated. Bush of moderate growth, with excellent foliage. The color is so extraordinary and the flower so magnificent that you will be continually cutting specimens to show your friends. 75c each.

Red Rose Collection

We have found that most people prefer **RED ROSES** to those of other colors, and to make it easier to secure a good collection of the best red kinds, we have made up this special list, including the new kinds, Billy Boiler and Portadown.

BILLY BOILER
CRIMSON QUEEN
DAILY MAIL SCENTED
ETOILE DE FRANCE
ETOILE DE HOLLANDE
E. G. HILL
GENERAL McARTHUR
HADLEY
HOOSIER BEAUTY
PORTADOWN

If you purchased at the single rate, the cost would be \$6.25 without postage, but our special price for the group is..... **\$5.00**
Postpaid to California, Arizona, Nevada and Utah.
(To Other States, \$5.50 Postpaid)

Ask for Rose Offer No. 2

A Sensational New White Rose

Portadown Ivory. This variety is creamy ivory white, remarkably lovely and delicate in texture, which turns to a very clear white as it opens. The buds are just about as perfect as roses can be and the flowers possess a light damask perfume. Its purity, grace, and beauty almost take your breath away, and those who say they want no white roses change their minds rapidly when they see this rose. 75c each.

Padre. An extremely effective rose of rich copper-scarlet. The flowers are semi-double, borne on long straight stems on a very tall bush. While tending to hang its head when cut, the remarkable color and freedom of bloom make Padre an exceptionally fine rose. 50c each.

Patience. The color is difficult to describe but in general, is scarlet-carmine, varying at times to orange-scarlet and carmine. Long slender buds of which the bush is full at all times, expand into a splendidly formed flower which holds its color well. Provides an amazing quantity of wonderful buds for cutting. 50c.

President Herbert Hoover. The fame of this wonderful multi-colored rose has swept the country and certainly no rose planting would be complete without it. It combines many shades of cerise-pink, flame, scarlet, and yellow, the long buds being beautifully formed, opening slowly and possessing a most delicious fragrance. One of its finest characteristics is the magnificent growth of the bush, four feet in one season being only quite ordinary growth for this variety, and it is not a question of how long you wish the stems to be but how long you wish to cut them. Every rose collection should be started off with President Hoover. 75c.

President Jac Smits. For color in the garden or for cutting in bud form no more brilliant red rose can be planted than this variety. The rich velvety scarlet-crimson flowers are semi-double, similar to K. of K. in shape, but much deeper and more brilliant in color. A tall willow grower. 75c each.

Radiance. This rose will probably produce more first-class blooms to the plant than any other variety, and is exceedingly vigorous, hardy, and disease resistant. A lovely light silvery pink, suffused deeper pink, and carrying the most penetrating and delicious damask perfume possessed by any rose. 50c each.



PRESIDENT HERBERT HOOVER

Always Amazingly Beautiful, With a Delicious Fragrance, and How the Bush Does Grow!

Price Reductions for Quantities

Select any roses to make these quantities.

Each Rate	10 or more	50 or more
\$1.00.....	\$.90 each	\$.80 each
.75.....	.65 each	.55 each
.50.....	.45 each	.35 each

Postage extra, except on group offers. See page 1.

Red Radiance. Similar in growth to Pink Radiance, but has big, bold cerise-red flowers which are borne on long heavy stems. Most sweetly damask scented. 50c.

Ragged Robin (Gloire des Rosomanes). A very free blooming rose with semi-double rosy crimson flowers. Of no value except for hedges, where it makes a showy row of color during most of the year. Large two year plants, \$2.50 per 10; \$20.00 per 100.

Rev. F. Page Roberts. The inner face of the petals is a soft buff yellow, and the reverse a rich salmon, while the buds are often stained with copper red. The flowers are large, very double, with a delicious fruity fragrance. Plant is low and spreading. 75c each.

Rose Marie. This is a variety which comes close to being the ideal pink garden rose, and undisputably one of the finest roses for bedding and cutting. A perfectly formed flower, dark rose-pink, with beautifully veined petals, and a rich, sweet perfume. An exceedingly free bloomer with long stems and foliage which does not mildew. 50c each.

Sally Tite. A fine new rose of an entirely new shade in roses, brilliant crimson-cerise, a color which does not fade. The flowers are many-petaled and high-centered, and because of its remarkable color we can highly recommend it. Probably best near the coast. 75c each.

Souv. de Claudius Pernet. Since its introduction from Europe, this has become possibly the most famous of yellow roses and its popularity has not dimmed. A vigorous, erect grower with extremely beautiful bright green foliage and few thorns, producing many exquisite buds on long stiff stems. The flowers are large and full, of a clear sunflower yellow 50c each.

Souvenir de Mme. Boulet. A full deep yellow rose, almost orange in the center of the buds. It combines the best qualities of both Sunburst and Lady Hillingdon and we are not sure but that it is better than either. 75c each.

Sunburst. A favorite yellow rose for many years and still hard to beat, its name typifying its glorious coloring. The buds are large and well formed, produced on long stems, with an intense shade of golden orange lightening to yellow. 75c each.



TALISMAN

A Charming Symphony in Red and Gold.

Talisman. This vividly colored rose has received much publicity and it actually does merit all of the fine things that are claimed for it. The coloring is truly marvelous, being a mixture of orange and yellow in irregular proportions, varying so much that no two flowers are alike. Fairly double, borne on long stems; exceedingly sweet-scented. When you have once seen a perfect bud of Talisman, you cannot rest until you have it in your garden. 75c each.

Vesuvius. The best dark colored single rose. Bright scarlet crimson with a golden center. Sweetly fragrant, and the flowers last for several days when cut. A tall free-blooming bush. 75c each.

Ville de Paris. A clear sunflower yellow rose which does not fade even in the hottest sun. The plant is a vigorous erect grower with handsome glossy reddish green foliage; disease proof, almost thornless and the stems are long. 50c each.

Wm. F. Drear. Displays beautiful color combinations of shell-pink, orange, and golden yellow, as the long-pointed buds open into full well shaped blooms. Closely resembles Los Angeles in everything except color. 50c.

White Maman Cochet. T. Similar to Maman Cochet, but white, flushed with pink on the outer petals. Very large, full and fragrant. 50c each.



MRS. G. A. VAN ROSSEM

A Most Brilliantly Colored Masterpiece.

The Rainbow Quintet

Last season we offered the first three roses named below as the "Rainbow Trio." It proved to be so popular that we are again making an offer including those same splendid multi-colored roses—and since this is a bargain year—we are adding the popular orange colored Mrs. G. A. Van Rossem and the new highly colored Autumn. What a riot of color these brilliant roses will provide!

- President Herbert Hoover
- Talisman
- Li Bures
- Mrs. G. A. Van Rossem
- Autumn

The regular price without postage for this group is \$4.00 Our special price is **\$3.25**

Postpaid to California, Arizona, Nevada and Utah. (To Other States, \$3.50 Postpaid)

Ask for Rose Offer No. 3

Armstrong's Select Climbing Roses

Standard Collection Climbing Roses

In addition to the Hybrid Tea (HT) and Tea Roses (T), described on page 28, we have several other classes among the climbers. The Hybrid Wichurianas (HW) and Hybrid Multifloras (HM) are quite hardy, growing anywhere, and usually bear most of their flowers in one great magnificent burst in the spring or early summer, at which time they are a gorgeous sight. They are splendidly vigorous, and can be used as climbers, for trailing over banks, or can be trained into pillars.

Banksia Yellow. A rampant grower which will spread all over the place, festooned heavily in the springtime with a profusion of little button-like yellow flowers. The stems are absolutely thornless. 50c each.

Black Boy. HT. A new climber from Australia which is one of the finest red climbing roses. The blooms are large, double, very fragrant, deep velvety crimson, shaded blackish maroon and scarlet. A tall rampant climber and the blooms are excellent for cutting, as they are on long, stiff stems. 50c each.

The Giant Belle of Portugal

Belle of Portugal. HG. This wonderful rose has achieved enormous popularity within the past few years in California, and it will be just as much of a sensation in the Southern States, although comparatively unknown there yet. There is no more vigorous grower among roses than this variety and 10 or 12 foot canes the first season are to be expected, so give it plenty of room. The amazingly beautiful salmon-pink buds are also gigantic in size, often 3 and 4 inches in length. Do not expect it to bloom the first year after planting because it is too busy growing, but thereafter be prepared to admire it for it is a mass of bloom from January to June in California. 50c each.



BELLE OF PORTUGAL

A Gigantic Rose in Growth and Flower.

Five Splendid New Climbing Roses

Here are five Roses that have been introduced into California during the past few years and which are so outstanding in the great masses of color that they give to our California gardens that we are grouping them here separately to emphasize their worth. Three are from England, one from Australia, and one from Spain, but they are all very much at home here on the Pacific Coast.

Chaplin's Crimson Glow. This is the first time we have offered this colorful new rose from England which is very similar in growth and blooming habit to Paul's Scarlet, but the flowers are a deep crimson with a white spot in the center, providing a distinct but pleasing contrast. Quite out-of-the-ordinary among climbing roses. 75c each.

Chaplin's Pink Climber. A marvellously vigorous and colorful rose which can be trained to fit almost any specified space. It will disappoint no one in the quantity of its beautiful flowers for it produces them profusely in great trusses of from 8 to 12 flowers each, so that the entire plant is a mass of vivid brilliant pink. Paul's Scarlet is one of its parents and it rivals that popular rose in its brilliant mass of color. 75c each.

CHAPLIN'S PINK CLIMBER OFFERED FREE

If requested, we will add to each single order for Bush or Climbing Roses amounting to \$10.00 or more one plant of Chaplin's Pink Climber described above. But be sure to ask for it

Kitty Kininmonth. We recommend this beautiful showy Australian Rose without qualification for the flowers are supremely lovely. Very large, ruffled, semi-double blooms of bright fadeless beauty of its flowers will be appreciated. 75c each.

Mme. Gregoire Staechelin. A remarkable new climbing rose from Spain, making a vigorous growth suitable for covering the largest spaces, and producing an extraordinary abundance of glorious carmine-pink blooms in the spring, the flowers coming three to five on a stem and opening one after the other so that the blooming season is unusually long. The buds are longpointed, and the wavy petals form a large, semi-double cup, radiating a delightful fragrance. 75c each.

Paul's Lemon Pillar. This is not a new rose but is almost unknown on the Pacific Coast, and it is of such an unusual character and the flowers are so very attractive that we call particular attention to it. It is of medium growth, with very long, pale lemon-yellow buds, opening to extremely large, full, and very fragrant, sulphur-yellow flowers, each flower borne on a long strong stem. 75c each.

If purchased individually, these five roses will cost \$3.75 without postage.

[Ask for Rose Offer No. 4.]

Postpaid to California, Arizona, Nevada and Utah, To other states, \$3.40

For the group, our special price is

\$3.20



CLIMBING CECILE BRUNNER

Creates a Bower of Beauty in a Very Short Time

Bloomfield Dainty. Little orange-yellow buds and medium sized single flowers of clear canary yellow, borne against a background of dark green glossy foliage. It is in bloom during nine months of the year, and is eminently satisfactory either as a large shrub or as a medium sized climber. 50c each.

Bloomfield Quakeress. This is a real everblooming climber, which is something unusual in roses. The flowers are soft creamy yellow, semi-double, long stems, and attractive little buds, borne all through the spring, summer, and fall. A very strong grower, and the clean-looking, glossy green foliage is just as attractive as any ornamental vine that can be planted. Not hardy in cold climates but splendid for California and the Southern States. 50c each.

Climbing Belle Siebrecht. HT. The flowers are large, exceedingly graceful, full and double; buds long and pointed. A brilliant rich, deep pink. 50c each.

Climbing Cecile Brunner. Poly. We do not need to describe it for it is an old favorite in California, and everybody likes it for its great quantities of miniature little blooms and its strong growing habit. 50c each.

Cascadia. Small, single, creamy white flowers, borne in large heads along the arching canes. Splendid for training over a low wall against a pillar or to fill a corner. Growing to 6 feet or more, with excellent foliage, and blooming continuously throughout the summer. 50c.

Cl. General McArthur. HT. A true sport from the popular bush variety possessing the same bright scarlet crimson shade. Climbs vigorously. 50c.

Cl. Hadley. Those who like the bush variety will be able to find a place for this vigorous climbing sport, which will produce many times the number of flowers in a season that can be produced on the bush. 50c each.

Cl. Hoosier Beauty. HT. Like the bush form in all respects except for its vigorous climbing habit. Rich velvety scarlet, long stemmed and fragrant. 50c each.

The Favorite Cherokees

We like to recommend the old single flowering Cherokee Roses for California because they fit in so well with our colorful informal landscapes. The foliage, unlike most climbing roses, is a bright shining green at all times during the year, and the perfect delicately colored flowers produced in great masses in the spring and to a lesser degree throughout the rest of the year are lovely indeed. Always allow them to ramble unpruned over the object to be covered.

White Cherokee. Great masses of waxy white flowers. 50c each.

Pink Cherokee. Bright rose-pink with golden stamens. 50c each.

Red Cherokee. Soft rosy red flowers. 50c each.

Cl. Irish Fireflame. HT. Produces in profusion all summer the sprays of bright colored flowers tinted orange, crimson and gold. 50c.

Climbing K. A. Victoria. HT. A grand white climbing rose; large, deep and double; it is the strongest growing, freest blooming and most satisfactory of the white climbing roses. 50c each.

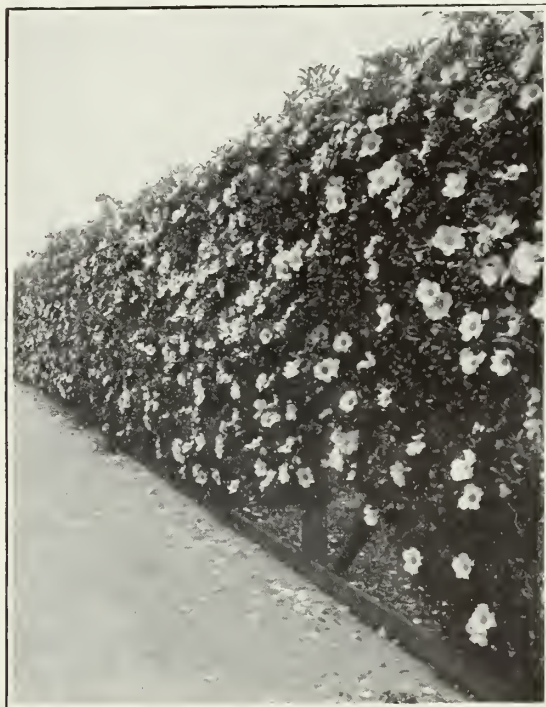
Climbing Lady Hillingdon. T. The old golden yellow favorite with the strong tea fragrance in a splendid climbing form. 50c each.

Cl. Los Angeles. HT. The Los Angeles rose is one of the most popular bush roses grown. Here is a strong vigorous climber with the same glorious flame-pink color and freedom of bloom. 50c.

Climbing Maman Cochet. T. Identical with the well-known bush variety, but with a strong climbing habit. Clear, rich pink. 50c each.

Cl. Mrs. Aaron Ward. HT. This variety in the bush form is one of the most charming of all roses, and this is a good vigorous climbing sport. Tawny golden buff flowers, produced all summer. 50c.

Cl. Mme. Edouard Herriott. HT. A climbing rose with the sensational coppery coloring of Mme. Edouard Herriott. The flowers are produced in profusion all summer and are just as bright to color and even better in shape than the bush. 50c.



CHEROKEE ROSES

A Marvelous Display of Bloom in Springtime.

The Sensational New Everbloomer

BLAZE. (The new everblooming Paul's Scarlet Climber). A new patented climber offered this year for the first time which has all the good qualities of the famous Paul's Scarlet, including its great masses of vivid scarlet-red blooms, with the addition of an everblooming habit, carrying its brilliant flowers all through the growing season. It can be trained as bush, large shrub, or climber. \$2.00 each.



GOLD OF OPHIR

For Sixty Years a Favorite in California.

Cl. Radiance. HT. Wherever roses are grown, Radiance is popular. This climbing sport of the fine, silvery-pink rose grows to about 8 or 10 feet, and produces a great profusion of blooms. 50c.

Cl. Red Radiance. HT. Another climbing sport of a much-liked rose originating in our fields. A strong grower, and the big red stiff-stemmed blooms are just as numerous and fine as on the bush. 50c.

Cl. Rose Marie. HT. The beautifully formed rose-pink flowers are larger than on the bush form; they are borne in greater profusion all during the spring, summer and fall and they are just as fragrant, yet this climber will make an enormous plant 8 or 10 feet high in one season and bloom while doing it. A wonder. 50c.

Cl. Souvenir de Claudius Pernet. The most famous yellow rose now has a climbing counterpart with the same brilliant, unfading color. 50c.

Climbing White Maman Cochet. T. Identical with the well-known White Maman Cochet bush rose, with the addition of its climbing habit. 50c.

Climbing Wilhelm Kordes. One of the popular new multi-colored roses in an 8 foot climber. Beautiful large buds of red, pink, and yellow. 75c each.

Climbing Sunburst. HT. A vigorous sport of the popular bush rose, and bearing continuously large, deep, golden-yellow buds. 50c each.

Dorothy Perkins. W. A hardy, vigorous spring blooming climber which is always dependable for porches, pergolas or banks. Great clusters of small, very double, shell-pink flowers. 50c each.

Dr. Van Fleet. A beautiful hardy climber, rampantly vigorous in growth, and producing in the early spring quantities of light pink roses the color of apple blossoms, on long individual stems. 50c each.

Emily Gray. Glossy, Holly-like foliage, with clusters of bright yellow flowers in the spring. 50c each.

Gold of Ophir. N. Some of the finest old rose plants in California are of this variety. A marvelously beautiful thing in the spring with its mass of old gold and apricot flowers which literally cover the plant. 50c.

Jacotte. A spring bloomer with lovely 2½-inch flowers of salmon-orange, delightfully scented. The foliage is rich, dark, glossy green, more handsome and disease-resistant than most climbers. 50c.

Marechal Neil. T. This superb old lemon yellow variety with its large globular, highly perfumed blooms, still remains deservedly popular. 50c each.

Price Reductions for Quantities

Select any roses to make these quantities.

Each Bate	10 or more	50 or more
\$1.00.....	\$.90 each	\$.80 each
.75.....	.65 each	.55 each
.50.....	.45 each	.35 each

Postage extra, except on group offers. See page 1.

Lamarque. Noisette. A good old dependable white spring bloomer. A mass of flowers in spring. 50c.

Mermaid. Exquisitely beautiful single flowers of great size, pure ivory white with a lemon center. It blooms steadily throughout the season at the tips of the new growth and while it may climb, it does best as an unpruned rambling shrub. The beauty of its flowers will fascinate you. 75c.

Mrs. Geo. C. Thomas. Grows to 8 or 10 feet, bearing in loose clusters its beautiful, long, coppery orange buds, opening to salmon-pink flowers suffused with yellow. Very fine for table decoration. 50c.

Paul's Scarlet Climber. WH. The flowers are an intense vivid scarlet, semi-double and are very freely produced in clusters of from 3 to 20 blooms on long much branched canes, the plant being a mass of color from top to bottom. The flowers do not fade but maintain their color until the petals fall. It is a strong grower and there is nothing to compare with it for striking effect. See Blaze, the new Everbloomer, on page 35.

Phyllis Bide. Cl. Poly. Blossoms about the same size as the well-known Cecile Brunner. The long branching shoots produce great quantities of sprays of the dainty little flowers which are pale gold at the base, shading to soft pink at the outer edges of the petals. Unlike most other climbers of this type, it blooms throughout the season. 50c.

Primrose. HW. Bright primrose-yellow flowers, medium size, full, and lasting, slightly fragrant, borne on a very vigorous plant, with rich green, glossy, disease-resistant foliage. One of the best yellow climbers for moderate height. 50c each.

Reine Marie Henriette. N. Another fine old-timer which is well worthy of planting in California. Bright rich red flowers, borne in profusion. 50c.

Reve d'Or. N. Flowers deep yellow with a salmon center, full and fragrant. Long a favorite in California and the South. 50c each.

Silver Moon. HW. One of the most exquisite of climbers with gigantic, single, saucer-shaped blooms of pure white, borne in sprays. The plant is of extraordinary vigor, growing 15 to 20 feet in one season. 50c



PAUL'S SCARLET CLIMBER

For a Brilliant Mass of Red It Has No Equal.

Armstrong's Select Tree Roses

Standard or Tree-shaped roses differ from ordinary bush roses in that they are budded into a stalk of some strong growing variety at a height of 2½ feet from the ground, forming a bushy head at the top of a long stem.

Many rose varieties produce even more blooms when grown in this way than on an ordinary bush, and for lining walks or planting in locations where height is desired, Tree Roses are very effective. We grow what we believe to be the finest Tree Roses in the country and very specimen sent out by us will have a large, bushy, uniform head on a stout straight stalk.

Most of our Tree Roses are taken up with a ball of earth on the roots, but when they are to be shipped a long distance by rail, we remove the earth to save weight. Detailed descriptions of the varieties named will be found under the Bush Roses.

Single Variety Tree Roses

Price: \$2.00 each, \$17.50 per 10.

CALEDONIA—White.
 CHARLES P. KILHAM—Orange-pink.
 DAINTY BESS—Brownish pink.
 DAME EDITH HELEN—Rose-pink.
 DUCHESS OF ATHOLL—Copper-bronze.
 E. G. HILL—Red.
 ETOILE DE HOLLANDE—Scarlet.
 FEU JOSEPH LOOYMANS—Apricot-yellow.
 GENERAL McARTHUR—Light red.
 GOLDEN EMBLEM—Yellow.
 HADLEY—Crimson.
 HOOSIER BEAUTY—Scarlet.
 IMPRESS—Salmon.
 JOANNA HILL—Yellow.
 JULIEN POTIN—Canary-yellow.
 LADY FORTEVIOT—Apricot-yellow.
 LADY MARGARET STEWART—Yellow.
 LOS ANGELES—Flame-pink.
 LORD CHARLEMONT—Crimson.
 MABEL MORSE—Canary-yellow.
 MRS. ERSKINE P. THOM—Yellow.
 MME. EDOUARD HERRIOTT—Coppery pink.
 PADRE—Copper-scarlet.
 PATIENCE—Orange-scarlet.
 RADIANCE—Pink.
 RED RADIANCE—Carmine.
 REV. F. PAGE ROBERTS—Salmon-yellow.
 ROSE MARIE—Rose-pink.
 SUNBURST—Golden yellow.
 SOUV. DE CLAUDIUS PERNET—Sunflower-yellow.

Three New Colors in Tree Roses

These three kinds, although only available as bush roses for a year or two, are already among the most popular of all roses. Because it takes almost two years to grow the head on Armstrong Tree Roses, we have not been able to offer these already famous varieties in Tree Rose form until this season. Each of them makes a vigorous big head when grown this way, and the beautiful buds are even larger than when grown on the ordinary bushes.

\$2.50 each, \$22.50 per 10

MRS. SAM MCGREDY—Coppery salmon.
 PRESIDENT HERBERT HOOVER—Pink, red, and buff.
 TALISMAN—Yellow and red.

It takes almost four years to grow an Armstrong Tree Rose, and its stout straight stalk and well developed head cannot be duplicated in inferior plants grown in a shorter length of time.

Three Color Tree Roses

Price: \$2.75 each, \$25.00 per 10.

Tree-shaped roses with three colors blooming thereon are an exceedingly unique addition to the garden, and offer a beautiful blending of colors. We have selected for these combinations, varieties of similar habit of growth so that a uniform, well-shaped head is produced.

No. 1. Golden Emblem, yellow; E. G. Hill, red; Dame Edith Helen, pink.

No. 2. Duchess of Atholl, orange; President Hoover, pink and yellow; Lady Forteviot, apricot.

Extra Height Weeping Tree Roses

We have budded a few strong growing trailing varieties on high strong stems so that they make a great arching head 7 feet over all and which in time will reach to the ground. They make a spectacular display of color. \$4.50 each.

Cascadia—Creamy white. Phyllis Bide—Yellow.
 Dorothy Perkins—Pink. Paul's Scarlet—Red.
 Jacotte—Orange.

A Good Book About Roses

HOW TO GROW ROSES by Robt. Pyle, J. Horace McFarland, and G. A. Stevens. Contains much practical advice on the use of roses in the home garden, preparing the ground, planting, year 'round care, pruning, pest control, and the selection of varieties. 211 pages, . . . \$2.00 postpaid.



MME. EDOUARD HERRIOTT TREE ROSE

Polyantha or "Baby" Roses

50c each, \$4.50 per 10, \$35.00 per 100

These are sometimes called "Baby Roses," due to the small size of their individual blooms. Usually the plant are dwarf and bushy, with the flowers borne in great clusters, but some kinds grow tall. They are truly ever-blooming, being scarcely ever without flowers in the growing season.

The Baby Roses make a wonderful low hedge.

A Remarkable New Polyantha

Mrs. Dudley Fulton. It gives us a great deal of pleasure to offer for the first time this distinctive new rose which is one of the finest ever originated by the late George C. Thomas of Beverly Hills. The bush is covered at almost all times during the spring, summer, and fall with good sized, single, silvery white flowers. The petals do not discolor or soil, always dropping cleanly before they fade, so that all of the flowers on the plant are perfect. The foliage is glossy as if varnished at all times, and we consider it one of the finest novelties of its type ever produced. Grown and sold exclusively by us. \$1.00 each.

Baby Doll (Tip Top). Some years ago this beautiful little rose was quite popular, but it seems to have been forgotten. We believe that such charming shape and color deserve recognition, so we have grown it again. The little, beautifully shaped buds are buff-yellow and white, tipped and edged with Tyrian rose. It blooms continuously. 15 inches.

Cecile Brunner. The miniature flowers of this variety, rosy pink shaded with salmon, usually borne in large open clusters, fill a niche which no other rose can occupy. 4 feet.

Chatillon. The best bright pink baby rose. The flowers are semi-double, borne in gigantic clusters, offering a magnificent flower show. 18 inches.

Ellen Poulsen. Fairly full flowers of rose-pink, borne in large compact clusters. 18 inches.

Else Poulsen. A new type of polyantha, quite lovely and out of the ordinary. The flowers are single and quite large, with slender little buds, clear rose-pink in color, in open clusters. It produces a continuous succession of bloom. 3 feet.

Etoile Luisant (Baby Heriott). A beautiful little baby rose with miniature buds of the same shape and form as Cecile Brunner, but the color is rich coppery orange. 18 inches.

Golden Salmon. A most wonderful new color in the baby roses. Dwarf, bushy plants, bearing large clusters of small single flowers of brilliant, luminous orange-scarlet. A marvelous color—like a bonfire in the garden. 15 inches.

Gloria Mundi. Exactly the same in color as Golden Salmon—brilliant orange-scarlet—but the flowers are extremely double like baby pompon chrysanthemums. 24 inches.

Kirsten Poulsen. Similar to Else Poulsen with the same tall, vigorous bush and everblooming habit, but differing in color, which is bright crimson, with a center of golden anthers. 3 to 4 feet.

Magnifique. Great large clusters of big, semi-double, clear pink flowers over a base of large, rich green, glossy foliage. Blooms all summer. 50c each.

Rudolph Kluis. Large clusters of small flowers of a peculiar but attractive shade of rich vermilion. A large, bushy plant, constantly in bloom, producing a brilliant mass of color all season. 3 feet.

Fragrant Hybrid Perpetual Roses

This class of roses is very hardy with tall, vigorous bushes and large clean foliage. The blooms are larger, fuller and sweeter than any other roses. As a rule they bloom only in the spring, but during this season of the year they offer a greater show than any other class and the bushes are covered with the giant, fragrant flowers.

The Hybrid Perpetuals should be planted in the background of the rose bed, and their double blooms will show up over the heads of other roses. Their surpassing fragrance is a valuable characteristic, although the best known variety of the group, the wonderful Frau Karl Druschki, has none.

Most of these varieties do particularly well in Arizona and Imperial Valley, coming into bloom during the winter there.

American Beauty. Very large blooms of rosy-carmine. Does particularly well in the Imperial Valley and Arizona, but of no value on the coast. Intensely rich with damask perfume. 50c each.

Frau Karl Druschki. The only absolutely pure white rose, with immense long buds and very double flowers, wax-like in texture. Hardy everywhere, with long upright growth up to six feet and the typical heavy foliage of its class. 50c each.

General Jacqueminot. A favorite old scarlet-crimson rose, deeply fragrant, whose lovely color and sweet scent has been loved for years. 50c each.

Gloire de Chedane-Guinoisseau. Glorious, large, dark velvety crimson blooms in nests of big, bold green foliage. Delightfully fragrant and well nigh perfect in form. Just abbreviate the name, we'll know what you mean. 50c each.

Mrs. John Laing. Large, clear pink, cupped shaped blooms, exceedingly fragrant, blooming profusely in the spring, occasionally in the summer, with a fair display in autumn. One of the best H. T.'s. 50c each.

Paul Neyron. The largest rose in cultivation; a handsome upright grower, producing immense flowers at the end of every long stiff stem; color, a deep rose-pink. Great size and sweet fragrance are its strong points. 50c each.

Ulrich Brunner. Buried in spring under big blooms of cherry-crimson. Intensely fragrant and long-stemmed. Prune heavily for the finest blooms. 50c each.

This Rose Will Surprise You

Mme. Albert Barbier. The only yellow Hybrid Perpetual. Truly remarkable for its color and everblooming qualities, for it produces a profusion of blooms all through the growing season. Golden-salmon in color, with shading of flesh-pink and nankeen-yellow. The bush is not large, but the stems are very thick and heavy. 75c each.

Two Unusual Roses from the Past

York and Lancaster. The origin of this ancient rose is unknown, but it was first described in 1551. It is a variety of the ancient Damask Rose brought from Palestine by the Crusaders. Some petals are entirely white, some are entirely red, and sometimes they are half red and half white. It was named in commemoration of the Wars of the Roses between the Houses of York and Lancaster. 75c each.

Austrian Copper (Austrian Briar, 1596) This amazing old rose is covered in the spring with small single flowers of intense fiery copper-red, the reverse of the petals being bright golden yellow. It is the first rose to bloom in the spring and will be the most beautiful plant in the garden at that time. Makes a large spreading bush which should be left unpruned and given plenty of room. 75c each.

Old Fashioned Moss Roses

The old Moss Roses bear a crown of lacy moss upon the stems and sepals. They are exquisitely lovely in the bud and will grow anywhere, but should be given good soil and careful attention to bring out their best qualities. Should be left unpruned.

Crested Moss. Fragrant, deep pink buds, surrounded with a mossy fringe and crest. Discovered on the wall of a French convent in 1827. 75c each.

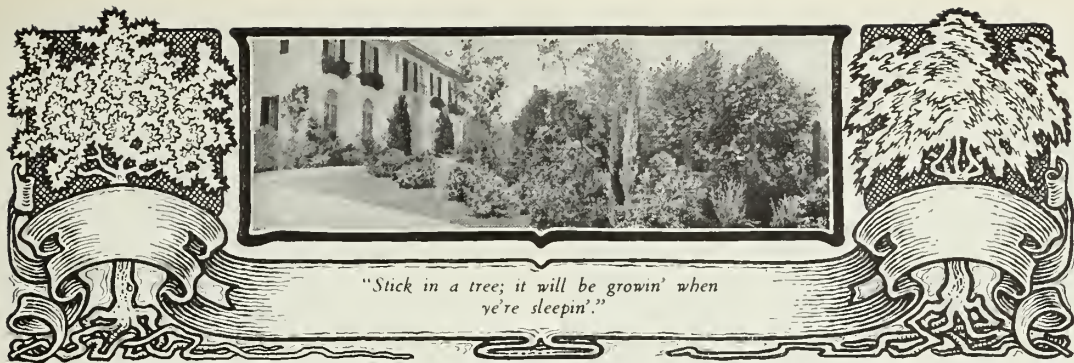
Princess Adelaide. Sweetly fragrant, full, double flowers of pale rose-pink, borne on strong stems. Growth very vigorous and free blooming. 75c each.

Price Reductions for Quantities

Select any roses to make these quantities.

Each Rate	10 or more	50 or more
\$1.00.....	\$.90 each	\$.80 each
.75.....	.65 each	.55 each
.50.....	.45 each	.35 each

Postage extra, except on group offers. See page 1.



Select Evergreen Garden Shrubs

Evergreen shrubs are the basis of all ornamental planting on the Pacific Coast, and all of the most valuable varieties, large and small, will be found in the following section. While foliage is the prime factor in evergreen shrubs, many plants are also desirable for their beautiful flowers and berries.

It is impossible for us to list in our catalog all sizes of trees and shrubs we have in stock, or even all varieties, and if customers who do not find listed sizes and varieties wanted will write us concerning their wants, we will take pleasure in quoting and fully describing what we have. A visit to our salesyard will offer planters a chance to see many large specimen plants in containers not listed herein.

The gallon and 5-gallon containers mentioned in the description are of tin, and weigh about 9 and 50 pounds each, respectively. The 4-inch clay pots weigh not over 4 pounds.

Price Reductions for Quantity Orders

If 10 or more assorted evergreen shrubs are ordered at one time, the following price reductions may be taken:

All plants priced at \$1.35 each.....\$12.50 per 10
 All plants priced at .60 each..... 5.00 per 10
 All plants priced at .50 each..... 4.50 per 10

NOTE: No mail order filled for less than \$1.00.

Many of the evergreen shrubs that we list have been pruned back to make them dense and bushy and the size quoted takes this into consideration. Well grown, bushy plants of this nature cannot be compared with slender, poorly grown plants.

ABELIA

Abelia grandiflora. 6 ft. California plantings would look bare without the Abelia, for its small, shiny, bronzy-green foliage and arching stems clothed with clusters of little fragrant rosy-white flowers borne almost continually make it exceedingly valuable for mass or foundation planting in either full sun or partial shade. 5-gal. containers, bushy, 2½-3 ft., \$1.25; gal. containers, 35c.

ABERIA. Kei Apple

Aberia caffra. "Kei Apple." South Africa. 10 ft. A tall growing shrub with rich green foliage, and long stiff thorns, bearing a golden yellow edible fruit about 1 inch in diameter. Gal. containers, 2-3 ft., 50c.

ARBUTUS. Strawberry Tree

Arbutus unedo. "Strawberry Tree." 10 ft. A bushy spreading, medium sized shrub with rich green foliage very similar to California Holly. Has many delightful little pearly white bell-shaped flowers in summer, followed by clusters of brilliant red strawberry-like fruits, ripening about Christmas time. Stands heat, cold and drought. Sun or part shade. Balled, bushy, 3-4 ft., \$2.50; 2-3 ft., \$2.00; gal. containers, 50c.

AZARA

Azara microphylla. Chile. 8 ft. A graceful shrub with arching pendulous branches and small, round glossy green leaves. Fine for tracery effect against or to hang over walls. Gal. containers, 1½-2 ft., 50c.

New Zealand Honeysuckle

Alsenosmia macrophylla. "New Zealand Honeysuckle." 6 ft. For fragrance and color, California planters will want this lovely, plant. Long, tubular, deep crimson flowers produced all over the plant during most of the year. Sweetly fragrant, with large, rich foliage. Grows quite rapidly, preferring a shady position with plenty of moisture. Quite hardy. Gal. containers, 1-2 ft., 75c.

AZALEA

Azalea Hinodigiri. 3 ft. Low, much branched little shrub covered in spring with brilliant crimson flowers. Shade. Balled, bushy, 8-12 inches, \$1.75.

A. Kurume. These beautiful new Japanese Azaleas form dense bushes, 3 to 5 feet in height, with small leaves, in California blooming through the winter and spring, becoming at times so covered with flowers that the leaves cannot be seen. Shade or part shade. The following varieties, balled, 12-15 inches, \$1.50 each:

Apple Blossom—White tinged pink.
Cherry Ripe—Deep carmine.
Pink Perfection—Light pink.
Rosy Morn—Rose pink.
Salmon Queen—Deep salmon pink.
Santoi—Pale salmon pink.



ARBUTUS UNEDO
 Fruit, Flowers and Foliage of the Strawberry Tree



BOUVARDIA HUMBOLDTI
Intensely Fragrant Blooms of Snowy White

BELOPERONE

Beloperone tomentosa. Brazil. 3 ft. An interesting little plant, with drooping racemes of rosy-copper bracts enclosing cream and purple flowers. Sun or shade near coast. Shade inland. Balled, bushy, 1-1½ ft., \$1.25; gal. containers, 1-1½ ft., 50c.

Butterfly Plant

Asclepias tuberosa. "Butterfly Plant." 2 ft. This plant will make a beautiful little clump of brilliantly colored orange flowers in any sunny spot in your garden. Blooms almost the year around, and several butterflies will usually be found hovering over it. Hardy anywhere. Likes dry, well drained soil. Gal. containers, 60c.

BARLERIA. Blue Flowers

Barleria cristata. From India comes this delightful little plant, with shiny oval leaves and spikes of delicate lavender-blue flowers, 2 inches long, appearing all through the growing season. Full sun, except in very hot locations. 4-inch pots, 50c.

Splendid Shrubs for the Desert

The following evergreen shrubs described in this section are particularly adapted to the desert sections of the Southwest. Those that are marked with an asterisk are hardy in the lower temperatures of the colder desert regions, while the rest are recommended for the Imperial Valley and the mild wintered sections of Arizona:

- | | |
|-----------------------|----------------------------|
| *Buddleia superba | Leptospermum laevigatum |
| Buddleia alternifolia | *Ligustrum japonicum |
| Callistemon | Myrtus communis compacta |
| Cassia tomentosa | *Nandina domestica (Shade) |
| Chilopsis linearis | *Nerium (Oleander) |
| *Cotoneaster pannosa | Pittosporum phillyraeoides |
| Dodonea viscosa | *Photinia arbutifolia |
| *Euonymus japonica | *Photinia serrulata |
| Genista hispanica | *Pyraecantha |
| Genista monosperma | Punica granatum nana |
| Hakea suaveolens | *Rhamnus californica |
| Lantana | |

Many of the Cypress, Junipers, and Arborvitae described on pages 56-58 are also admirably suited to desert conditions.

For Fragrance and Color

Bouvardia. 2 ft. The colorful clusters of dainty, long, tubular flowers produced continuously throughout the year makes them very valuable for bright colors in the garden. Should be pruned severely once or twice a year to keep them fresh and in bloom. Full sun near coast, some shade inland. Hardy above 25 degrees. *B. Humboldtii* is intensely fragrant, but in the other varieties color takes the place of fragrance. All varieties listed gal. containers, 75c each; 4-inch pots, 50c.

Humboldtii—Very fragrant, white flowers.

Coral Gem—Rich coral-pink.

Light Pink—Rich hydrangea-pink.

Dark Rose Pink—The deepest shade.

Special Offer: One each of the above four Bouvardias, including the fragrant Humboldtii, in 4-inch pots, \$1.75.

BERBERIS. Barberry

Berberis Darwinii. "Darwin's Barberry." Chile. 5 ft. Slender branches and small, glossy, holly-like leaves, some of which turn bright red in winter. Orange-yellow flowers in spring, followed by purple berries. Sun or shade. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50; gal. containers, 1-1½ ft., 50c.

B. gagnepainii. China. 6 ft. A bushy plant with arching branches and long toothed, glossy green leaves, orange flowers, and blue berries. Hardy anywhere. Sun or part shade. Balled, 2-3 ft., \$1.75; gal. containers, 1-1½ ft., 50c.

Berberis pruinosa. See page 48.

B. sargentiana. "Sargent's Barberry." China. 5 ft. Shining deep green foliage, the new growth bronze and coppery-red. Yellow flowers in spring and blue-black berries in autumn. Sun. Gal. containers, 1-2 ft., 50c.

B. Thunbergii. "Japanese Barberry." 4 ft. Small, very hardy shrub with small leaves, which turn scarlet in the fall, and beautiful bright red berries. Thrives in any soil and in any temperature. Almost evergreen in California, losing its leaves in winter in colder sections. Gal. containers, 1-2 ft., 50c.

B. thunbergii atropurpurea. "Red-Leaved Japanese Barberry." 4 ft. Leaves brilliant purplish-red at all times. Gal. containers, 1-1½ ft., 50c.

B. Wilsonae. China. 4 ft. Small gray-green foliage, turning to a brilliant reddish bronze in the fall. Golden yellow flowers, followed by most beautiful large rose-pink, translucent berries. Thrives anywhere. Full sun. Gal. containers, 50c.

BUDDLEIA

Buddleia asiatica. "Butterfly Bush." China. 8 ft. Fast growing, with silvery-green foliage, bearing in winter many slender 6-inch spikes of deliciously fragrant white flowers. Sun. Gal. containers, 2-3 ft., 35c.

Buddleia alternifolia. "The New Hardy Buddleia." See page 43.

B. superba. "Summer Lilac." China. 8 ft. A fast-growing, spreading shrub; long panicles of fragrant rose-purple flowers borne in great profusion in summer. Sun. In gallon containers, 2-3 ft., 35c.

BORONIAS

Unusual Plants From Australia

Boronia elatior. Australia has furnished many beautiful plants for California gardens but never has the Island Continent furnished a more charming plant than the Boronia. This one grows to about 4 feet, with fine heather-like foliage which is very aromatic when crushed, and bears a great abundance of charming little carmine or purplish flowers which nod their heads along the branches like innumerable little bells. Must have a well drained soil, preferably sandy, with plenty of humus and moisture. Part shade. Hardy above 22°. 4-inch pots, 75c.

Boronia megastigma. "Scented Boronia." 3 ft. Grows similar to the above, but the flowers are yellow, brown, and purple and are among the sweetest smelling flowers in the world. Boronias are not long lived and must be renewed every two or three years. 4-inch pots, 85c.



THE EVERBLOOMING MAGIC FLOWER
Big Clusters of Three Inch Crimson Trumpets

BUXUS. Box

Buxus japonica. "Japanese Box." 2 to 4 ft. Of low, dense, compact growth, much used as trimmed specimens for porch and garden decoration or low hedges. Trimmed pyramids, 2½-3 ft., \$3.00; 2-2½ ft., \$2.50; 1½-2 ft., \$2.00; trimmed globes, 15-18 inches, \$2.50 (in green redwood tubs, \$1.25 additional); 4-inch pots, 30c each, \$2.50 per 10, \$20.00 per 100; flats of 100, 8-12 inches, \$2.75.

B. sempervirens. "English Boxwood." Of very slow growth, with deep green foliage, much darker than the Japanese Boxwood, and very valuable for a low hedge. 4-inch pots, 8-10 inches, 35c each, \$2.50 per 10, \$25.00 per 100. Flats of 100 plants, 5-6 inches, \$4.00.

B. sempervirens suffruticosa. "Dwarf Box." 1 ft. An extremely dwarf, deep green form. 4-inch pots, 50c each, \$4.50 per 10, \$40.00 per 100. Flats of 100, \$5.00.

CAESALPINIA

Caesalpinia gilliesi. Argentina. 8 ft. Sometimes known as Bird of Paradise. An irregular open shrub, with acacia-like leaves, and large clusters of exquisite flowers of yellow, with a fiery fountain of brilliant red, hair-like stamens 5 inches long protruding from them. Coast or desert. Gal. containers, 50c.

CALOTHAMNUS

Calothamnus quadrifidus. Australia. 6 ft. A magnificent flowering plant from Australia, with immense spikes of crimson flowers, with long, fiery red stamens, which look something like the ordinary Bottle Brush but borne on a much more graceful bush. Full sun, coast or inland. 4-in. pots, 50c.

CASSIA—A SPLENDID DESERT SHRUB

Cassia artemesoides. Australia. 8 ft. Finely cut silvery-gray foliage and clear yellow, sweet scented flowers; stands any amount of drouth, and thrives particularly well in Arizona and other desert sections. 5-gal. containers, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 50c.

Cassia tomentosa. 8 ft. Mexico. Vigorous, fast growing, with large compound leaves and great clusters of deep yellow flowers. Thrives anywhere, particularly in the desert. Gal. containers, 50c.

Ceanothus Gloire De Versailles

One of the finest of blue flowering shrubs. Half evergreen on the Pacific Coast, and hardy anywhere, except in desert regions, bearing large flower clusters of rich bright blue, the flowers being much larger than those of the native California Ceanothus described on page 46. Gal. containers, 85c.

For the native California Ceanothus, see p. 50.

The Magic Flower of the Incas

Cantua buxifolia. "Magic Flower." Peru. Four ft. Peruvian tradition says that Cantua was the floral emblem of the ancient Incas, and the informal plant is a lovely and graceful sight when in bloom, covered with many large clusters of drooping crimson trumpets 3 or 4 inches long. Called Magic Flower because in many sections it blooms after each thorough irrigation. Easily grown. Sun near the coast, partial shade inland. Gal. containers, 75c; 4-inch pots, 50c.

CALLISTEMON. Bottle Brush

Callistemon rigidum. "Bottle Brush." Pacific Islands. 8 ft. The beauty of these plants lies in their long, red anthers, which form a cylindrical flower similar in shape to a Bottle Brush. Rapid growing, hardy anywhere, thriving even in alkali soil. Full sun. 5-gal. containers, 3-4 ft., \$1.35; gal. containers, 2-3 ft., 50c.

CESTRUM

Cestrum aurantiacum. "Orange Cestrum." Guatemala. 6 ft. A tall, slender bush, with orange-yellow, tubular flowers in loose nodding clusters. Needs a wall or fence to lean against. Gal. containers, 1-2 ft., 50c.

C. elegans smithi. "Pink Cestrum." 8 ft. Like the above, but with rose-pink flowers. Gal. containers, 2-3 ft., 50c.

C. parqui. "Night Blooming Jasmine." See page 46.

CHOISYA. Mexican Orange

Choisya ternata. "Mexican Orange." Mexico. 5 ft. A dense, globular shrub, with bright, glossy green foliage, profusely covered in spring with snowy-white, sweetly scented blooms, resembling orange blossoms. Hardy anywhere in Southern California, but must have good drainage. Sun or part shade. Balled, 1½-2 ft., \$1.75; 4-inch pots, 35c.

CHORIZEMA

Chorizema ilicifolia. Australia. 3 ft. Slender drooping branches, holly-like leaves and orange red flowers in loose racemes. It makes a low, dense mat of foliage and blooms throughout the winter and spring. Sun or shade. 5-gal. containers, very bushy, \$1.35; gal. containers, 50c; 4-inch pots, 35c each, \$2.50 per 10.

CISTUS. Rockrose

Cistus ladaniferus maculatus. "Brown-eyed Rockrose." Spain. 3 ft. Every morning in spring and summer it is covered with pure white flowers, three inches across, with golden stamens in the center and a spot of crimson like a drop of blood at the base of each petal. Full sun. Dry soil. Gal. containers, 50c.

Cistus purpureus. "The New Hybrid Cistus." See page 42.

Coprosma baueri. New Zealand. 4 ft. Round, very glossy leaves, as if varnished. Desirable wherever a low, dense bank of foliage is needed, particularly fine at the seashore. 5-gal. containers, \$1.25; gal. containers, 35c.



THE FRAGRANT MEXICAN ORANGE
Dense Glossy Foliage and Perfumed White Flowers

Cotoneasters — For Winter Color

Indispensable in California gardens are the Cotoneasters, which are splendid foliage plants for massing. The small whitish flowers in spring are quite attractive on many species, but their most valuable characteristic is the quantity of cheerfully colored red berries that brighten the bushes in autumn and winter. Hardy and fast growing anywhere.

Cotoneaster acuminata. Himalayas. 6 ft. For use where a delicate tracery of erect, green branches is desired instead of rounded outlines. Very large, showy, red berries. 5-gal. containers, 2-3 ft., \$1.35; gal. containers, 1-2 ft., 50c.

C. franchetti. China. 6 ft. A spreading, fast-growing variety with upright arching branches, medium sized leaves, dark green on top, silvery beneath. Many large, orange-red berries in winter. 5-gal. containers, 3-4 ft., \$1.35; gal. containers, 1½-2 ft., 50c.

For Brilliant Winter Color

Cotoneaster parneyi. 8 ft. A new Cotoneaster from China, with big clusters of immense brilliant red berries in bunches as large as your fist. The foliage is larger than most plants of this group, and it will give a great show of color in the dull winter months. Full sun. Gal. containers, 1-2 ft., 60c.

C. horizontalis. "Rock Cotoneaster." China. 2 ft. A prostrate, half deciduous shrub, its angular branches hugging the ground and becoming beautiful with crimson leaves and bright red berries in the fall. Gal. containers, 50c.

C. heroviana. Similar to *C. pannosa* but with larger foliage, and larger, brighter colored berries in greater quantities. Gal. containers, 2-3 ft., 50c.

C. pannosa. "Silverleaf Cotoneaster." Himalayas. 8 ft. Possibly the best and most beautiful of this group. The leaves are a soft gray-green, silvery underneath. White flowers in spring, followed by great masses of silvery red berries, remaining all fall and winter. A splendid desert shrub but equally good on the coast. 5-gal. containers, 3-4 ft., \$1.35; 2-3 ft., \$1.25; gal. containers, 1½-2 ft., 35c.

C. pannosa nana. A novelty of recent introduction which is a miniature dwarf form of the above, not growing over 3 ft. Gal. containers, 50c.

C. thymifolia. 3 ft. Very dwarf, with minute leaves and berries. Gal. containers, 1½-2 ft., 50c.

C. salicifolia. "Willowleaf Cotoneaster." China. 3 ft. Fast growing, spreading, with dark green foliage and horizontal drooping branches. White flowers and red berries. 5-gal. containers, 3-4 ft., \$1.35; gal. containers, 2-3 ft., 50c.



ERICA BLANDA

Beautiful Red Blooms All Through the Year

Three New Flowering Plants For the Southwest

The New Purple Rock-Rose

Cistus purpureus. No more beautiful plant can be found for a small sunny spot in the garden than this new Hybrid Rock Rose from England, which grows to 3 feet high and blooms in California from April to December, producing great quantities of lovely flowers 3 or 4 inches across, of rich reddish purple, with a deep mahogany or maroon spot at the base of each petal and a center of yellow stamens. Hardy anywhere in California or Arizona. Gal. containers, 75c.

The New Pink Breath of Heaven

Diosma pulchrum. The Breath of Heaven with its innumerable little starry, white flowers is a favorite in Southern California gardens, and this new plant has the same characteristics of foliage, growing to 2 or 3 feet high, with a spread of about the same, with fine, aromatic, thread-like foliage but with bright pink flowers which cover the plant in late winter and spring. Gal. containers, 75c; 4-inch pots, 50c.

A Charming New Hibiscus

Hibiscus pedunculatus. This new plant is here cataloged for the first time in California and is entirely different from the large foliaged, large flowered Chinese Hibiscus. It makes a dense, dainty, slender-branched shrub 2 to 4 feet high, and is covered almost continuously, except for a short time in the winter, with beautiful little rosy red flowers about an inch and a half long. Full sun or part shade anywhere in the milder regions of California. Gal. containers, 75c; 4-inch pots, 50c.

CORONILLA

Coronilla glauca. Italy. 4 ft. Fine gray-green foliage and deep golden yellow, pea-like blossoms, intensely fragrant. Sun. Gal. containers, 1-2 ft., 50c.

DAPHNE

Daphne odora. 4 ft. The small flowerheads of creamy white, borne profusely in winter, possess a most intense and delicious fragrance. Part shade. Balled, 15-18 inches, \$2.00; 12-15 inches, \$1.75.

Daphne odora variegata. Leaves margined with gold, the flowers light pink. Balled, 1½-2 ft., \$2.75; 15-18 inches, \$2.00; 12-15 inches, \$1.75.

DIOSMA. Breath of Heaven

Diosma alba. "Breath of Heaven." Africa. 4 ft. A bushy, compact, Heather-like little plant, bursting out in late winter and spring into a myriad of minute, white, star-like blooms. If the foliage is pinched or even rubbed against, a most entrancing aromatic fragrance is released. Sun. Balled, 2-3 ft., \$1.50; 1½-2 ft., \$1.25; gal. containers, 50c.

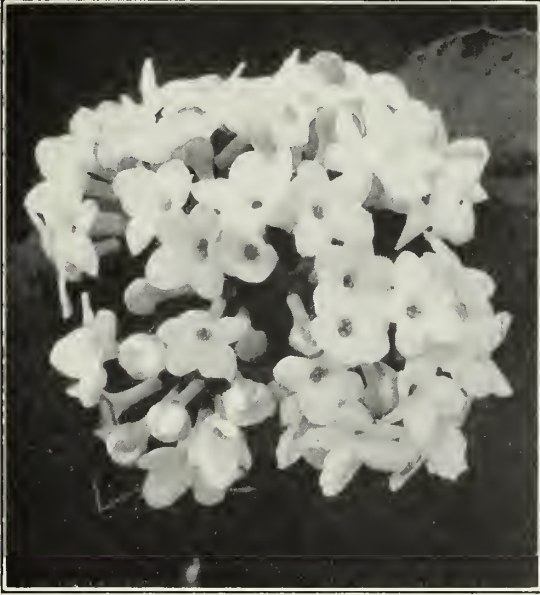
See the new Pink Breath of Heaven above.

A New Arizona Desert Plant

Dodonea viscosa. 10 ft. A unique large desert shrub, splendid for dry locations, which is attractive at all times of the year, with shiny leaves, but is particularly so in the spring when it is absolutely covered with masses of delicate greenish flowers. Give it plenty of room to spread out. Gal. containers, 2-3 ft., 75c.

DURANTA. Skyflower

Duranta plumieri. "Golden Dew Drop." "Sky Flower." Guatemala. 10 ft. The only berried shrub that has fruit and flowers on at the same time. Fast growing and vigorous, producing in the summer its long, lovely drooping sprays of yellow berries while the beautiful light blue flowers are still appearing. A beautiful picture, drooping over a wall into the garden. We have the white flowered form also. Gal. containers, 50c.



FLOWERS OF VIBURNUM CARLESI
Heads of Exquisitely Fragrant Pink Flowers

ELAEAGNUS. Oleaster

Elaeagnus pungens reflexa. "Silverberry." Japan. 6 ft. A fine spreading shrub with leaves and stems covered with frosty, shiny scales, silvery on upper surface and bronze beneath. Berries are silvery. All of the *Elaeagnus* thrive exceptionally well directly on the ocean front. Gal. containers, 2-3 ft., 50c.

E. pungens variegata. Like the above but leaves are margined with cream. Gal. containers, 1-1½ ft., 50c.

Elaeagnus fruitlandi. 8 ft. A recent introduction, with magnificent large 4-inch leaves, heavily frosted with silvery scales. Beautiful, large, silvery-bronze berries in the fall. A splendid large shrub, particularly for the coast. Full sun or part shade. Gal. containers, 1-2 ft., 50c.

ERICA. Heather

Most of the Heathers bloom in the winter when flowers are scarce. *E. mediterranea* and *E. stricta* are hardy anywhere and are not particular as to soil or climate, but the others, while thriving in the coastal regions in California, must have good drainage and full sun.

Erica blanda. 3 ft. Low and spreading, its rosy-red, tubular flowers clustered over the plant during the entire year. Balled, 1-1½ ft., \$1.25.

E. charlesiana. 4 ft. Slender, upright branches of blue-gray foliage, the long, slender, pale-pink flower tubes, flecked with black stamens, hanging daintily along the branches. We have also *E. bowleana*, the same but with white flowers. Balled, 1-1½ ft., \$1.25.

E. hyalina. 3 ft. Every branch in winter and spring is a solid spike of long tubular flowers of a soft salmon-pink color. Balled, 1-1½ ft., \$1.25.

E. mediterranea. "Mediterranean Heather." 4 ft. Compact and bushy, with stiff stems and purplish pink flowers from March to June. Hardy under all conditions. Balled, 1½-2 ft., \$1.50; 1-1½ ft., \$1.25.

E. melanthera. 5 ft. The best known of the Heathers, and certainly one of the most beautiful of winter flowering shrubs. From November to March, the plants are a solid mass of small, rosy lavender flowers. Thrives on the coast and in the interior. Balled, 3-4 ft., \$1.50; 2-3 ft., \$1.25; 1-1½ ft., \$1.00.

E. melanthera rubra. 3 ft. Similar to the above, but more dwarf, with deep reddish-purple flowers. Balled, 1½-2 ft., \$1.50.

E. persoluta rosea. 4 ft. Flowers similar to *E. melanthera* but more brilliant in color, a vivid hue of deep rose-pink. Blooms from February to April. Balled, 12-15 inches, \$1.25.

E. President Felix Faure. 3 ft. Bears almost the year round, its thick clusters of large, tubular rose-red flowers which resemble fire crackers in shape and color. Balled, 12-15 inches, \$1.25.

E. stricta. 2 ft. Low growing compact and the hardiest of all, thriving under all conditions. Bright rosy pink blooms in the fall. Balled, 1½-2 ft., \$1.50; 1-1½ ft., \$1.25.

The Luxuriant Exotic Dombeya

Dombeya Wallichii. 8-15 ft. From far-off Madagascar comes this marvelously beautiful flowering plant with great heart-shaped leaves six or eight inches across, forming a heavy canopy of foliage under which hang on pendulous thread-like stems great clusters of deep coral-pink flowers. Splendid for a tropical effect in protected patios or anywhere along the coast in Southern California. Hardy down to 24 degrees. 5-gal. containers, 4-5 ft., \$1.35; gal. containers, 2-3 ft., 75c.

ESCALLONIA

One of the most useful groups of plants that we have for producing a thick bank of green verdure. The foliage is always fresh and glossy, and is enlivened in the summer with sprays of flowers, white, pink or red.

Apple Blossom Escallonia

Escallonia. "Apple Blossom Escallonia." 3 ft. A new hybrid from England which will be extremely valuable in California because of its low, spreading, compact habit and the lovely blush pink flowers, which possess a sweet fragrance. It thrives equally well on the seacoast or in the inland sections. Sun or part shade. Gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

Escallonia alba. 6 ft. Pure white flowers. Thrives anywhere from the coast to Arizona. 5-gal. containers, 2½-3 ft., \$1.35; gal. containers, 1½-2 ft., 50c.

E. langleyensis. South America. 6 ft. Dense clusters of light pink flowers. Gal. containers, 2-3 ft., 50c.

E. montevidensis. 8 ft. Uruguay. Produces in summer a great profusion of pure white flower spikes. Fast growing, and excellent for large dense backgrounds. Gallon containers, 2-3 ft., 50c.

E. rosea. 8 ft. Handsome bright green foliage, bright pink flowers. Gal. containers, 2-3 ft., 50c.

E. rubra. South America. 6 ft. Dense and compact with large shining dark green foliage and deep red, tubular flowers. Prefers partial shade, except near coast. 5-gal. containers, \$1.35; gal. containers, 50c.

Two New Hardy Shrubs

Buddleia Alternifolia

This new *Buddleia* from the far inland province of Kansu in China is one of the most beautiful additions to the hardy shrubs made during the last twenty years. It makes a good sized shrub, becoming 6 or 8 feet high if allowed to go unpruned, and the arching, pendulous branches are so densely covered with bright lilac-purple, fragrant flowers in the spring that the stems are completely hidden. A shrub that will grow in any reasonably good soil, preferring full sun and uninjured by extremes of heat and cold. Its innumerable branchlets laden with blossoms will provide a fountain of color every spring. Gal. containers, 75c.

A Fragrant Shrub from Korea

Viburnum carlesii. "The Fragrant Viburnum." 5 ft. This recently introduced plant from Korea is one of the finest ornaments ever brought in from Asia, and it should be a great favorite in American gardens for it will grow in almost any situation, being perfectly hardy, losing its leaves in cold climates and being half evergreen in California. Dwarf and bushy, with grayish-green foliage, producing in early spring many heads of delicate coral pink blooms which become pearl white as they open and possess a most intense and exquisite fragrance. One of the most marvelously delicious scents that can be imagined. Slight but not full shade. Gal. containers, \$1.00 each.



ROSITA

PURITY

TRICOLOR

Three of the Finest Armstrong Camellias

Armstrong's Superb Camellias

The exquisite waxy flowers of the *Camellia japonica* never fail to draw constant admiration when they unfold during the winter months. They are so perfectly molded, so waxy and delicate in texture, and so beautifully tinted, that they are the center of attention whenever they appear. And the plant itself is handsome, with its compact dark evergreen foliage forming a perfect setting for the bright colored flowers.

Camellias are not difficult to grow, requiring only a good well-drained soil and a partially shaded position, usually with an east or north exposure. In very heavy soils a little peat moss mixed in with the soil will provide good drainage and give better results. They thrive readily on the Pacific Coast, except in desert sections. It is not necessary to wait for blooms on Camellias because they begin to bear flowers as soon as they are a foot or two in height.

The "Big Five" in Camellias

These five splendid Camellias are the favorite kinds in all of California and we list them together.

PRICES ON THE "BIG FIVE" Each

4-inch pots, 8 to 10 inches.....	\$.60
6-inch pots, 12 to 15 inches.....	1.00
9-inch pots, 15 to 18 inches.....	1.75
Balled, 1½ to 2 feet.....	2.25
Balled, 2 to 2½ feet.....	3.25
Balled, 2½ to 3 feet.....	4.00
Balled, 3 to 3½ feet.....	6.00

Boxed plants, more easily transplanted than the balled plants and with many more buds and blooms on them, 50c per plant additional, in the four larger sizes

Pink Perfection. This one is a favorite with everybody. Its very double, medium size flowers of delicate light pink are very charming indeed. Blooms very heavily early in the winter. One of the strongest and most vigorous growers among Camellias, and first choice with almost every one. See illustration in color on page 47.

Purity. Its name describes it. Symmetrical, exquisitely formed, snowy white flowers of large size, often 5 or 6 inches across. Very double and very slow to open, but eventually showing the yellow stamens in the center. Bears large quantities of its perfect flowers.

Rosita. Very double, medium size flowers of bright rose pink, the petals delicately veined and arranged in a symmetrical rosette-like form. One of the latest Camellias to bloom in winter. A comparatively fast vigorous grower, with every flower a perfect one. Probably the finest of the darker pink Camellias.

Tricolor. The large five inch, semi-double flowers on the same bush may be entirely red, or entirely white, but usually are beautifully striped with red and white. Quite double, with large petals, but showing golden stamens in the center when fully opened.

Duc de Bretagne. A beautiful single flower of clear bright red, sometimes blotched with white. The single Camellias possess an unusual charm and simplicity.

A SPLENDID BOOK ON CAMELLIAS

The only good reference book on Camellias is an up-to-date little book by H. Harold Hume—**AZALEAS AND CAMELLIAS**—which tells you everything you want to know about these two popular flowering shrubs and how to grow them. 90 pp. \$1.50 postpaid.

Four Rare Camellias

Four scarce and unusual varieties which, so far as we know, are Cataloged and offered only by us.

PRICES ON THE FOUR RARE CAMELLIAS Each

Balled, 1½ to 2 feet.....	\$3.25
Balled, 2 to 2½ feet.....	4.25
Balled, 2½ to 3 feet.....	5.25

Boxed plants in the 2 to 2½ foot grade, full of buds and bloom in winter, 50c per plant additional.

Montironi. One of the finest of white Camellias with enormous flowers of pure white, occasionally showing streaks of light pink at the edge. Very double and high centered, never showing the stamens.

Panache. Medium size, very full flowers of pale pink, heavily marked and striped with deeper pink and carmine. Blooms late.

Reine des Fleurs. Very large, very double, high centered flowers of rich vermilion-red flaked with white.

Rouge. Very double flower with many small petals, opening to a flat, symmetrical bloom, silvery-pink in the center, deepening to rosy red on the outer petals.

Four More Charming Camellias

These varieties are not so well known as the "Big Five" but are unusually fine in every way.

The prices and sizes on these four kinds are the same as listed for the "Big Five" at the left, with the exception of the 6 and 9-inch pots which cannot be supplied.

Alba plena. Pure white, very double flowers, rather small in size but beautifully shaped.

Auguste Delfosse. Medium size, bright red flowers of Peony type, with many small petals in the center.

Cheerful. Clear, bright cherry-red when first opened, deep rich pink when fully blown. Medium size, very double, with pointed high center and cupped petals. An early bloomer. See illustration in color on page 48.

Nobilissima. The finest white Camellia of the peony type. A tuft of many small petals in the center surrounded by a number of large petals, all snowy white.

Our Sales Yard is Full of Blooming Camellias All Winter—Come and See Them

EUGENIA. Brush Cherry

Eugenia myrtifolia. "Brush Cherry." Australia. If allowed to grow tall, this splendid foliage plant will attain 12 or 15 feet in height, but is usually grown as a trained pillar or pyramid to any desired height, or as a hedge, and for either use it is exceedingly lovely because of its clean, glossy, Myrtle-like foliage which takes on a cheerful bronze tint in the new growth. Much used for trained tub specimens, and should always be trimmed occasionally to make them compact. Sun or shade. Trimmed globes, in tubs, with heads 20 inches in diameter, on 32-inch stems, \$4.00; trimmed pyramids, 4-5 ft., \$3.00; 3-4 ft., \$2.50; gal. containers, untrimmed, 1½-2 ft., 50c. All trimmed plants in green redwood tubs, \$1.50 each additional.

Eugenia hookeri. Similar to the above but with larger, darker foliage. More vigorous growth, and large, edible, violet-colored berries as large as Cherries. Particularly fine as a large trained pillar. Trimmed globes, with heads 24 inches in diameter, on 36-inch stems, \$3.50; 24-inch heads on 30-inch stems, \$3.00; 24-inch heads on 24-inch stems, \$2.50; trimmed pyramids, 4-5 ft., \$2.50; gal. containers, untrimmed, 1½-2 ft., 50c.

EUONYMUS. Evergreen Euonymus

As hedges or pruned specimens, the following varieties of *Euonymus* thrive on the coast, in inland Valleys, or on the desert. These different species of *E. japonica* are all very similar, except in the color of the leaves, which are variegated in different ways with white, silver, and gold.

Prices on Euonymus

Balled, trimmed pyramids, 4 to 5 ft.....	\$3.00 each
Balled, trimmed pyramids, 3 to 4 ft.....	2.50 each
Balled, trimmed pyramids, 2 to 3 ft.....	2.00 each
Balled, untrimmed, 2 to 3 ft.....	1.25 each
Gal. Containers 1 to 1½ ft.....	.50 each
Flats of 100 plants for hedges, 6-8 inches..	4.00

The two largest sizes in green Redwood tubs for \$1.50 extra; the 2 to 3 ft. size in tubs, \$1.25 extra.

Euonymus japonica. 10 ft. Japan. A useful ornamental with green glossy foliage, standing heat and cold, and easy to grow. Can be used as a spreading plant in a group planting and when trimmed it makes a wonderful compact plant for tubs. Also used for hedges. Particularly fine for Arizona.

E. japonica albo-marginata. "Pearl Margined." 6 ft. The leaves have a narrow margin of silver.

E. japonica aurea-marginata. "Golden *Euonymus*." 4 ft. Dwarf, compact, the leaves deep yellow toward the edges, blotched in center with light and dark green.

E. japonica aurea-variegata. "Golden Variegated *Euonymus*." 6 ft. Leaves bright golden yellow in center, dark green around edges.

E. japonica President Gauthier. 5 ft. Leaves with a white blotch in the center.

E. japonica viridi-variegata. "Duc de Anjou." 5 ft. Beautiful shiny foliage of two shades of green.



CAMELLIA PINK PERFECTION
The Most Popular Camellia Grown in California

Armstrong's Choice Fuchsias

E. pulchellus. "Small-leaved *Euonymus*." 1 ft. A dwarf form with small dark green foliage, growing 18 inches high. Fine for low hedge. Balled, 12-18 inches, \$1.25; 8-12 inches, \$1.00; gal. containers, 50c; 4-inch pots, 30c, \$20.00 per 100; flats of 100, \$4.50.

Fuchsias are one of the few plants that thrive and flower luxuriantly in full shade where few plants will bloom. They like a cool, moist situation, a thoroughly heavy soil, although sandy soils are satisfactory if plenty of rotted manures and peat moss are mixed in. Liberal applications of fertilizer and plenty of water during the summer months will give a profusion of marvelous blooms on Fuchsias, and they will thrive almost anywhere in California where the temperature does not go below 20 degrees, and in lower temperatures if given some winter protection. They also may be grown as pot plants.

Price on all Fuchsias, except *Corymbiflora*: Gal. containers, 50c; 4-inch pots, 35c.

Black Prince. Large, single, rosy-purple petals, scarlet sepals.

Christmas Gem. Very long, 2½-inch flowers of brilliant scarlet, large plum-colored foliage.

General Roberts. Dwarf plant, small flowers, long, vivid purple petals, brilliant scarlet sepals, a rich color combination.

Monsieur Lequelle. Very large, semi-double, white petals marked with scarlet, scarlet sepals.

Monsieur Molere. Very double, rich purple petals, rose-pink sepals.

Rose of Castile. Purple petals, pale pink sepals.

Storm King. Very double, petals white shading to carmine, sepals red.

Souvenir de H. Henkel. Long scarlet flowers, 3 inches in length, in clusters. Plum-colored foliage.

Tenor. Very double, very large, purple petals, scarlet sepals.

Riccantoni. Strong growing, dense plant, slender branches, small scarlet flowers in great profusion.



CAMELLIA CHEERFUL

The Giant Fuchsia *Corymbiflora*

This is the most magnificent Fuchsia of all, with great clusters of giant flowers, 4 inches long, deep red in color. A most magnificent and rare kind. 4-inch pots, 75c.



GARDENIA, OR CAPE JASMINE
Waxy White Flowers, Deliciously Fragrant

The Fragrant Cape Jasmine

Gardenia veitchi. "Cape Jasmine." 2-4 ft. For rich, sweet perfume, the Gardenia has no superior, and its waxy, snow-white blooms are produced in continuous succession during spring and summer. In fact, blooms may be found at almost any time during the year. They are not difficult to grow in any well drained location where it is not too hot and dry. A plant or two will furnish many flowers to perfume the house or for the gentlemen's buttonhole. Balled, bushy, 15-18 inches, \$1.25; 10-15 inches, \$1.00; 4-inch pots, 50c.

Gardenia florida. This is the type usually sold as cut flowers by the florists. The leaves are larger and glossier than *G. veitchi*, while the flowers are also bigger, but they are not produced in such profusion. Balled, 12-18 inches, \$1.50; 4-inch pots, 50c.

FATSIA

Fatsia japonica. 8 ft. A massive plant of tropical appearance with very large shining green, deeply lobed leaves, 1 ft. across. Best in a shady place. 5-gal. containers, 2-3 ft., \$1.35; gal. containers, 1½-2 ft., 50c.

F. papyrifera. "Rice Paper Plant." 7 ft. Rapid growing, picturesque, surmounted by great 12-inch leaves. Sun or shade. Gal. containers, 50c.

RARE FLOWERING PLANTS WITH UNUSUAL FRAGRANCE

NIGHT BLOOMING JASMINE

Cestrum parqui. "Night Blooming Jasmine." 5 ft. Just an ordinary, inconspicuous evergreen shrub in the daytime, but making itself known in the darkness by the ravishing fragrance from its small greenish-white flowers—a fragrance of musk mingled with heliotrope, which can be noticed 20 feet away from the plant. Flowering branches placed in a room will emit perfume during the entire night but no longer. Hardy down to 20 degrees. Sun. Gal. containers, 2-3 ft., 50c.

ORANGE JESSAMINE

Chalcas exotica. "Orange Jessamine." A very handsome shrub, with shiny, small leaves similar to the Boxwood, bearing profusely in the spring its panicles of white, very sweet-scented flowers like orange blossoms, which frequently appear at the same time as the small, bright-red fruits, which taste like a little Kumquat. Known the world over as one of the finest of fragrant flowering plants and easily grown anywhere in California. 4-inch pots, 75c.

SWEET OLIVE

Osmanthus fragrans. "Sweet Olive." China. 10 ft. Large, handsome, dark green foliage and small, white, extremely fragrant flowers in clusters, whose cloying sweetness will betray their presence in the garden before you see the plant. Sun near coast, part shade inland. Balled, 1½-2 ft., \$1.50; gal. containers, 60c.

GENISTA. Broom

G. fragrans. "Sweet Broom." Canary Islands. 6 ft. Its small, grass-green foliage retires in the spring-time under a solid mass of little, pea-shaped, bright yellow blooms. The best of all the Brooms for general use. Full sun. 5-gal. containers, 3-4 ft., \$1.35; gal. containers, 1-2 ft., 35c.

G. hispanica. (*Spartium junceum*.) "Spanish Broom." Spain. 8 ft. Fast-growing shrub with many slender, bright-green branches almost devoid of leaves. Bears almost continuously, large, pea-like, bright yellow flowers, very sweetly scented. Thrives equally well in the salt spray of the seashore or the hot sun of the desert. Gal. containers, 50c.

G. monosperma pendula. "Bridal Veil Broom." 10 ft. A lovely plant with slender, drooping grayish branches, almost leafless, which, in the spring, are weighted down with a dense shower of dainty little pure white fragrant flowers, like swirling snow. Gal. containers, 1-2 ft., 50c.

GREVILLEA

Grevillea banksi. 6-8 ft. A handsome large shrub with dense fern-like foliage decorated all through the growing season with large clusters of comb-like flowers, rich deep crimson in color. Sun or part shade. 5-gal. containers, 2-3 ft., \$1.50; gal. containers, 1-2 ft., 60c.

Grevillea thelemanniana. Australia. 5 ft. A beautiful small shrub with small fine-cut leaves and numerous small dense scarlet racemes. A fine single specimen or a wonderful hedge plant, but will not stand much frost nor too much water. 5-gal. containers, 2-3 ft., \$1.50; gal. containers, 1-2 ft., 50c.

HAKEA. Pincushion Flower

Hakea laurina. "Pincushion Flower or Glory of the Garden." 20 ft. Looks like a small Eucalyptus tree, but bursts forth in spring with globular 2-inch heads of crimson flowers with protruding yellow pistils. Very showy in color and form. Full sun. Dry soil. Gal. containers, 3-4 ft., 50c.

H. suaveolens. Australia. 10 ft. Curious needle-like leaves, similar to a small Pine. Of rapid growth. For dry locations in full sun. The tiny white flowers have a peculiar sweet fragrance. 5-gal. containers, 6-8 ft., \$1.35; gal. containers, 3-4 ft., 50c.

The Best Shrubs for the Sea Coast

The following evergreen shrubs are recommended for planting directly on the ocean front where they are exposed to the salt air and ocean winds. Those marked with an asterisk are the best.

- | | |
|-----------------------|---------------------------|
| *Aberia caffra | Hakea laurina |
| Buddleia asiatica | *Hakea suaveolens |
| *Buddleia superba | *Lantana |
| Cistus purpureus | *Melaleuca armillaris |
| Cistus ladaniferus | *Myoporum laetum |
| Cotoneaster pannosa | Nerium (Oleander) |
| Cassia tomentosa | *Pittosporum crassifolium |
| *Coprosmma baueri | Veronica imperialis |
| *Elaeagnus pungens | Veronica Purple Queen |
| *Elaeagnus fruitlandi | Rhus integrifolia |
| Genista hispanica | Statice perezii |

GRAND DUKE JASMINE

Jasminum Grand Duke. 5 ft. A rare and beautiful, semi-reclining shrub with full, double flowers of pure white with a powerful and refreshingly sweet perfume. In Arabia the single form of this Jasmine is used to scent Jasmine Tea. Best in mild coastal regions. Blooms in fall and winter. 9-inch pots, 12-18 inches, \$1.50; 6-inch pots, 10-12 inches, \$1.00; 4-inch pots, 75c.

BUSH HONEYSUCKLE

Lonicera implexa. "Bush Honeysuckle." A beautiful new evergreen Honeysuckle just introduced from the Balearic Islands in the Mediterranean Sea. It makes a beautiful spreading plant, about 2 feet high and 4 feet across, forming a crown of graceful arching branches, covered with gray-green leaves, but if it had no foliage at all, it would still be worth growing for the lovely and sweetly fragrant flowers, which are deep pink until fully open when they become creamy white. Clusters of the good sized blooms are borne over the entire plant during eight months of the year. Full sun or part shade. Hardy anywhere on the Pacific Coast or the South. Gal. containers, 1-2 ft., 75c.

There are many other flowering shrubs with unusually fragrant flowers described in this Catalog. Among them we call particular attention to the new *Viburnum carlesii* (page 43), the ever popular *Gardenia* (above), and to the following plants which are listed in this section: *Aiseosmia*, *Bouvardia*, *Boronia*, *Daphne*, and *Viburnum odoratissimum*.



HIBISCUS BRILLIANT

Flaming Trumpets Cover the Plant at All Times

The Gorgeous, Colorful Hibiscus

One of the showiest summer blooming shrubs with large glossy leaves and immense bright colored flowers. Likes a sunny position and does not stand much frost, but even if nipped back by cold weather, it will start up from the base and bloom again the same season. Thrives anywhere in Southern California from the seacoast to the desert, and is worth growing in other colder sections, even if they can be enjoyed for but one summer. Of exceedingly rapid growth.

Prices on all Hibiscus: Gal. containers, 1½-3 ft., 60c; 4-inch pots, 35c.

Agnes Gault. The finest Hibiscus ever brought in from Hawaii. Immense, long, single trumpets of coral pink. Always in bloom.

Brilliant. Immense single trumpets of brilliant scarlet. The most popular color in Hibiscus.

Peachblow. A most lovely shade of light pink.

Urania. Single, salmon with light pink center.

Double Rose Pink. Like a double peony.

Double Red. Large crimson flowers in great profusion.

See page 42 for the new Hibiscus pendunculatus.

Special Hibiscus collection: One each of the above six beautiful Hibiscus in 4-inch pots (regular price \$3.60), \$3.00.

HYDRANGEA

Hydrangea hortensis. 5-8 ft. Long a favorite in California gardens, with its large bold foliage and immense heads of pink flowers, which turn blue when grown in soils containing iron. Gal. containers or bare root, 1-2 ft., 50c.

Hortensis variegata. Leaves beautifully marked with white, cream, and green, and with its immense pink flower heads is a magnificent plant for shade or part shade. Gal. containers, 60c.

New French Hydrangeas

All plants ready to bloom this spring. Gal. containers, 1-2 ft., 60c.

Avalanche. The first to bloom, with immense heads of pure white, shading to delicate light pink as the flowers age.

Lillie Mouillere. Bright carmine red.

Triomphe. A brilliant glowing shade of deep rose-pink.

Note! No mail order filled for less than \$1.00.

HYPERICUM. Gold Flower

Hypericum moserianum. "Gold Flower." 2-3 ft. Makes a low, spreading mass of foliage 2 to 3 feet across, with beautiful large, golden yellow flowers all summer. Sun or part shade. Gal. containers, 35c; 4-inch pots, 25c.

H. calycinum. "Rose of Sharon." 1 ft. A fine ground cover, spreading by woody root-stocks and completely covering the soil. Its bright golden flowers shine out against the dark foliage. Sun or half shade. Gal. containers, 35c; 4-inch pots, 25c; \$20.00 per 100; flats of 100, \$4.50.

JASMINE. Bush Jasmine

Jasminum floridum. "Dwarf Bushy Jasmine." 3 ft. A fine low foreground shrub, with slender arching branches covered all spring and summer with yellow flowers. Hardy anywhere, including Arizona. Full sun. Gal. containers, 50c.

Jasminum Grand Duke. "The Fragrant Jasmine." See page 46.

LAURUS. LAURELS

Laurus cerasus. "English Laurel." 5-8 ft. Makes the finest specimen shrub possible with its large, thick, glossy green leaves and rounded shape. Balled, or in 5-gal. containers, 3-4 ft., \$3.00; 2-3 ft., \$2.00; gal. containers, 1½-2 ft., 50c.

L. lusitanica. "Portugal Laurel." 8 ft. Dark green, glossy leaved shrub with large panicles of white flowers which are quite fragrant at night. Balled, 1½-2 ft., \$2.00; gal. containers, 60c.

L. nobilis. "Grecian Bay or Laurel." Greece. 8 ft. Classic Laurel of antiquity. Stiff, dark green leaves. Gal. containers, 1½-2 ft., 60c.

LANTANAS

Lantanas. These popular ever-blooming shrubs grow very rapidly and are a mass of bloom almost all during the year. The dwarf varieties grow from 1 to 3 feet high and the tall varieties to 5 ft. The price on the following varieties: Gal. containers, 35c; 4-inch pots, 25c each, \$2.00 per 10, \$15.00 per 100.

Orange Red—Dwarf.

Light Pink—Tall.

Pure White—Dwarf.

Orange Red—Tall.

Clear Yellow—Dwarf.

Pure White—Tall.

Trailing Lantana. One of the finest plants in the world of trailing over sunny banks and walls. A mass of lavender flowers during most of the year. Fast growing. Gal. containers, 35c; 4-inch pots, 25c; 2¼-inch pots, \$7.50 per 100.

LEONOTIS

Leonotis leonuris. "Lion's Tail." 5 ft. Rapid growing, with heads of brilliant 4-inch flowers along the stems. Hardy anywhere. Gal. containers, 50c.

LEPTOSPERMUM. Australian Tea Tree

L. laevigatum. "Australian Tea Tree." 15 ft. Large, spreading shrub with graceful arching branches and grayish-green foliage, needing very little water and thriving in any soil, but it must have good drainage. Full sun. 5-gal. containers, 3-4 ft., \$1.35; gal. containers, 2-3 ft., 50c.

LIPPIA. Lemon Verbena

Lippia citriodora. "Lemon Verbena." Uruguay. 5 ft. The cool delightful fragrance of its foliage is unequalled. It is always found in the patios of old Spanish gardens in Europe and America. Gal. containers, 50c.

Grow Your Own Christmas Holly

Ilex aquifolium. "English Holly." The real old-fashioned kind. Must be planted in the shade in Southern California. Gal. containers, 60c; 4-inch pots, 40c; balled, bushy specimens, full of berries, 3-4 ft., \$10.00. Ask for quotations on larger specimens.

Ilex cornuta. "Chinese Holly." A splendid new Holly from China, with dark green, many-toothed leaves similar to those of the English Holly, forming a bushy, compact plant which is much better adapted to warmer climates than the English Holly. Thrives in sun or shade, except in the very hot interior. Rapid growing, and full of red berries when it gets older. A splendid foliage plant of which we think a great deal. Balled, bushy, 2-3 ft., \$2.50; 1½-2 ft., \$1.75; 1-1½ ft., \$1.25; gal. containers, 60c; 4-inch pots, 40c.

For California Holly, see page 49.

LIGUSTRUM. Evergreen Privets

The most widely used hedge plants in the Southwest are the Ligustrums or Privets, which include large and small leaved varieties, all of which can be trained into a low or tall hedge.

L. henryi. Small, glossy, pointed leaves; fast growing. Hardy anywhere from coast to desert. Specimen plant or hedge. Gal. containers, 50c; flats of 100, \$3.00.

Ligustrum nepalense. "Nepal Privet." 8 ft. Large, glossy deep green leaves, hardy from seacoast to desert. 5-gal. containers, 2-3 ft., \$1.35; gal. containers, 1½-2 ft., 50c.

L. ovalifolium. "California Privet." 3 to 8 ft. A most popular hedge plant for severe climates. Strong growing, bright green foliage, makes a compact hedge of any desired size when pruned. Partially loses leaves in winter. Gal. containers, 2-3 ft., 35c each, \$25.00 per 100; quart containers, 1-2 ft., 25c each, \$15.00 per 100; flats of 100, 8-12 inches, \$3.00.

THE FINEST DWARF FOLIAGE PLANT

Ligustrum coriaceum. 3 ft. The finest small dwarf evergreen foliage plant that we grow. Shade or half-shade. Gal. containers, 60c; 4-inch pots, 40c.

L. japonicum. "Japanese Privet." 6 to 12 ft. Leathery dark green glossy leaves and white flowers; the best hedge plant, making a fast heavy substantial growth. Hardy, drouth resistant. Excellent for Arizona. Gal. containers, 3-4 ft., 35c; flats of 100, \$2.50.

L. ovalifolium variegatum. "Golden Privet." Japan. 6 to 15 ft. The well known bright golden Privet so familiar in California. Gal. containers, 1½-2 ft., 35c; flats of 100, 8-10 inches, \$3.00.

L. sinensis. "Small-Leaved Evergreen Privet." 3 to 8 ft. The best small-leaved evergreen hedge Privet. Easily pruned to any low or medium height. Stands heat and cold and may be planted as a specimen shrub if desired. Gal. containers, 3-4 ft., 35c; flats of 100, \$2.50.

A Beauty from the Rio Grande

Leucophyllum texanum. 5 ft. A beautiful plant from the Rio Grande Valley in Texas, with soft, silvery foliage, which makes a lovely background for the lavender-blue flowers, 1 inch across. Prefers full sun and a comparatively dry location. Shows off best when contrasted with darker green plants. Gal. containers, 1-2 ft., 75c; 4-inch pots, 50c.

MAHONIA. Oregon Grape

Mahonia aquifolium. "Oregon Grape." 3 to 6 ft. Dark, lustrous, holly-like foliage and yellow flowers in dense clusters in the spring, followed by purplish berries. Thrives in almost any location, but partial shade and ample moisture result in brighter and glossier foliage. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50; gal. containers, 1-1½ ft., 50c.

M. japonica. "Japanese Mahonia." 6 ft. Large, bold, spiny-toothed leaves and large, dense clusters of bright yellow flowers followed by blue berries. Shade. Balled, 1½-2 ft., \$1.25; 1-1½ ft., \$1.00, gal. containers, 35c.

MELALEUCA. Bottle Brushes

Melaleuca decussata. 8 ft. Tall, fast growing, gray foliage, small lilac flowers. Full sun—dry soil. Gal. containers, 1-2 ft., 50c.

Melaleuca lateritia. 6-8 ft. 3-inch flower spikes of rich flaming scarlet. The best of the Bottle Brushes. Full sun. Gal. containers, 2-3 ft., 50c.

CALIFORNIA'S FINEST SEACOAST PLANT

Myoporum laetum. 6 ft. One of the finest shrubs for seacoast planting since it will thrive in the sand right down to the water's edge and makes a thick mass of shining green foliage in a remarkably short time. 5-gal. containers, 2-3 ft., \$1.35; gal. containers, 50c.

MYRTUS. Myrtle

Myrtus communis. "Roman Myrtle." 8 ft. Europe. Valuable for either single specimens or small hedge. The foliage is a shining green and highly aromatic. Easily kept pruned down to 3 ft. Succeeds well in hot dry situations. 5-gal. containers, 1½-2 ft., \$1.25; gal. containers, 1-1½ ft., 35c; flats of 100 plants, \$4.00.

M. communis compacta. "Dwarf Myrtle." 3 ft. One of the finest low evergreen hedge plants grown in California. Extremely dense and compact, with small dark shining leaves; shapes itself. Attains a height of 3 ft. quickly and stays there. Plant 18 inches apart. 5-gal. containers, 1½-2 ft., \$1.25; gal. containers, 1-1½ ft., 35c; flats of 100 plants, \$4.00.

M. communis microphylla. "Small-Leaved Roman Myrtle." 6 ft. A small leaved form which makes a smaller hedge than the communis. Excellent for desert planting. 5-gal. containers, 1½-2 ft., \$1.25; gal. containers, 1-1½ ft., 35c; flats of 100 plants, \$4.00.

M. communis variegata. "Variegated Roman Myrtle." 6 ft. Foliage variegated green and white. Excellent for a small hedge, 1½ or 2 feet in height. 5-gal. containers, 1½-2 ft., \$1.35; gal. containers, 1-1½ ft., 50c; flats of 100, \$4.00.

NANDINA

Nandina domestica. 5 ft. A favorite of California gardens is this plant, which is made up of a number of canes, densely clothed with compound leaflets, bronzy red when young, dark green at maturity, and with beautiful coppery red tones in winter. Topped with great showy clusters of red berries in winter, but more than one plant is necessary to secure berries. The Japanese call it "Sacred Bamboo." Full sun or part shade. Tubs, very bushy, 3 ft., \$2.00; 5-gal. containers, 1½-2 ft., \$1.25; gal. containers, 1-2 ft., 35c.

Five Splendid Foliage Plants

Where a bank of beautiful evergreen foliage is desired which will look handsome throughout the entire year, we recommend the following:

Aucuba japonica variegata. "Gold Dust Plant." 6 ft. Bushy plant, with large, glossy green leaves, which look as though they had been dusted with golden confetti. Green bark and large, brilliant red berries in winter. Does best in shade, and is a splendid background for Ferns or Azaleas. 9-inch pots, 2-3 ft., \$1; 5-inch pots, 1-1½ ft., 50c.

Berberis pruinosa. China. 6 ft. This is one of the finest of the evergreen Berberis in our opinion. The short, arching branches are densely clothed with long, glossy, spiny-toothed leaves, making about the most handsome clump of foliage that can be imagined. In the late winter and early spring appear the bright yellow flowers, followed in the summer by big, blue-black berries which look like the old Blueberries of the East. It is a plant that grows rapidly into a useful size but does not become too large or overgrown, nor does it become leggy at the bottom. Perfectly hardy anywhere in the West, except in extreme heat, but thriving best near the coast and in the cooler interior valleys. Balled, bushy, 1½-2 ft., \$1.35; gal. containers, 1-1½ ft., 50c.

Cocculus laurifolia. Himalayas. 8 ft. Long, shiny green leaves, wide spreading and bushy. Coast and cooler inland valleys. 5-gal. containers, 2-3 ft., \$1.35; gal. containers, 1½-2 ft., 50c.

Viburnum suspensum. 8 ft. A luxuriant mass of shiny dark green leaves from the South Sea Islands. Sun or shade. Best near coast. 5-gal. containers, 2-3 ft., \$1.35; gal. containers, 1-2 ft., 50c.

Viburnum odoratissimum. Extremely handsome shrub from the Khasia Mountains in China, with beautiful big, shining, thick leaves and pure white flower panicles with an extremely sweet delicious fragrance. Hardy anywhere except in the desert. Balled, 3-4 ft., \$1.75; 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 50c.



THE MAGNIFICENT CHINESE PHOTINIA

NERIUM . Orleander

The Oleander with its brilliant, showy blossoms, is a beautiful shrub throughout all of California. It does particularly well in the Imperial Valley and Arizona, gives a quick effect wherever planted, and is in bloom during almost all the year.

Mrs. Roeding, Double Salmon Double Blood Red
Double Light Pink Single Cherry Red
Double Rose Pink Double White

Prices: Balled, with a 2-3 ft. head on a 2 ft. stem, \$2.50; balled, bushy, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 50c.

OSMANTHUS. Sweet Olive

Osmanthus aquifolium. 8 ft. The handsome plant looks like a graceful, dark leaved Holly, with the added attraction of small white, exceedingly fragrant flowers in the Autumn. Perfectly hardy anywhere, but needs protection from the sun in hot inland locations. Balled, bushy, 1½-2 ft., \$1.50; gal. containers, 60c; 4-inch pots, 40c.

Osmanthus fragrans. "Sweet Olive." See page 46.

PITTIOSPORUM

Pittosporum tenuifolium. New Zealand. 15 ft. Tall, bushy, with black stems, making a contrast against the glossy, sea-green foliage. Tubs, 5-6 ft., \$2.50; gal. containers, 50c.

P. rhombifolium. Australia. 15 ft. Small tree; fragrant white flowers, large orange berries. Balled, 5-6 ft., \$1.50; 4-5 ft., \$1.25; gal. containers, 2-3 ft., 50c.

P. tobira. "Japanese Pittosporum." Japan. 5 to 8 ft. As a medium sized evergreen shrub for general use this plant is second to none for planting in California. It is a wide spreading, dense, round headed shrub, with deep, glossy green foliage, excellent for massing against the house or wall, or for a fine large hedge. In the winter it is covered with small, fragrant white flowers, resembling orange blossoms. Fine for Arizona. 5-gal. containers, 1½-2 ft., \$1.50; gal. containers, 1-2 ft., 35c.

P. tobira variegata. 8 ft. A beautifully variegated form of the above. 5-gal. containers, 1½-2 ft., \$1.50; gal. containers, 1-2 ft., 50c.

P. undulatum. Australia. 20 ft. Deep green, glossy undulated leaves. Its yellowish white flowers are very fragrant, especially at night. Excellent for planting in narrow parkways or tall hedge. 5 gal. containers, 2-3 ft., \$1.35; gal. containers, 1-2 ft., 50c.

POINSETTIA

Poinsettia pulcherrima. The well known "Christmas Flower." Unsurpassed for the splendor of its brilliant scarlet flower bracts. 6-inch pots, 50c; 4-inch pots, 35c.

Poinsettia Henriette Ecke. This is probably the finest of all Poinsettias for ornamental purposes. The large, brilliant red flowers have a full double center like a Peony and are extremely unusual in this respect. Blooms November to March. Gal. containers, 85c.

PRUNUS. Evergreen Cherry

P. ilicifolia. "Wild Cherry." 10 to 20 ft. Native to the dry mesas of California and because of its glossy, holly-like leaves is much used for Christmas decorations. Splendid for large hedge or background. Gal. containers, 1-2 ft., 50c.

P. integrifolia. "Catalina Cherry." 20 ft. Large, glossy, dark green holly-like leaves, native to Catalina Island. Fine small street tree, large shrub, or hedge. 5-gal. containers, 3 ft., \$1.35; gal. containers, 2 ft., 50c.

PYRACANTHA. Burning Bush

This group, formerly called *Crataegus*, belongs to the evergreen Hawthorns. They are exceedingly valuable for the great wealth of bright colored berries which they furnish in the fall and winter, and which remain on the plant for many months. Hardy, except in the desert sections.

P. crenulata. Japan. 6 ft. Has the reddest berries of all *Pyracanthas* scattered along the stems instead of in bunches. Lower growing than the others. 5-gal. containers, 2-3 ft., \$1.35; gal. containers, 1-2 ft., 50c.

P. formosana. 8 ft. Possibly the showiest of all this group of berried plants, recently introduced from Formosa. A solid mass of brilliant red berries in fall and winter. 5-gal. containers, 2-3 ft., \$1.35; gal. containers, 1½-2 ft., 50c.

P. lalandii. "Burning Bush." 8 ft. The most popular variety, of erect growth, with a wealth of orange colored berries all winter. 5-gal. containers, 1½-2 ft., \$1.35; gal. containers, 1-2 ft., 50c.

P. yunnanensis. 8 ft. One of the most vigorous plants of this group, the dark glossy green foliage acting as a background for great masses of red berries. 5-gal. containers, 2-3 ft., \$1.35; gal. containers, 1-2 ft., 50c.

PUNICA. Evergreen Pomegranate

Punica granatum nana. "Dwarf Evergreen Pomegranate." India. 3 ft. A miniature Pomegranate with fresh green foliage, many bright scarlet flowers and small crimson fruits. Almost evergreen. Full sun. Coast or desert. Balled, 1½-2 ft., \$1.50; gal. containers, 1-1½ ft., 50c.

RHODODENDRON

Rhododendron Pink Pearl. Enormous flowers of soft light pink. All *Rhododendrons* should have partial shade and an acid soil, with plenty of vegetable matter in it. These plants are ready to bloom next spring. 3-4 ft., \$8.00; 1½-2 ft., \$5.50.

Rhododendron Hybrids. Large flowers, assorted colors, 12-15 inches, \$2.75.

THE SHOWY LAVENDER-FLOWERED RUELLIA

Ruellia macrantha. Brazil. 4-5 ft. One of the showiest and most everblooming of flowering shrubs for a mild climate, producing freely all over the large foliaged plant big, dark lavender, funnel-shaped flowers almost the entire year around, even through the winter. Hardy down to 25 degrees. Part shade. Gal. containers, 75c.

PHOTINIA

Photinia arbutifolia. "California Holly or Christmas Berry." 10 ft. The well known native California shrub of which the red berries are sold in great quantities at Christmas time. Under cultivation it makes a beautiful large spreading, well shaped bush, producing great handsome clusters of brilliant berries. Needs sun, drainage and plenty of room. 5-gal. containers, 3-4 ft., \$2.00; gal. containers, 1-2 ft., 75c.

The Chinese Photinia

Photinia serrulata. Our own native California *Photinia* described above may excel in its brilliant masses of berries, but for foliage and flowers, its Chinese cousin wins by a mile, and for all of California and Arizona there is no finer large evergreen shrub than this magnificent variety. At all times it is clothed with great dark, shining 8-inch leaves, which are dotted during fall and winter with occasional brilliant red leaves, and in spring the plant becomes a solid mass of great 6-inch heads of white flowers. The Chinese esteem it as one of the finest shrubs, as do those who know it in this country. Balled, 4-5 ft., \$2.00; 3-4 ft., \$1.50; 2-3 ft., \$1.25.



STRELITZIA REGINAE

The Famous Exotic Bird of Paradise

SANTOLINA

Santolina. Low gray-leaved border plant, 12 to 18 inches high, growing very rapidly. Should be sheared to keep it compact. In flats of 100, \$2.50.

SALVIA

S. leucantha. "Purple Salvia." Mexico. 2 ft. Sends up in winter and spring many spikes of small globular, velvety purple and white flowers. Valuable for winter color. Full sun. Gal containers, 35c.

STREPTOSOLEN

Streptosolen Jamesoni. Colombia. 5 ft. Extremely showy shrub with vivid masses of bell-shaped orange-yellow flowers. Full sun. 5-gal. containers, \$1.50; gal. containers, 50c.

A GROUP OF NATIVE CALIFORNIA FLOWERING PLANTS

ARBUTUS. Madrone

Arbutus Menziesii. "Madrone." Magnificent large foliaged small tree of the coast ranges and cooler inland mountain canyons, with beautiful polished crimson or terra-cotta bark. Gal. containers, \$1.00.

CEANOOTHUS. California Lilac

In the springtime the California foothills and mountain canyons are glorious to behold because the landscape is massed with the delicate blue flowers of the California Lilac or Buckthorn, and the air is scented with their sweet perfume. They grow rapidly in the garden and thrive anywhere as long as they have good drainage.

Ceanothus arboreus. 8-15 ft. The plant itself and the foliage, also, is larger than most Lillacs, and the flowers are rich deep blue. Gal. containers, 60c.

C. cyaneus. 5-10 ft. Possesses the deepest shade of blue and the greatest fragrance. The glory of the garden during its blooming period. 1 to 2 ft., 75c.

Ceanothus spinosus. 10 ft. Vigorous, spiny foliage and light blue flowers. Gal. containers, 50c.

CARPENTERIA

Carpenteria californica. 6 ft. One of the most handsome of California native flowering plants, with large long leaves and showy, fragrant white flowers, 3 inches across, often so numerous that they make the plant look like a mound of snow. Prefers sun near the coast and part shade inland, requiring always a well drained soil. Gal. containers, 85c.

RHUS. Lemonade Berry

Rhus integrifolia. "Lemonade Berry." 3-10 ft. One of the finest native coastal shrubs for a thicket of green foliage. 5-gal. containers, 4-5 ft., \$1.35; gal. containers, 1½-2 ft., 50c.

The Beautiful Bird of Paradise

Strelitzia reginae. "Bird of Paradise." 3 ft. A rare, tropical-appearing little plant, with foliage like a small edition of a banana, and bearing, almost the year around, on long 3-foot stems, weirdly beautiful, gorgeously hued flowers of vivid orange and blue which look like brilliantly colored tropical birds. Succeeds anywhere except in the desert or cold locations. Full sun. All of these plants are of blooming size and the largest will have many flower buds. Boxed, double clumps, 3-4 ft., \$20.00; single clumps, 3-4 ft., \$15.00; 2-3 ft., \$12.50; 1½-2 ft., \$8.00.

S. nicolai. 12 ft. Grows much larger than the above—something like a large symmetrical banana plant. The blossoms, while the same shape as *S. reginae*, are blue and white. 3-4 ft. clumps, \$5.00; 2-3 ft., \$3.50; 1½-2 ft., \$2.50.

TEUCRIUM

Teucrium fruticans. Italy. 3 ft. A much branched little plant with greyish foliage, covered continually with little bright blue flowers. Particularly adapted to dry sunny places. Gal. containers, 50c.

VERONICA

Veronica imperialis. New Zealand. 3 ft. Smooth, dark green foliage and short spikes of reddish-purple flowers. Particularly fine near the coast or in partial shade inland. Gal. containers, 35c.

V. imperialis Purple Queen. Same as above but with flowers of bluish violet. Gal. containers, 35c.

VIBURNUM

Viburnum odoratissimum. See page 48.

Viburnum suspensum. See page 48.

V. tinus. "Laurustinus." 10 ft. South Europe. Well-known winter flowering shrub, bearing in profusion clusters of small, flesh colored blooms. A splendid hedge for a sunny location. Balled, 2-3 ft., \$1.25; 1½-2 ft., \$1.00; gal. containers, 1-1½ ft., 35c.

Viburnum carlesi. See page 43.

Old Fashioned Fragrant Herbs

Lavandula vera. "Lavender." 3 ft. The old-fashioned sweet lavender, with soft gray foliage and delightfully fragrant, lavender flowers on long stems. Gal. containers, 1-1½ ft., 50c.

Rosemary. A charming old herb, deliciously fragrant in foliage and flower. Gal. containers, 50c.

CHILOPSIS—FLOWERING OR DESERT WILLOW

Chilopsis linearis. 8-15 ft. One of the most surprising of California's native plants, with the appearance of a small Willow but clothing itself with astonishingly beautiful flowers, trumpet-shaped, 2 inches long, and rich lilac-pink in color. Full sun. Dry soil. Gal. containers, 75c; 4-inch pots, 50c.

DENDROMECON. Tree Poppy

Dendromecon regidum. "California Tree Poppy." 4-6 ft. Among California's native flowering plants, this is one of the very finest, making a spreading, low, clump of grayish-green foliage, covered in the spring with many magnificent yellow flowers one to two inches across. Must have sun and good drainage. Gal. containers, 1 to 2 ft., \$1.00.

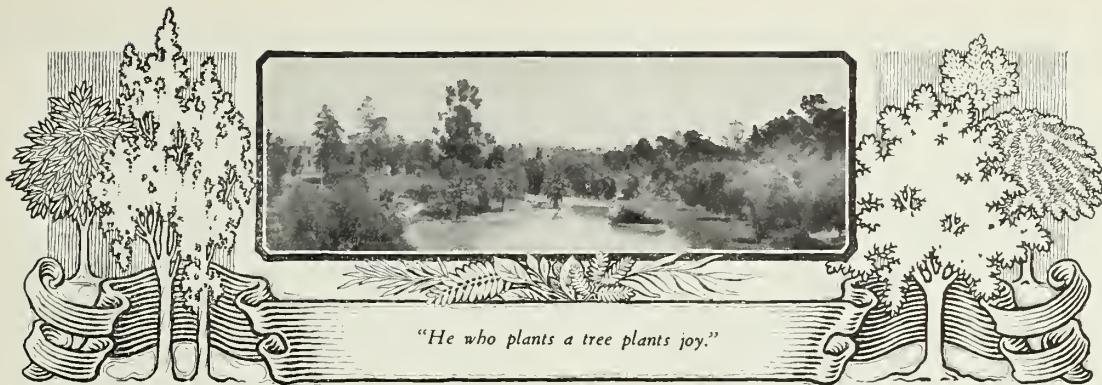
FREMONTIA

Fremontia californica. A splendid native flowering shrub, with small fig-like gray-green leaves, and a marvelous profusion of bloom in late winter and spring. The exquisite flowers are two or three inches across, deep satiny-yellow in color. The plant grows very rapidly and blooms immediately. Must have warm sunny location and excellent drainage. Gal. containers, 1½-2 ft., \$1.00.

F. mexicana. Similar to the above but deeper orange-yellow flowers, streaked with crimson in the bud. Gal. containers, 1½-2 ft., \$1.00.

ROMNEYA. Matilija Poppy

Romneya coulteri. "Matilija Poppy." 6 ft. Not only one of the finest of California's wild flowers, but one of the most beautiful flowering plants in existence. Forms a magnificent clump of gray-green foliage surmounted with its magnificent great white blooms, often 6 inches across. 85c each.



Broad-Leaved Evergreen Trees

We are particularly favored in California with a large and varied assortment of broad-leaved evergreen trees which flourish in our climate and are such a characteristic feature of our plantings. Near the coast, the Acacias, Oak, Jacaranda, Magnolia, Flame Tree, and Evergreen Elm make beautiful trees, while more adapted to the arid desert parts of the southwest are the Casuarina, Parkinsonia, Grevillea, and Pepper, while the Eucalyptus will thrive almost any place.

Price Reductions for Quantities

If 10 or more assorted evergreen shrubs are ordered at one time, the following price reductions may be taken:

All plants priced at \$1.35 each.....\$12.50 per 10

All plants priced at .60 each..... 5.00 per 10

All plants priced at .50 each..... 4.50 per 10

NOTE! No mail order filled for less than \$1.00.

ACACIAS

Acacias grow rapidly and easily anywhere in the coastal sections or inland valleys of California, and most varieties contribute glorious masses of fragrant yellow blooms in winter or spring.

A. armata. "Kangaroo Thorn." 10 ft. A large spreading shrub, with many bright yellow blooms. Quite spiny, making a good protecting hedge. Gal. containers, 2-3 ft., 50c.

A. Baileyana. 30 ft. Unquestionably the most popular and probably the most handsome of all Acacias, with beautiful, fern-like, silvery blue-green foliage. Completely enveloped from January to March with great sprays of lovely lemon-yellow flowers. Large spreading and fast growing, it makes a beautiful garden tree. The hardiest Acacia. 5-gal. containers, 5-7 ft., \$1.35; gal. containers, 4-5 ft., 60c; 3-4 ft., 50c.

A. Baileyana purpurea. Exactly like the above but the tip of every branchlet has a rich purple tinge. 5-gal. containers, 4-5 ft., \$2.00.

A. cultriformis. 8 ft. Dwarf, with small bluish triangular leaves and bright yellow flowers. 5-gal. containers, 5-6 ft., \$1.35; gal. containers, 4-5 ft., 50c.

A. decurrens. "Green Wattle." 50 ft. Very similar to *A. Dealbata* but with dark green foliage and brighter yellow flowers. gal. containers, 4-5 ft., 50c.

A. dealbata. "Silver Wattle." 60 ft. Faster growing than any other Acacia, giving remarkably quick results and becoming, in a very short time, a large, spreading tree with fern-like leaves of bluish-green, covered in late winter with a wealth of golden yellow flowers. If the main trunk is cut back after a year or two, the tree will become more dense and spreading. 5-gal. containers, 5-7 ft., \$1.35; gal. containers, 4-5 ft., 50c.

A. floribunda. "Everblooming Acacia." 25 ft. A fast, upright growing tree, making a dense round head. Long, narrow leaves, small creamy yellow flowers blooming constantly during the summer. 5-gal. containers, 5-7 ft., \$1.35; gal. containers, 4-5 ft., 60c.

A. latifolia. 15 to 25 ft. Much used for backgrounds and low, bushy effects because with a little pruning, it makes a dense mass of foliage, thriving anywhere. Particularly fine where exposed to direct ocean winds. 5-gal. containers, 5-7 ft., \$1.35; gal. containers, 4-5 ft., 50c.

A. melanoxylon. "Black Acacia." 40 ft. Extensively planted in the Southwest as a street tree, because it grows very rapidly under almost all soil and climatic conditions. Naturally pyramidal but may be trained into globes or other shapes. 5-gal. containers, 5-7 ft., \$1.35; gal. containers, 4-5 ft., 50c.

The Finest Acacia Flowers

A. podalyriaefolia. 15 ft. This dwarf, spreading Acacia has the showiest and most spectacular flowers of all; immense clusters of rich canary-yellow flowers borne in profusion from November to February when flowers are scarce. Beautiful, large, downy, blue-gray foliage. 5-gal. containers, 3-5 ft., \$1.50; gal. containers, 2 3 ft., 50c.



ACACIA VARIETIES, SHOWING CHARACTERISTIC FOLIAGE

Baileyana

A. Cultriformis

A. Floribunda

A. Melanoxylon

A. Podalyriaefolia

A. Dealbata



THE ORCHID-LIKE FLOWERS OF BAUHINIA

BAUHINIA. Orchid Tree

Bauhinia purpurea. "Orchid Tree." 20 ft. An exceedingly showy small tree or large shrub, with two-lobed leaves and magnificent, showy flowers varying from deep pink to purple with yellow markings, 3 inches or more across. Blooms better inland than directly on the coast. 5-gal. containers, 2-4 ft., \$1.75; gal. containers, 1-2 ft., 75c.

CASUARINA. Beefwood or She Oak

Casuarina stricta. "Beefwood or She Oak." 30 ft. A fine street tree for all locations because it is very hardy, withstanding alkali, drought, heat and cold. Fast growing, resembling a Pine. 5-gal. containers, 6-8 ft., \$1.35; gal. containers, 2-3 ft., 50c.

Casuarina equisetifolia. 100 ft. A larger tree than *C. stricta*, with heavier, longer, pale green leaves. Fast growing and picturesque. 5-gal. containers, 6-8 ft., \$1.35; gal. containers, 4-5 ft., 50c.

The Beautiful Cape Chestnut

One of the most magnificent flowering trees in the world is the beautiful *Calodendron capensis* (Cape Chestnut), which is native only to a small area in the coastal forests of South Africa. It forms an immense globular head of evergreen foliage in California, growing up to 50 feet in time, and in early summer is almost a solid mass of color with its great panicles of rosy-lavender blooms which cover the tree. It is not a difficult tree to grow in California, preferring the lighter, well drained soil and needing little water. Even its name, *Calodendron*, is a Greek word, meaning "Beautiful Tree," and it lives up to this characterization even when out of bloom, for its large evergreen foliage is handsome at all times. Only recently has seed been available so that trees could be offered in California. See colored illustration on back cover. 5-gal. containers, 3-4 ft., \$2.00; gal. containers, 2-3 ft., \$1.00.

CAMPHORA. Camphor Tree

Camphora officinalis. "Camphor Tree." 100 ft. The Camphor often attains great size, but not for many years, and because of its moderate growth and regular form it is often used for narrow parkways as a street tree. Always handsome with its dense, bright green, glossy foliage. 5-gal. containers, 5-6 ft., \$1.35; gal. containers, 3-4 ft., 50c.

CERATONIA. Carob

Ceratonia siliqua. "St. John's Bread or Carob." 40 ft. Admirably adapted as a tree for ornamental street planting, or as single specimens. Its symmetrical shape and dense, glossy, evergreen foliage, the same throughout the year, are fast making the Carob one of the most desired street trees. It is long-lived, deep-rooted, does not become too large or straggly, and is a most satisfactory tree. 5-gal. containers, 5-7 ft., \$1.35; gal. containers, 3-4 ft., 50c.

CORNUS. Evergreen Dogwood

Cornus capitata. "Evergreen Dogwood." A handsome small evergreen tree, with the showy white flowers of the Dogwood followed by showy red seed vessels. 5-gal. containers, 2-3 ft., \$1.35; gal. containers, 1½-2 ft., 50c.

EUCALYPTUS

Of all exotic trees introduced into California, none has identified itself so completely with the California landscape. Many kinds are well suited to park and street planting. Others are valued highly for their magnificently colored flowers. The tall, fast-growing varieties are excellent for windbreaks and wood. For Arizona and other arid inland regions, we recommend *E. rudis*, *E. rostrata*, *E. viminalis*, *E. tereticornis*, and *E. polyanthemos*.

E. citriodora. "Lemon-scented Gum." 100 ft. A fine ornamental tree with long, slender lemon-scented leaves, which sends one slender straight white trunk towering to a great height with a round airy crown at the top. A rapid grower. The pungent fragrance of the foliage, the picturesque form, and white trunk from which the bark peels off, make it valuable. Gal. containers, 3-4 ft., 50c.

Flowering Eucalyptus

E. ficifolia. "Scarlet Flowering Eucalyptus." 25 ft. One of the most glorious sights in California is one of these trees in full bloom, with its great clusters of brilliant scarlet flowers set in a background of large, dark, glossy leaves. It is a rather dwarf tree and does not take much room, thriving best near the coast where the temperature does not go below 20 degrees. Needs plenty of water. 5-gal. containers, 6-8 ft., \$2.00; 5-6 ft., \$1.75; gal. containers, 3-4 ft., 60c; 2-3 ft., 50c.

E. calophylla rosea. 25 ft. Similar in habit and growth to the Scarlet Flowering type, but the richly colored flowers are a deep-rose pink in color. Many people prefer it. 5-gal. containers, 5-7 ft., \$1.75; gal. containers, 3-4 ft., 50c each.



CAROB TREE

Attractive Evergreen Shade and Street Tree



FLOWERS OF JACARANDA

Brilliant Blue Blooms and Fern-like Foliage

E. corynocalyx. "Sugar Gum." 120 ft. Erect, fast growing, thriving anywhere in Southern California, even in the hot interior regions. More drought-resistant than most varieties but not resistant to excessive frost. Gal. containers, 2-3 ft., 50c; flats of 100 small plants, \$3.00.

E. globulus. "Blue Gum." 150 ft. One of the fastest growing trees in the world and the most widely planted in California. Much used for windbreaks and fuel; thrives anywhere except in very cold sections or in the desert. The young growth has a beautiful blue color. 5-gal. containers, 8-10 ft., \$1.25; gal. containers, 4-5 ft., 35c each, \$30.00 per 100; quart containers, 2-4 ft., \$2.00 per 10, \$15.00 per 100; 2-inch paper pots, 8-12 inches, \$10.00 per 100; flats of 100 small plants, \$2.50, \$22.50 per 1000.

E. globulus compacta. "Bushy Blue Gum." 40 ft. A variety of the Blue Gum which has no main trunk but is very bushy and densely branched, forming a symmetrical, almost round, compact head. Gal. containers, 2-3 ft., 50c; flats of 100 small plants, \$3.00.

E. leucoxylon rosea. "Pink Flowering Ironbark." 100 ft. A very large, low-branching tree with a smooth white trunk, from which the bark peels off. The flowers are a lovely pink and the tree is hardy from seacoast to desert. 5-gal. containers, 6-8 ft., \$1.35; gal. containers, 4-5 ft., 50c; flats of 100, \$3.00.

E. rostrata. "Red Gum." 120 ft. A rapid grower that endures much heat, severe frost and considerable drought. Widely planted as a forest cover, windbreak and shade tree. 5-gal. containers, 6-8 ft., \$1.25; gal. containers, 4-5 ft., 35c, \$3.25 per 10; quart containers, 2-4 ft., \$2.25 per 10, \$20.00 per 100; flats of 100, \$3.00.

E. rudis. "Desert Gum." 75 to 100 ft. A valuable species for the cold interior valleys since it is hardy down to 15 degrees. Much used in Arizona and Imperial Valley. A vigorous, rapid-growing erect tree with round leaves when young, lance-shaped when older. 5-gal. containers, 6-8 ft., \$1.25; gal. containers, 3-5 ft., 35c each, \$30.00 per 100; quart containers, 2-4 ft., \$2.25 per 10, \$20.00 per 100; flats of 100, \$3.00.

E. sideroxylon rosea. 40 ft. One of the most beautiful of all Eucalypti, adapted to almost any location, as it is quite hardy. Of moderate size, with masses of delicate pink flowers contrasted with dense, silvery-gray foliage, the leaves being long and narrow. 5-gal. containers, 6-8 ft., \$1.35; gal. containers, 4-5 ft., 50c; flats of 100, \$3.00.

E. tereticornis. "Gray Gum." 150 ft. Thrives under a great variety of conditions, both on the coast and in the desert. Will use plenty of water but does not require it, and stands extremes of heat and cold. Gal. containers, 3-4 ft., 50c; flats of 100, \$3.00.

E. polyanthemus. 75 ft. A medium sized, spreading tree, with round leaves, thriving anywhere in California or Arizona, being resistant to extreme frosts, heat or drought. 5-gal. containers, 5-7 ft., \$1.35; gal. containers, 4-5 ft., 50c; flats of 100, \$3.00.

E. viminalis. "Manna Gum." 125 ft. A very hardy variety, enduring both heat and cold, and exceeded in rapidity of growth only by the Blue Gum, while it will grow in colder situations. Its long, pendulous, narrow leaves and chalky white trunk make it very picturesque. Gal. containers, 4-5 ft., 50c; flats of 100, \$3.00.

GREVILLEA. Silk Oak

Grevillea robusta. "Silk Oak." 100 ft. A graceful tree, with fern-like leaves; covered in summer with comb-like golden yellow flowers, 6 inches long. Very drought-resistant and easily grown. 5-gal. containers, 5-7 ft., \$1.35; gal. containers, 3-5 ft., 50c.

JACARANDA

Jacaranda mimosaeifolia. 30 ft. One of the handsomest flowering trees grown in Southern California. Forms a round, symmetrical head of light green, fern-like foliage, and in spring the entire tree is a mass of light violet-blue tubular flowers, borne in clusters. Should not be planted where the temperature frequently goes below 20 degrees. 5-gal. containers, 6-8 ft., \$1.35; gal. containers, 3-4 ft., 50c.

MAGNOLIA

Magnolia grandiflora. "Southern Magnolia." 60 ft. The well-known Magnolia of the South, making a large, stately tree in time, although of slow growth. Has beautiful dark green, heavy, shining foliage and in the summer and fall produces its magnificent large pearly-white flowers 6 to 8 inches across, intensely fragrant. Heavy trees, with large, well-branched heads, field grown, 8-10 ft., \$3.00; 6-8 ft., \$2.50; 5-6 ft., \$2.00; 5-gal. containers, unbranched, 5-7 ft., \$1.35; gal. containers, 4-5 ft., 50c.

Dwarf Everblooming Magnolia

Magnolia exoniensis. A valuable and rare form of the Southern Magnolia, which grows only to 12 or 15 feet, making a beautiful small tree, compact and handsome with its large, dark green glossy leaves. Its finest characteristic is the great quantity of big, fragrant flowers that it bears all summer long from June to October, beginning when it is only a few feet high. The great cupped, snowy blooms possess a most delicious fragrance, which combines the fresh fruity scents of lemon and pineapple with the richest spices. Hardy almost anywhere except in the desert. See colored illustration on outside back cover. Balled, field grown, 4-6 ft., \$3.50; 3-4 ft., \$2.50; 2-3 ft., \$2.00.



CALIFORNIA LIVE OAK
A Noble and Picturesque Native Tree

PARKINSONIA. Jerusalem Thorn

Parkinsonia aculeata. "Jerusalem Thorn." 15 ft. A native of the Colorado Desert which thrives in dry soils any place in the Southwest. Smooth, bright green bark and many feathery branchlets which take the place of leaves. During early summer is a mass of small, bright yellow flowers. 5-gal. containers, 5-6 ft., \$1.35; gal. containers, 3-4 ft., 50c.

QUERCUS. Oak

Quercus agrifolia. "California Live Oak." 50 ft. The most picturesque trees that grace the landscape of California are the evergreen oaks. This variety is the best native species, with medium sized, toothed leaves, making a large, dense, handsome, fast growing tree. 5-gal. containers, 6-8 ft., \$1.50; gal. containers, 3-4 ft., 60c; 2-3 ft., 50c.

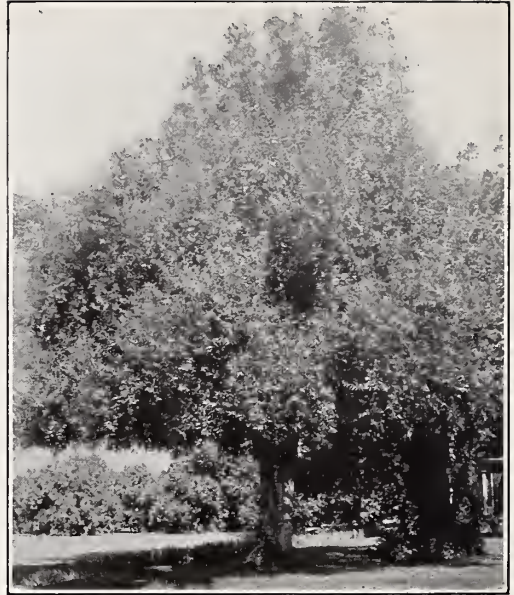
Q. suber. "Cork Oak." 50 ft. From this big, beautiful, fast growing Oak, cork is obtained for your home-brew and your linoleum. It is a magnificent specimen, and the thick, furrowed, spongy bark makes it doubly interesting. 5-gal. containers, 5-6 ft., \$1.50; gal. containers, 3-4 ft., 60c; 2-3 ft., 50c.

The Famous Silver Tree

Leucadendron argenteum. "Silver Tree." 15-30 ft. This is one of the world's most famous trees and is found growing wild only on Table Mountain at the Cape of Good Hope. California is one of the few places in the world where the tree thrives outside of its native home. The lance-shaped leaves are 3 to 6 inches in length, densely covered with silvery-white, silky hairs, and even the limbs are silky. It is a beautiful tree because everything about it is silvery-white, and the name itself in Greek means "White Tree." It is indeed the whitest tree grown. Thrives in the milder districts of Southern California where the temperature does not go below 28 degrees and the drainage is good. 6-inch pots, 1-2 ft., \$1.75; 4-inch pots, 8-12 inches, \$1.00.



THE UNIQUE SILVER TREE
Everything About it is Silvery White



CALIFORNIA BAY OR LAUREL
A Native of the California Mountains

SCHINUS, Pepper Tree

Schinus molle. "California Pepper." 50 ft. This unique and beautiful tree has become so identified with California that it stands as a symbol of the Golden State. Grows anywhere with little care. 5-gal. containers, 5-6 ft., \$1.35; gal. containers, 4-5 ft., 50c.

S. terebinthifolius. "Brazilian Pepper." 50 ft. Not so well known as the above but just as valuable a tree, having larger, longer leaves and greater quantities of brilliant scarlet berries. Does remarkably well under the hottest desert conditions, and also a splendid tree on the seacoast. 5-gal. containers, 6-8 ft., \$1.35; gal. containers, 3-4 ft., 50c.

STERCULIA. Bottle Tree

Sterculia acerifolia. "Flame Tree." 50 ft. A wonderful tree, with large, shining, maple-like leaves, producing in the early summer great quantities of small cup-shaped blooms of rich red or scarlet stems. 5-gal. containers, 5-7 ft., \$1.50; gal. containers, 2-3 ft., 50c.

Sterculia diversifolia. "Bottle Tree." 25 ft. Excellent for narrow parkways and dry soils, because of its small narrow shape and deep rooted habit. Gal. containers, 2-3 ft., 50c.

TAMARIX. Athel Tree

Tamarix articulata. "Athel Tree." 30 ft. A fast growing, bushy tree much used as a windbreak in desert sections. Slender branches and grey-green foliage. Must be grown from cuttings planted where trees are to remain. Leave only one or two inches of cutting above ground. Cuttings, 12 inches long, \$2.50 per 100.

UMBELLULARIA. California Laurel

Umbellularia Californica. "California Laurel." 25 ft. A native of the California mountains, with long, narrow, dark green leaves, pungent when crushed. Slow growing, permanent, and handsome. 5-gal. containers, 3-4 ft., \$1.35; gal. containers, 2-3 ft., 50c.

The Beautiful Evergreen Elm

Ulmus parvifolia. "Evergreen Elm." 25 ft. One of the most beautiful elms in cultivation. A small tree with a spreading crown of slender drooping branches and delicate, bright green leaves. Evergreen except in cold sections, where its leaves are dropped for a short time. Large specimens, 3 ft. heads on 6 ft. stems, \$3.00; 5-gal. containers, 5-7 ft., \$1.50; gal. containers, 3-4 ft., 75c.



Hardy Coniferous Evergreen Trees

The Conifers or Cone-bearing Evergreens embrace a wide variety of trees and shrubs, almost all of them with needle or scale-like evergreen foliage, and resistant to low temperatures. The larger Coniferous trees are best planted where they will have plenty of room to spread out and in no case should their lower branches be trimmed away, for it ruins the symmetry and natural outlines of the trees.

Nearly all Conifers are field grown and are taken up and shipped with a ball of earth on the roots, such plants being designated as "balled" in the descriptions below.

ARAUCARIA

Araucaria bidwilli. "Bunya-Bunya Tree." 75 ft. A handsome lawn specimen, growing into a symmetrical dark green pyramid. Leaves sharp-pointed, thick and shiny. Balled, 1½-2 ft., \$1.50; 4-inch pots, 75c.

Araucaria imbricata. "Monkey Puzzle." 75 ft. An unusual, slow growing tree, the heavy branches clothed with dark green, scale-like leaves, grow in symmetrical whorls. Balled, 1-2 ft., \$1.50; 4-inch pots, 75c.

CHAMAECYPARIS. Lawson Cypress

Chamaecyparis Lawsoniana alumi. "Blue Lawson Cypress." 12 ft. Popular because of the beautiful metallic silvery-blue color and the symmetrical habit of growth. Thrives anywhere in the West except in desert sections. Ultimately reaches 12 feet, but not for many years. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

C. Lawsoniana erecta viridis. "Green Column Cypress." 8 ft. A symmetrical, compact pointed column, similar to C. alumi but rich green in color. 1½-2 ft.,

C. Lawsoniana wissellii. 5 ft. An exceedingly handsome dwarf variety, with rich, blue-green foliage, growing into a narrow column. We think it is one of the finest forms of the Lawson Cypress. Balled, 4-5 ft., \$3.50; 3-4 ft., \$2.50; 2-3 ft., \$2.00.

C. Lawsoniana Stewartii. "Golden Lawson Cypress." 8 ft. A brilliantly colored pyramidal plant, the foliage shining with an intense golden color. Needs partial shade inland. Balled, 3-4 ft., \$2.25; 2-3 ft., \$1.75; 1½-2 ft., \$1.50.

California's Famous Outdoor Christmas Tree

Cedrus deodara. "Deodar." 100 ft. The finest conifer for most of California, particularly the southern portion, is the famous Deodar Cedar from the Himalaya mountains. It makes a magnificent stately tree of towering pyramidal form, with great sweeping branches, and it should be given a location where it will have plenty of room to spread out since it makes a large tree in the course of a year. Its silvery bluish-green foliage is more suited to our California conditions than the darker more somber evergreens of the North and East. Balled, 2-8 ft., 75c per ft.; Boxed, 8-10 ft., \$12.50; 10-12 ft., \$15.00; 12-14 ft., \$17.50; 14-16 ft., \$25.00; 16-18 ft., \$30.00.

C. Libani. "Cedar of Lebanon," 100 ft. A native of Palestine, famed in Biblical lore, which makes a tall pyramidal tree resembling the Deodar when mature, but with more irregular open habit. Balled, 2-8 ft., 75c per ft.; boxed, 8-10 ft., \$12.50; 10-12 ft., \$15.00.

C. atlantica glauca. 40 ft. A beautiful symmetrical specimen tree of open habit, with foliage of intense silvery blue. Of slow growth, and while it makes a large tree in time, it can be regarded as a dwarf tree in the garden. A very rich, bright color. Balled, 3-4 ft., \$3.50; 6-8 ft., \$7.50; boxed, 8-10 ft., \$15.00.

Try It in Your Rock Garden

Chamaecyparis letinea aurea. One of the finest little dwarf pigmy evergreens for the rock garden or any other place where a beautiful little dwarf plant is needed. Densely crowded with its soft dark green foliage with an unobtrusive golden tint in spring. Balled, 15-18 inches, \$2.00; 10-15 inches, \$1.50.



THE GRACEFUL DEODAR



JUNIPER SABINA TAMARISCIFOLIA
Very Effective for Corners and Foregrounds

CEPHALOTAXUS

Cephalotaxus Harringtonia fastigiata. "Spiral Plum Yew." 8 ft. A formal upright columnar plant resembling Irish Yew. Balled, 2-3 ft., \$2.50.

Cypress

Medium sized, dense, bushy evergreens, usually of rapid growth and easy culture, thriving over a wide range. Monterey Cypress and Arizona Cypress are much planted for windbreaks.

Cupressus arizonica. "Arizona Cypress." 40 ft. A beautiful bluish-green cypress of narrow pyramidal form from the mountains of Arizona and Northern Mexico. A handsome tree for desert sections and when planted in hedge form makes an excellent thick windbreak. 5-gal. containers, 4-5 ft., \$1.50; gal. containers, 3-4 ft., 50c; qt. containers, 2-3 ft., \$2.50 per 10, \$20.00 per 100; flats of 100 small plants, \$3.00.

C. funebris. "Mourning Cypress." 60 ft. Wide spreading, pendulous branches, clothed with deep green foliage. A tree of unusual aspect. Balled, 3-4 ft., \$2.00.

C. glabra. "Smooth Cypress." 20 ft. Resembles a very fine deep blue type of Arizona Cypress, and is much more handsome. One of the finest specimen trees for arid conditions. 5-gal. containers, 3-4 ft., \$2.00; gal. containers, 1½-2 ft., 85c.

C. macrocarpa. "Monterey Cypress." 40 ft. The well-known picturesque native California cypress. Widely planted for hedge and windbreak, particularly near the coast, and can be pruned to make a low or tall hedge. 5-gal. containers, 5-7 ft., \$1.35; gal. containers, 2-3 ft., 35c; qt. containers, 1½-2 ft., 35c each, \$2.50 per 10, \$20.00 per 100; flats of 100 small plants, \$2.50.

C. sempervirens. "Italian Cypress." 60 ft. Tall, slender, green spires, invaluable as accent points in the landscape planting. Our trees are the true narrow type, holding their narrow shape permanently. Boxed, 12-14 ft., \$17.50; 10-12 ft., \$12.50; 9-10 ft., \$10.00; 8-9 ft., \$7.50; 5-gal. containers, 7-8 ft., \$3.50; 6-7 ft., \$2.75; 5-6 ft., \$2.00; 4-5 ft., \$1.50; gal. containers, 3-4 ft., 60c; 2-3 ft., 50c.

The Unique Guadalupe Cypress

Cupressus guadalupensis. One of the finest evergreen trees for the Southwest states is this splendid Guadalupe Cypress from the Guadalupe Islands off the Coast of Mexico. It has a spreading rounded head of exceedingly blue foliage, growing to 30 feet, and thrives in any soil under almost any conditions. Herds of wild goats on its native Island have exterminated it there and we must adopt it permanently in this country. 5-gal. containers, 4-6 ft., \$1.75; gal. containers, 3-4 ft., 85c.

Junipers

UPRIGHT TYPES

J. californica. "California Juniper." 10 ft. A native of the high desert mesas, making a beautiful, small, pyramidal tree. When small is silvery bluish-green, becoming darker as the plant matures. Unaffected by heat, cold, or drought. Balled, 2-3 ft., \$2.00.

J. chinensis columnaris. "Column Chinese Juniper." 10 ft. A new and rare introduction from China, forming a tall, narrow column with extremely blue, dense foliage. Balled, 3-4 ft., \$2.50; 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

Two Unusual Junipers

J. virginiana corymbosa. 8 ft. A semi-dwarf, picturesque plant, with densely crowded, tufted branchlets, which looks as if it had been trained artificially in old Japan. Splendid near a pool or in the background of a rock garden. Balled, 2-3 ft., \$2.50; 1½-2 ft., \$2.00.

Juniper pachyphlaea. "Blue Alligator Juniper." A beautiful dwarf form of the Alligator Juniper, which is native to Arizona and New Mexico. It makes a loose, round-topped, large shrub, with the most intense brilliant blue foliage, more brilliant than any other conifer that we grow. Hardy anywhere on the Pacific Coast or in the South and thriving under all conditions. Balled, 3-4 ft., \$2.50; 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

J. chinensis albo-variegata. "White Leaf Chinese Juniper." 6 ft. A broad, dense, dwarf pyramid of grey-green foliage, thickly spotted with white. Balled, 3-4 ft., \$2.75; 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

J. chinensis femina. 15 ft. A small, loosely pyramidal tree, with slender, horizontal branches drooping at the tip and light green foliage. Balled, 5-6 ft., \$3.50; 4-5 ft., \$2.75; 3-4 ft., \$2.00; 2-3 ft., \$1.50.

J. chinensis mascula. "Pyramidal Chinese Juniper." 20 ft. Similar to the above but more dense and compact, with darker blue-green foliage. Balled, 5-6 ft., \$3.50; 4-5 ft., \$2.75; 3-4 ft., \$2.00; 2-3 ft., \$1.50.



NARROW IRISH JUNIPER
A Slender Dwarf Blue Column

J. excelsa stricta. "Greek Juniper." 6 ft. A dense, dwarf, blue-green cone. Balled, 3-4 ft., \$2.50; 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

J. hibernica fastigiata. "Narrow Irish Juniper." 8 ft. Very narrow and erect like Italian Cypress, and glaucous blue-green in color. A very attractive conifer for using near columns and doorways, where great height is not desired. Balled, 4-5 ft., \$3.00; 3-4 ft., \$2.50; 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

J. sabina fastigiata. 8 ft. An upright, fast growing, pyramidal form of the well-known Savin Juniper. Balled, 5-6 ft., \$3.50; 4-5 ft., \$2.75; 3-4 ft., \$2.25; 2-3 ft., \$1.75.

J. virginiana. "Red Cedar." Well known pyramidal tree which thrives anywhere. Blue-green foliage, taking on a bronze tint in winter. Balled, 6-7 ft., \$3.00; 5-6 ft., \$2.50; 4-5 ft., \$2.00.

J. virginiana glauca. "Silver Cedar." 10 ft. In every state in the Union the beautiful Silver Cedar is known as one of the finest of the larger evergreens. Its ease of growth and bright blue color will make a place for it in almost any landscape planting. Balled, 5-6 ft., \$3.50; 4-5 ft., \$3.00; 3-4 ft., \$2.50; 2-3 ft., \$2.00.

SPREADING, SEMI-PROSTRATE JUNIPERS

Sizes indicate spread and not height.

J. sabina von Ehron. An improved form of the old Savin Juniper, with semi-spreading, picturesque drooping branches, and extremely dark green foliage. Thrives anywhere except in the desert. Balled, 4-5 ft., \$3.00; 3-4 ft., \$2.50; 2-3 ft., \$2.00.

J. virginiana tripartita. "Fountain Juniper." 6 ft. Sturdy, semi-spreading, deep green with angular, irregular branches as wide as it is high. Deep green in color. One of the finest for Arizona. Balled, 1½-2 ft., \$1.50; 2-3 ft., \$2.00.



THE INCENSE CEDAR

LIBOCEDRUS

Libocedrus decurrens. "Incense Cedar." 25 to 50 ft. A native of the California mountains and one of our finest evergreen trees. Makes a tall, narrow pyramidal or columnar tree with deep green lustrous foliage, very dense and compact. 5-6 ft., \$3.00; 4-5 ft., \$2.25; 3-4 ft., \$1.75; 2-3 ft., \$1.50.

Pines - For Rapid Growth

Pinus Canariensis. "Canary Island Pine." 80 ft. One of the most beautiful and permanent of all pines for California. Extremely long needles in large tufts. The new growth is silvery white. Tall and slender. Balled, 6-7 ft., \$3.00; 5-6 ft., \$2.50; 4-5 ft., \$2.00; 3-4 ft., \$1.50; gal. containers, 2-3 ft., 50c.

P. coulteri. "Big Cone Pine." 75 ft. A native California Pine, with very long needles and beautiful ornamental cones, 12 inches long. Very picturesque. Balled, 5-6 ft., \$3.50; 3-4 ft., \$2.25.

P. halepensis. "Aleppo Pine." 50 ft. A rapid growing Pine suitable for quick effects, particularly in dry locations. Longer lived than the Monterey Pine and similar in appearance. Balled, 6-8 ft., \$3.00; 5-6 ft., \$2.50; 4-5 ft., \$2.00; 3-4 ft., \$1.50; gal. containers, 2-3 ft., 50c.

P. pinea. "Stone Pine." 80 ft. Those who have traveled in Italy will remember this picturesque tree which develops a broad umbrella shape when mature. The seeds are edible. Balled, 3-4 ft., \$2.75; 2-3 ft., \$2.00; 1½-2 ft., \$1.50; gal. containers, 2-3 ft., 50c.

P. radiata. "Monterey Pine." 60 ft. A well known native of the California coast. Very bushy when young, with bright green foliage. Valuable for quick effects because it is the fastest grower of all Pines. Balled, 10-12 ft., \$15.00; 8-10 ft., \$4.00; 6-8 ft., \$2.75; 5-6 ft., \$2.00; 4-5 ft., \$1.35; gal. containers, 3-4 ft., 50c.

Pinus sabiniana. "Digger Pine." 50 ft. One of the famous native Pines of the California Mountains. Tall, with a rounded head and long 8 to 12-inch needles; blue-green in color. Balled, 3-4 ft., \$1.75.

PODOCARPUS

Podocarpus elongatus. 15 ft. A bushy tree of medium size with soft, light green foliage. Makes a dark green tracery against stucco walls. Sun or shade. Balled, 3-4 ft., \$2.00; gal. containers, 2-3 ft., 50c.

TAXUS. Yew

Taxus baccata erecta. "Broom Yew." 12 ft. Makes a narrow, compact column similar to Irish Yew but grows faster. 3-4 ft., \$3.00; 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

T. hibernica. "Irish Yew." The well-known narrow columnar Yew of slow growth, much used for formal decoration. 3-4 ft., \$5.00; 2-3 ft., \$3.00.

For a Splendid Bank of Foliage

Armstrong's Spreading Juniper. A new hybrid or sport discovered in our fields, which we believe is one of the finest new dwarf evergreens put on the market in some years. It makes a dense mass of soft, grey-green foliage, about 2 feet high, and becoming about 5 feet across. Splendid for massing in the foreground of any planting. Thrives in sun or shade. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50; 1-1½ ft., \$1.25.

J. chinensis Pätzariana. "Pätzers Juniper." 8 ft. Has bushy widespread horizontal branches, and forms an immense flat irregular head of bluish-green foliage, graceful in outline, 6 to 8 feet in height and the same across. Heat or cold, sun or shade, seacoast or desert, it does equally well under all conditions. Balled, 4-5 ft., \$3.50; 3-4 ft., \$2.75; 2-3 ft., \$2.00; 1½-2 ft., \$1.50; 1-1½ ft., \$1.10.

PROSTRATE JUNIPERS

Sizes determined by spread not height.

J. chinensis procumbens. "Trailing Chinese Juniper." A prostrate creeping variety with dense compact, blue-green foliage, so often seen in Japanese garden and by pools. Balled, 3-4 ft., \$2.75; 2-3 ft., \$2.00; 1½-2 ft., \$1.50; 1-1½ ft., \$1.25.

J. communis depressa plumosa. A new and exceptionally fine Juniper. Its spreading branches are seldom more than 18 inches off the ground. During spring and summer, it is bright green in color, changing in winter to a rich purple-bronze. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

J. conferta. "Shore Juniper." A new creeping Juniper from the seashore of Japan which makes a dense carpet of blue-green foliage about one foot high. Seacoast or inland valleys. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50; 1-1½ ft., \$1.25.

Juniperus horizontalis Douglasi. "Waukegan Juniper." A splendid hardy, trailing Juniper, steel-blue in the summer, turning purple in autumn. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

J. sabina tamariscifolia. A very fine creeping Juniper seldom more than one foot high and attaining a spread of 6 or 8 feet, making a dense, compact mat of gray-green foliage which never changes color. Balled, 2-3 ft., \$2.50; 1½-2 ft., \$2.00; 1-1½ ft., \$1.50.

California's Most Famous Native Trees

Sequoia gigantea. "Giant Sequoia." The famous Big Tree of the Sierras, the oldest and largest of all living things. A trim, sturdy pyramid when young, with blue-green foliage. Grows fairly rapidly, is beautiful at all ages, and makes a majestic specimen for posterity. Boxed, 6-8 ft., \$10.00; 5-6 ft., \$8.00; balled, 4-5 ft., \$3.75; 3-4 ft., \$3.00; 2-3 ft., \$2.50.

S. sempervirens. "Redwood." 150 ft. The well-known California Redwoods are among the largest and most picturesque trees known. They grow rapidly into beautiful specimens, but since they are natives of cool coastal regions, they do best where it is not too hot and dry. 5-gal. containers, 5-7 ft., \$1.35; gal. containers, 3-4 ft., 50c.

THUJA. Arborvitae

These symmetrical, compact, hardy evergreens have dense flat branches and are usually pyramidal in habit. They are usually quite dwarf, although the different species vary in height. For formal gardens, for corners of walks, and for flanking entrance ways they are appropriate.

Thuja beverleyensis. "Golden Column Arborvitae." 15 to 20 ft. The tallest and stateliest of the Chinese Arborvitae, growing into a narrow column of golden green foliage, particularly effective for specimen planting or for framing a doorway. For a formal effect, we know of nothing finer. Needs full sunshine to bring out the rich golden color. Balled, 5-6 ft., \$3.00; 4-5 ft., \$2.50; 3-4 ft., \$2.00; 2-3 ft., \$1.50.

T. beverleyensis. Green. Exactly the same as the above but deep dark green in color. Unequalled for a rapid growing, tall, deep green column. Balled, 4-5 ft., \$2.50; 3-4 ft., \$2.00.



THE GIANT SEQUOIA

It Looks This Way for the First Hundred Years



GOLDEN COLUMN ARBORVITAE

Tall and Fast Growing, Bright Golden in Summer

T. bonita. 5 ft. A dwarf, broad, cone-shaped Arborvitae, with rich dark green foliage. Balled, 3-4 ft., \$3.00; 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

T. elegantissima. "Golden Pyramid Arborvitae." 12 to 15 ft. Somewhat similar to the Beverleyensis, but not as tall, with a broader, more bushy base. The green foliage is tipped with an attractive golden bronze during most of the year. Balled, 4-5 ft., \$2.50; 3-4 ft., \$2.00; 2-3 ft., \$1.50.

T. orientalis aurea nana. "Berckman's Dwarf Evergreen Arborvitae." 6 ft. Of dwarf habit, compact and symmetrical, almost globular as it gets older. All the branches are tipped with a bright golden tint, which is held all through the year. Can be used as a porch plant in tubs for a limited time and then planted out. Balled, 3-4 ft., \$3.00; 2-3 ft., \$2.00; 1½-2 ft., \$1.25; 8-12 inches, \$1.00.

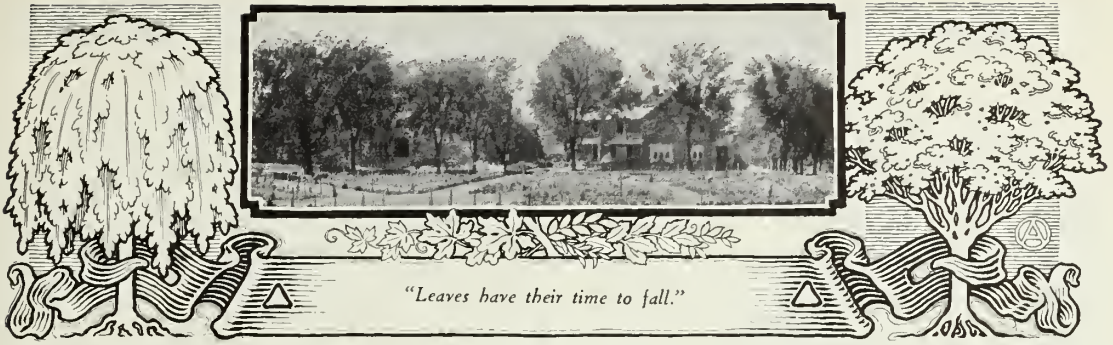
T. pyramidalis. 15 ft. A tall, narrow column of bright green foliage. Balled, 5-6 ft., \$2.50; 4-5 ft., \$2.00; 3-4 ft., \$1.50; 2-3 ft., \$1.25.

T. Ramseys Hybrid. 15 ft. A heavy, dense, dark green column of thread-like foliage, growing with extreme rapidity. Not affected by heat or drouth. Balled, 4-5 ft., \$2.00; 3-4 ft., \$1.50.

T. occidentalis globosa. "Globe Arborvitae." A dwarf, compact globe of green absolutely round. Coastal or northern planting only. Balled, 15-18 inches, \$1.50.

If You Don't Find What You Want Described Here, Write Us About It

We have many varieties of evergreens which there is not room to list in this catalog. They are all on display at our salesyard, and if there are any particular kinds you want, we will be glad to make quotations upon request or to suggest evergreens for certain locations.



"Leaves have their time to fall."

Select Deciduous Trees and Shrubs

These trees, all shedding their foliage in the winter, are quite hardy, and most of them will thrive anywhere in the Southwest. They are usually shipped with bare roots while dormant in the winter, and when planted out make a rapid growth. The heights given refer to usual ultimate heights which may not be attained for some years. The trees grown primarily for their flowers in the spring are listed separately.

Quantity Rates

When ordering ten or more of one variety of Deciduous Trees or Shrubs, deduct 10% from the price. Write for prices on quantities of 50 or more.

ACER. Maple

Acer dasycarpum. "Silver Maple." 60 ft. This Maple grows readily on the Pacific Coast and makes a beautiful, fast growing shade tree. Displays every fall leaves of the glorious autumnal shades. 8-10 ft., \$1.00; 6-8 ft., 75c; 4-6 ft., 60c.

ALBIZZIA JULIBRISSIN. Silk Tree

Albizia julibrissin. "Silk Tree or Pink Acacia." 30 ft. Acacia-like, fine-cut foliage, covered in early summer with beautiful, fragrant, feathery pink blossoms. 5-gal. containers, 4-5 ft., \$1.35; gal. containers, 1-2 ft., 50c.

ALEURITES. Candleberry Tree

Aleurites moluccana. "Candleberry Tree." 20 ft. A very interesting, densely foliated shade tree which thrives anywhere, requires little water and has several interesting characteristics. The leaves, rubbed together with water, produce the effect of soap. The large white seeds are full of oil, and if touched with a match will blaze for a long time. 3-4 ft., 75c.

BETULA. Birch

Betula alba. "European White Birch." 40 ft. Its picturesque white bark makes the slender, graceful birch a favorite everywhere. It is particularly desirable near streams or pools. 10-12 ft., \$1.50; 6-8 ft., \$1.00.

Betula alba laciniata. "Cutleaf Weeping Birch." 20 ft. A beautiful weeping birch with a straight, snowy-white trunk, deeply cut leaves, and slender branches which hang vertically. 10-12 ft., \$2.00; 6-8 ft., \$1.25.

CATALPA

Catalpa speciosa. "Western Catalpa." 60 ft. A hardy shade tree for all regions, including the interior deserts. The large heart-shaped leaves provide excellent shade. 8-10 ft., 85c.

FRAXINUS. Ash

Fraxinus velutina. "Arizona Ash." 30 ft. Rapid growing tree; desirable for planting in the arid sections of California and Arizona, although it does well also near the coast. Requires little water and thrives in alkaline soils. 6-8 ft., 75c; 4-6 ft., 60c.

Trees for the Desert

There are a limited number of shade trees which thrive in the arid inland, often severe climates of the West. We particularly recommend the following trees for this section; those which are starred (*) are the best. See these pages for detailed descriptions.

- *Arizona Ash
- *Black Locust
- *Chinese Elm
- *Candleberry
- *Catalpa
- *European Sycamore
- Ginkgo
- *Hackberry
- *Kingdom Mulberry
- *Poplars
- *Thornier Cottonwood
- *Umbrella

JUGLANS

Juglans hindsii. "The Native Black Walnut." 50 ft. Native to the northern section of California, making a large, strong growing tree under cultivation. 6-8 ft., 75c; 4-6 ft., 60c.

MORUS. Mulberry

M. rubra. "Hicks Mulberry." 40 ft. A strong, upright, fast-growing tree with dense foliage, thriving anywhere and furnishing excellent shade. Bears good sized delicious black berries. A tree for the bird-lover, whether it be robins and bluebirds, or only White Leghorns. Splendid for chicken runs. 3-4 ft., 75c.

Kingan Fruitless. 30 ft. A good, strong growing, dense shade tree, but without fruit, thus avoiding the staining of walks under the tree. Extremely rapid in growth and one of the best shade or street trees for desert climates. 4-6 ft., 85c; 3-4 ft., 60c.

Morus pendula. "Tea's Weeping Mulberry." 8 ft. At a height of eight feet the branches of this beautiful little weeping tree curve gracefully clear to the ground, forming a dense, umbrella-shaped head which may be left to grow naturally as a beautiful lawn specimen or may be trained out horizontally over a frame-work to make a wide roof of living green. Easily and rapidly grown anywhere. Extra large head, trunk 1½ to 2 inches in caliper, \$2.00; 1 to 1½ inch caliper, \$1.75.

For Autumn Color

LIQUIDAMBAR

Liquidambar styraciflua. "Sweet Gum." 30 ft. Most of the trees which provide the rich autumnal colors in the East either do not thrive in California or the foliage does not color. Liquidambar is one tree which provides just as much rich color in the fall in California as it does in the East, and in November and December it is a solid pyramid of rich shades of red, gorgeous and beautiful. Thrives anywhere, even on the ocean front. 6-8 ft., \$1.00; 4-6 ft., 85c; 3-4 ft., 75c.

LIRODENDRON. Tulip Tree

Liriodendron tulipifera. "Tulip Tree." 75 ft. A hardy, beautiful, pyramidal tree, with handsome, clean foliage and tulip-like flowers of yellowish-orange in the spring. The leaves become a solid mass of shimmering yellow before they drop in the fall. 6-8 ft., \$1.00; 4-6 ft., 85c; 3-4 ft., 75c.

GINKGO

Ginkgo biloba. "Maidenhair Tree." 50 ft. A handsome Chinese tree of erect, pyramidal habit, with leaves like Giant Maidenhair Fern. The leaves all turn brilliant yellow in the fall before they drop, making the tree an object of great admiration, particularly in California, where autumn color is scarce. 3-4 ft., \$1.50; 1-2 ft., 75c.



EUROPEAN SYCAMORES

One of the Finest Hardy Shade Trees in Existence

CHESTNUTS

Chestnut trees make beautiful ornamental trees, providing excellent shade and at the same time a valuable crop. See page 17.

MELIA. Texas Umbrella Tree

Melia azedarach umbraculiformis. "Texas Umbrella." 30 ft. A splendid tree for dense shade, either in coastal regions or in the hot interior valleys. A large, dense, symmetrically rounded crown, fast-growing, with large panicles of lavender flowers in the summer. Heavily branched, 8-10 ft., \$2.00; 6-8 ft., \$1.50; 4-6 ft., \$1.00; unbranched, 4-6 ft., 75c.

PLATANUS. Plane or Sycamore

Platanus orientalis. "European Sycamore." "Oriental Plane." 60 ft. One of the finest deciduous shade and street trees in existence. Grows rapidly, has large maple-like, bright green leaves, is symmetrical and uniform in shape, and grows almost anywhere. Does well with plenty of water, but will thrive with very little. Makes a dense shade and may be heavily pruned if desired. 14-16 ft., \$2.75; 12-14 ft., \$1.75; 10-12 ft., \$1.25; 8-10 ft., \$1.00; 6-8 ft., 75c; 4-6 ft., 60c.

P. racemosa. "California Sycamore." 60 ft. The picturesque native of the California foothills. Spreading and much-branched with soft, downy green foliage and mottled trunk. 14-16 ft., \$2.75; 12-14 ft., \$1.75; 10-12 ft., \$1.25; 8-10 ft., \$1.00; 6-8 ft., 75c; 4-6 ft., 60c.

POPLAR. Poplar and Cottonwood

Populus canadensis. "Balm of Gilead." 50 ft. Has the darkest and richest foliage of any of the Poplars, and its broad, spreading top makes it one of the best trees for summer shade, while the resinous fragrance of its large buds in the springtime is another attractive characteristic. 6-8 ft., 60c; 4-6 ft., 50c.

P. monilifera. "Carolina Poplar." 60 ft. Exceedingly fast growing tree which attains large size quickly. Of tall, broadly pyramidal form with dense foliage. Easy to grow on the desert or near the coast. Can be planted to give a quick shade while slower growing, more permanent trees are attaining their size. 10-12 ft., \$1.00; 8-10 ft., 75c; 6-8 ft., 60c; 4-6 ft., 50c.

P. nigra Italica. "Lombardy Poplar." 75 ft. The tall, slender, narrow poplar so valuable for lining drive-ways, tall border planting, or for accentuating certain types of architecture. Attains great height very rapidly. 14-16 ft., \$2.25; 12-14 ft., \$1.50; 10-12 ft., \$1.00; 8-10 ft., 75c; 6-8 ft., 60c; 4-6 ft., 50c.

ROBINIA. Locust

Robinia Pseudacacia. "Black Locust." 80 ft. A hardy, drought resistant tree, much used in the arid and desert sections. Easily and rapidly grown. Withstands alkali. 10-12 ft., \$1.00; 8-10 ft., 75c; 6-8 ft., 60c; 3-4 ft., \$1.50 per 10, \$10.00 per 100.

Two Splendid Desert Trees

Thornber Cottonwood. 75 ft. A splendid fast growing large shade tree for Arizona and the inland arid sections. Very large leaves, clean white bark, no bothersome "cotton," losing its leaves late in the fall and budding out early in the spring. 6-8 ft., \$1.00; 4-6 ft., 85c.

CELTUS. Hackberry

Celtus australis. "Hackberry." 60 ft. A wide-spreading head of light green foliage, thriving in any soil and under all conditions. Very fast growing. A splendid tree for Arizona. Gal. containers, 3-4 ft., 50c.

SALIX. Weeping Willow

Salix Babylonica. 40 ft. The well-known picturesque "Weeping Willow." Large spreading top and long pendulous branches. Thrives in dry or wet soils and attains great size very quickly. 8-10 ft., \$1.00; 6-8 ft., 75c; 4-6 ft., 60c.

Salix annularis. "Ringleaf Weeping Willow." 30 ft. In growth very similar to the ordinary Weeping Willow but each leaf is curled and twisted into a ring. An oddly beautiful tree which is very attractive beside a pool. 10-12 ft., \$1.25; 8-10 ft., \$1.00; 6-8 ft., 75c.

The Chinese Pagoda Tree

Sophora japonica. "Pagoda Tree." 80 ft. One of the finest and most famous trees of the Orient, the Pagoda Tree thrives anywhere on the Pacific Coast and makes a magnificent specimen, with its large, dark green, pinnate leaves and deeply fissured bark. Great panicles of cream-colored flowers in August add to its beauty, it being one of the few trees to flower at this season. 3-4 ft., 85c; 2-3 ft., 75c.

ULMUS. Elm

Ulmus Americana. "American White Elm." 50 to 100 ft. There is no more majestic or noble tree than the Elm, with its great arching branches, dense shade and bright green foliage. Easily grown anywhere on the Pacific Coast. 8-10 ft., \$1.00; 6-8 ft., 75c; 4-6 ft., 60c.

U. pumila. "Chinese Elm." 40 ft. A fast growing tree which is being very widely planted all over this country, particularly in dry interior sections, because it adapts itself well to extremes of heat, cold, drought and alkali. It is the one tree which can be planted almost anywhere and which will be certain to succeed. It is not uncommon for trees to grow to a height of 30 or 40 feet in three years. 10-12 ft., \$1.25; 8-10 ft., \$1.00; 6-8 ft., 75c; 4-6 ft., 60c.



FLOWERS OF MANCHURIAN CRAB

Pure White, Sweetly Fragrant, Earliest to Bloom

Hardy Spring Flowering Deciduous Trees

Almost every garden has room for a tree or two of this group, for every variety that we list below will make a magnificent show of color for several weeks in the spring, providing a mass of bloom for garden decoration, or for use as cut sprays, which cannot be obtained in any other way. If possible, plant against a background of green.

CERCIS. Redbud

Cercis canadensis. "Redbud." 10 ft. An exceedingly showy small tree in early spring when covered with small, bright cerise flowers. Easily naturalized in canyon or hillside, growing without care and producing a brilliant effect in the spring. 6-8 ft., \$1.00; 4-6 ft., 85c; 3-4 ft., 75c.

Flowering Crab Apples

No flowering tree will bring the gaiety of spring into the garden more colorfully than the Flowering Crabs. Even one tree in a garden will provide a delicate spot of color so delightful and picturesque that its blooming period will be one of the important events of the year, while the bright colored little scarlet and crimson fruits provide additional color all through the late summer, fall and winter, so that the trees are never without interest. These particular flowering Crabs thrive exceptionally well on all of the Pacific Coast.

Price on all varieties listed below: 4-6 ft., 85c; 3-4 ft., 75c.

Malus arnoldiana. "Arnold Crab." 10 ft. Dwarf and compact, with very large rose colored flowers, turning white as they age. The contrast, which is always present between the rose and the white, is unique.

M. ioensis Bechtel. "Bechtel's Double Flowering Crab." 8 to 12 ft. Trees of small to medium size, covered in early spring with large, beautiful, double fragrant flowers of a delicate pink color, like small roses.

M. mandshurica. "Manchurian Crab." 10 ft. Particularly valuable because it is the very earliest Crab to bloom, and at the same time its pure white flowers produced in extreme profusion are the most fragrant of all the Asiatic Crab Apples. The fruit, just the size of a good sized pea, are a shining red.

M. Sargentii. 6 ft. The pigmy of the Crab Apple family, forming a low, densely branched shrub which hugs the ground, covered in spring with clusters of large, pure white flowers with bright yellow anthers, followed by showy wine-red fruit which hang on all through the winter.

M. theifera. "Tea Crab." This is the very quintessence of Crab Apple loveliness. A small tree, seldom more than 20 feet in height, and when in blossom each branch is transformed into a floral plume into which it is impossible to thrust a finger without touching a flower. The buds are reddish-pink and open to pure white, delicately stained with pale pink. The Chinese peasants make tea from the leaves.

The Flowering Peaches

Price: 4-6 ft., \$1.00; 3-4 ft., 85c

Double White Flowering Peach. 15 ft. Literally covered in the spring with its many large flowers, like double white roses.

Double Pink Flowering Peach. 15 ft. Almost the earliest flowering tree, covered in February with large double flowers of rose-pink. The cut branches make beautiful floral sprays.

Double Red Flowering Peach. 15 ft. The big double flowers are a bright crimson in color and very showy in the spring, covering the trees.

P. variegata. "Variegated Flowering Peach." 15 ft. The large, double flowers are bright crimson, prominently striped and flecked with pure white.

Japanese Flowering Cherries

Not without reason have the Japanese looked upon the Flowering Cherry with admiration which amounts almost to reverence and given the greatest care to growing and propagating the finest types. The masses of delicately colored flowers never fail to provide a thrill in the early spring, and they do quite well in California except in the hot desert sections.

Price: 6-8 ft., \$1.25; 4-6 ft., \$1.00.

Kwanzan. Masses of warm rosy-pink 2-inch, double flowers, the buds being almost red, these colors contrasting beautifully with the rich bronze foliage.

Naden. Double, deep pink flowers, 1½ inches across in clusters of three and four. Very free blooming.

Pink Pearl. The earliest Cherry that we list, with beautiful double flowers almost two inches across, light pink in color, deeper around the edges.

Shirofugen. Large, pale pink flowers, fading to white and then deepening to cerise. One of the largest flowers of all.

CHINESE MAGNOLIA

Magnolia soulangeana. 10 ft. One of the finest of the Asiatic deciduous magnolias, producing its beautiful blooms in the spring before the leaves are fully out. The big, cup-shaped flowers are creamy-white inside, deep reddish-pink outside. Bushy plants, 3-4 ft., \$7.50; 2-3 ft., \$4.00.



FLOWERING PEACH
A Glorious Mass of Color in Spring

The Showy Coral Tree

Erythrina crista-galli. "Coral Tree." Brazil. 10 to 15 ft. Forms a large corky trunk, sending out much new growth in the spring on which are produced many large, butterfly-like crimson flowers in spikes, often 2 feet long. A luxuriant, exotic, brilliantly colored plant which is hardy anywhere except in the coldest sections of California. 5-gal. containers, \$1.35; gal. containers, 50c.

Hardy Spring Flowering Deciduous Shrubs

This class includes all those hardy shrubs from three to ten feet in height which lose their leaves in the winter. They are valuable for the garlands of flowers in the spring and summer, and they thrive under almost all climatic conditions. Because of their prolific bloom and ease of growth, there is a place for some of them in every planting. Planted here and there among evergreen shrubs they will be greatly admired in the spring.



A CLUMP OF FLOWERING ALMONDS
Provides a Rich Spot of Color in the Garden

AMYGDALUS. Dwarf Flowering Almond

Amygdalus alba nana. "Dwarf White Flowering Almond." 6 ft. This beautiful shrub bears a mass of little, double, white flowers in early spring, and is particularly effective when planted among evergreens so that its beauty is displayed against a background of green. 1½-2 ft., 60c.

A. rosea nana. "Dwarf Pink Flowering Almond." 6 ft. A little plant of rare beauty with small button-like flowers of soft pink which completely covers the branches. 1½-2 ft., 60c.

AZALEA

Azalea mollis. 4 ft. The bushes are aflame in early spring, just before the leaves appear, with brilliant salmon-red or brick-red flowers two inches across. Hardy anywhere in California. Best in half shade. Balled, 1½-2 ft., \$2.00; 15-18 inches, \$1.75; 9-12 inches, \$1.50.

Azalea altaclarensis. 4 ft. Similar to the above but the flowers are a clear, brilliant yellow. Balled, 15-18 inches, \$2.00.

CALYCANTHUS. Sweet Shrub

Calycanthus floridus. "Sweet Shrub." 6 ft. A bushy, dark-leaved shrub with many sweetly fragrant chocolate-colored flowers in spring. A favorite of the old-time garden and should be just as much admired in the new. 1½-2 ft., 60c.

CORNUS. Flowering Dogwood

Cornus florida. "Flowering Dogwood." 10 ft. Handsome foliage and great numbers of large, showy, single white flowers. Sun or shade. 3-4 ft., \$1.00.

C. florida rubra. "Pink Flowering Dogwood." Deep pink flowers 4 inches across cover the tree before foliage appears in spring. The most beautiful of the Dogwoods. 5-gal. containers, 3 ft., \$2.00.

CRATAEGUS. Hawthorn

Crataegus oxycantha splendens. "Paul's Double Scarlet Hawthorn." Double scarlet flowers in spring and bright red berries in fall and winter. Splendid for a small, hardy, brilliantly colored tree. 5-6 ft., \$1.35.

Flowering Quince

Cydonia japonica rosea. "Red Flowering Quince." 10 ft. A very showy plant early in the spring when covered with its bright, semi-double, rosy red flowers, which appear just as the leaves begin to show. Has attractive glossy foliage the rest of the summer. 2-3 ft., 75c; 1½-2 ft., 60c.

C. japonica sanguinea. "Scarlet Flowering Quince." 3-10 ft. While it does not produce quite as many flowers at one time in the spring as does the above, the blooms are a much brighter scarlet and are scattered over the plant all through the spring and summer. Almost everblooming. 1½-2 ft., 60c.

DEUTZIA

Deutzia crenata rosea. "Double Rose Deutzia." 8 ft. Hardy, vigorous, erect growing shrub, its arching branches covered with a great profusion of double white flowers, tinged with rose. 2-3 ft., 60c.

D. gracilis. 3 ft. A beautiful little bush with slender arching branches, covered with spikes of double white flowers in early summer. 2-3 ft., 60c.

D. magnifica. 8 ft. Single, snowy-white flowers 2 inches across, line its branches in the spring. 2-3 ft., 60c.

FORSYTHIA. Golden Bells

Forsythia fortunei. "Golden Bells." A free-flowering shrub, with handsome clean foliage and showy yellow flowers, borne in great profusion along the slender branches in the very early spring, it being one of the first flowering shrubs to bloom. The foliage remains a clean, bright green until late fall. 1½-2 ft., 60c.

KERRIA. Japanese Rose

Kerria japonica. "Japanese Rose." 6 ft. Semi-deciduous with slender arching green branches, and many small double bright yellow flowers throughout spring and summer. Perfectly hardy anywhere, and it is one of the few spring flowering shrubs which will thrive in part shade; in fact, the blooms are a brighter color in shade than in full sun. Gal. containers, 2-3 ft., 50c.

CREPE MYRTLE

THE GLORY OF THE CALIFORNIA SUMMER

During the hot summer days of July, August and September the interior sections of California are sometimes a little devoid of color, but Crepe Myrtle is one dependable shrub or small tree which always flaunts a mass of color at that season of the year wherever it is planted. The most familiar shades are pink and watermelon-red, and lovely they are. The white is a little more intimate in its beauty, and we call particular attention to two new shades, only recently introduced from the Southern States, the Dwarf Blue and Dwarf Red. Crepe Myrtles will not bloom directly on the coast, but anywhere in the interior valleys their crinkled, crepe-like flowers are produced in great profusion.

Lagerstroemia indica rosea. "Pink Crepe Myrtle." 10-20 ft. A lovely pastel pink. 5-gal. containers, 3-4 ft., \$1.35; gal. containers, 2-3 ft., 50c.

Red Crepe Myrtle. 10-15 ft. Rich watermelon-red. 5-gal. containers, 3-4 ft., \$1.35; gal. containers, 2-3 ft., 50c.

White Crepe Myrtle. 10-15 ft. This variety, with snowy-white blossoms, is difficult to propagate and is rarely seen. Gal. containers, 1-2 ft., \$1.00.

Dwarf Lavender Crepe Myrtle. 8-10 ft. A dwarf variety only recently introduced to California, lovely lavender-blue in color, with a delicate, elusive beauty of its own. Most people who see the flowers prefer this color to all others. See colored illustration on outside back cover. 5-gal. containers, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 75c.

Dwarf Red Crepe Myrtle. Similar in color to the watermelon-red described above but even more profuse in bloom, while the plant grows to only 8 feet in height and is a solid mass of brilliant color in the summer. 5-gal. containers, 2-3 ft., \$1.50; gal. containers, 1½-2 ft., 75c.

Purple Crepe Myrtle. The deepest shade of all, a rich lavender-purple, quite unusual and rare. Gal. containers, 1½-2 ft., 75c.

Three New Hardy Shrubs

BEAUTYBUSH

Kolkwitzia amabilis. "Beautybush." 6 ft. A fine new hardy flowering shrub from Central China, forming a perfectly symmetrical bush fountain-like in habit, every branch in the spring becoming a plume of pink blossoms, mottled with orange. A shrub that will thrive almost anywhere, delighting in cold, open, exposed positions where it gets plenty of sun and wind. Requires little attention but provides much beauty. 1½-2 ft., 85c.

KOREAN SPIREA

Spirea trichocarpa. "Korean Spirea." 6 ft. A recently introduced plant from Korea. It makes a spreading shrub of dome-shaped habit, 4 to 6 feet high and as much across, each arching shoot becoming a solid plume of flower clusters in early spring, and the entire bush becoming a fountain of white. Hardy anywhere. 1½-2 ft., 85c.

BLUE CHASTE TREE

Vitex agnus-castus. "Blue Chaste Tree." 8 ft. Not a new shrub but little known on the Pacific Coast, where it should be widely planted, for it is one of the few hardy blue flowering plants and is covered in June with 8-inch spikes of bright lavender-blue flowers. Very showy and thrives anywhere on the Pacific Coast, preferring a dry, sunny position. 2-3 ft., 85c.



BRIDAL WREATH

Covered in Spring with a Mantle of White

PUNICA. Flowering Pomegranate

The ornamental Pomegranates are fast growing shrubs, with big, showy, double flowers, 2 to 3 inches across, and borne in great profusion in early summer. The flowering Pomegranates, considering the beauty of their flowers and the rich bronze and green color of the foliage, have not been fully appreciated in California gardens. We highly recommend them for planting in corners, against walls, and in the patios of California homes, where we guarantee they will be an unflinching source of beauty.

The price on all of the following varieties: 3-4 ft., 75c; 2-3 ft., 60c.

White Flowering Pomegranate. Big, double, creamy-white flowers, followed by bright red fruits.

Mme. Legrelle. Light red flowers, edged and flecked with creamy-yellow.

Double Red. Big, showy, double, scarlet flowers.

For fruiting Pomegranates see page 18, and for dwarf evergreen Pomegranates see page 61.

SALIX. Pussy Willow

Salix discolor. "Pussy Willow." 15 ft. A large shrub which in the early spring is covered with the long, silky, silver catkins which make the branches so valuable for decorating. Grows anywhere. 4-6 ft., 75c; 3-4 ft., 60c.

SPIREA. Bridal Wreath

Spirea Anthony Waterer. 4 ft. This dwarf, compact Spirea bears bright rosy-crimson flowers in dense panicles from spring until fall. 1-2 ft., 50c.

S. Reevesiana. "Double Bridal Wreath." 8 ft. Similar to ordinary Bridal Wreath but the flowers are double. There is nothing to equal this shrub for its showy appearance in the springtime and its long arching branches, lined with white bloom, are unexcelled for indoor decoration. 1½-2 ft., 60c.

S. van Houttei. "Bridal Wreath." 8 ft. A charming shrub of moderate size. The white flowers are borne in profusion in the springtime, causing the slender branches to droop with a graceful arching wreath-like effect. Bushy plants, 1½-2 ft., 60c.

PHILADELPHUS. Syringa

Philadelphus coronarius. "Garland Philadelphus." 8 ft. Its tall arching branches are covered in the spring with large, creamy-white flowers as fragrant as orange blossoms. This is the Syringa of the old-fashioned garden. 3-4 ft., 75c; 2-3 ft., 60c.

Two Improved Syringas

Philadelphus virginal. 8 ft. A new improved form of the Syringa, with extremely large, pure white, semi-double, fragrant blooms, the flowers being much larger than the ordinary form and even more profuse in bloom. 2-3 ft., 75c.

Philadelphus Mt. Blanc. 4 ft. Lower growing and more compact than the other Syringas, and the flowers are smaller and very double.



THE SMOKE TREE

When in Bloom Resembles a Cloud of Purple Smoke

The Smoke Tree

Rhus cotinus. "Smoke Tree." 12 ft. One of the most unusual and unique small hardy trees is the Smoke Tree, with its handsome dense foliage all summer, surmounted in the autumn with many loose feathery panicles of minute flowers which give the effect of a dense cloud of smoke. Thrives anywhere and prefers a sunny dry position. In colder sections the foliage also turns a brilliant color in autumn. 2-3 ft., 75c.



THE FRAGRANT LILAC
A Fragrant Old-Fashioned Flower.

The Fragrant Lilac

The old-fashioned Lilac with its sweet-scented, delicately colored flowers does well in the cooler coastal regions of California, but is not to be highly recommended for the warmer interior parts.

Price, except where noted, 85c each.

Claude Bernard. Double. Deep mauve.

Jean Mace. Double. Deep lilac-blue.

Michael Buchner. Double. Pale lilac.

Mme. Lemoine. Double. Pure white.

Vauban. Double. Early bloomer. Purplish-lilac.

Single Purple. The true old-fashioned kind. 2-3 ft., 75c.

Single White. The old white favorite. 2-3 ft., 75c.

Meyer Lilac. Clusters of single lavender flowers, blooming all spring and summer. 1-2 ft., 60c.

Persica laciniata. "Feathered Persian Lilac." Long, arching branches, daintily cut foliage, and panicles of lavender flowers over the entire length of every branch. 1-2 ft., 60c.

The Beautiful Rose Acacia

Robinia hispida macrophylla. "Pink Flowering Locust or Rose Acacia." Here is one of the showiest and most easily grown small flowering trees that we offer, and one which will thrive in almost every section. This variety naturally grows only about three feet high, so in order to get the flowers up in the air where they will be better seen and appreciated, we have top-grafted them into heavy stems of Black Locust at a height of seven feet, forming large heads which will eventually become about six feet in diameter and which in the spring are a mass of large, brilliantly colored, rose-pink flowers which look like a mammoth bouquet of sweet peas. Large, strong specimens, 8-10 ft. over-all, \$2.25.

SYMPHOROCARPOS. Indian Currant

Symphoricarpos vulgaris. "Indian Currant." 4 ft. A beautiful little plant with light green foliage and slender branches, profusely covered in the fall with lovely coral-red berries which remain on the plant at winter. The brilliantly colored little berries remain on the plant for a remarkable length of time, and it is one of the finest shrubs for winter color because of this characteristic. 1½-2 ft., 60c.

Flowering Tamarix

Tamarix parviflora. 15 ft. A large shrub with reddish bark and slender, spreading branches, covered in spring and early summer with feathery, pink flowers. Thrives almost anywhere, doing just as well directly on the ocean front in the very spray of the salt water as in the hottest desert regions. Requires very little water and will grow in alkaline soil. A very useful shrub. 4-6 ft., 75c.

VIBURNUM. Snowball

Viburnum opulus Sterile. "Snowball." 8 to 10 ft. The favorite old-fashioned shrub producing an abundance of white, globular flowers in May and June. Grows anywhere, in any soil, under all climatic conditions, and always a solid mass of blooms in the spring. 2-3 ft., 60c.

WEIGELA

Weigela rosea. 6 ft. The large clusters of trumpet-shaped, rose-pink flowers make a wonderful display in the spring and early summer, nestled in the large, bright green foliage. The lovely shade of bright pink displayed in its flowers is unequalled in the spring flowering plants, and the dense, large, bright green foliage is as handsome as any in the garden. We highly recommend it. 5-gal. containers, 3-4 ft., \$1.25; bare root, 2-3 ft., 75c.

Weigela Eva Rathke. Bears rich ruby-red flowers all during summer and autumn. 2-3 ft., 75c.

Weigela Mme. Lemoine. Light pink flowers, profusely produced. 5-gal. containers, 3-4 ft., \$1.25.

Weigela Kosteriana. A Weigela with richly colored, variegated foliage and light pink flowers. 5-gal. containers, 3 ft., \$1.25.



THE OLD-FASHIONED SNOWBALL
Produces Great Quantities of Its Big White Blooms



Palms, Bamboos and Grasses

Palms are sentinels of plant life in the arid region of the Southwest; no plants lend such a sense of majesty and dignity to the landscape when once the larger varieties attain mature age. And no group is capable of producing so strong a suggestion of tropical vegetation as the Palms with their graceful arching evergreen fronds.

CHAMAEROPS. Wind Mill Palm

Chamaerops excelsa. "Windmill Palm." 20 ft. Has a tall, dark, slender, densely hairy trunk, with a compact crown of round, stiff, deeply cut leaves at the top. Thrives under adverse conditions and requires little space. Balled, 3-4 ft., \$3.00; 2-3 ft., \$2.00; gal. containers, 50c.

C. humilis. 6 ft. The short trunk is soon hidden in a mass of leafy suckers, making each plant a miniature thicket. The only Palm native to Europe. Bushy, 2-3 ft., \$2.00. Gal. containers, 50c.

COCOS

Cocos australis. "Pindo Palm." Paraguay. 10 to 15 ft. A short-trunked palm with a stout base and arching, graceful leaves of a powdery blue color. Hardy and drought resistant. Balled, heavy trunks, 4-5 ft., \$5.00; 3-4 ft., \$3.00; 2-3 ft., \$2.00; gal. containers, 50c.

Cocos Plumosa

Cocos plumosa. "Queen Palm." Brazil. 25 ft. Southern California's favorite Palm, with a tall slender smooth trunk topped with a plume-like crown of feathery, graceful leaves. The roots accommodate themselves to surprisingly small spaces and when once established, they need very little water. Balled, 12-14 ft., \$12.50; 10-12 ft., \$10.00; 9-10 ft., \$7.50; 8-9 ft., \$5.50; 7-8 ft., \$4.50; 6-7 ft., \$3.75; 5-6 ft., \$2.75; 4-5 ft., \$2.00; 3-4 ft., \$1.50; gal. containers, 50c. Prices on larger sizes upon application

ERYTHEA

Erythea armata. "Blue Palm." Distinguished by the lovely steel-blue color of its fan-like leaves. Hardy, drought resistant, and comparatively slow-growing. 2-3 ft., \$2.00; 1½-2 ft., \$1.50; gal. containers, 50c.

E. edulis. "Guadalupe Palm." 30 ft. A rapid growing fan palm found in the wild state only on the Island of Guadalupe off the coast of Lower California. The big fan-shaped leaves are large, rich green, and hold their color for many years. Stands ocean winds. 5-gal. containers, 2-3 ft., \$2.00; gal. containers, 50c.

PHOENIX. Date Palm

Phoenix canariensis. "Ornamental Date Palm." Canary Isles. 60 ft. This is easily the best and most popular palm for general planting in California and the Southwest. Its dense, immense crown of beautifully curving leaves, each 15 feet long and of a pleasing dark green color, and its stately and rapid growth under all conditions, combine to make it an ideal Palm for street, park, and lawn. 5-gal. containers, 4-5 ft., \$2.00; 3-4 ft., \$1.50; gal. containers, 50c.

P. dactylifera. "Fruiting Date Palm." 40 ft. These are grown for ornamental purposes only since the fruit on seedlings is usually inferior. Gal. containers, 50c.

P. roebelini. This beautiful dwarf palm grows only about 3 feet high, with a slender trunk and a soft-textured arching head of bright green fronds. It is slightly tender for outdoor planting, but it is a good house plant, thriving indefinitely in containers. 12-inch green redwood tubs, 1½-2 ft., \$3.00.

KENTIA

Kentia forsteriana. The most beautiful palm for indoor decoration, being widely used in house and conservatory. Dark green foliage on graceful arching branches. 4-5 ft., \$1.50; 3-4 ft., \$2.50; 2-3 ft., \$1.50; 1½-2 ft., 75c. In green redwood tubs the two larger sizes \$1.00 each additional.

WASHINGTONIA. Fan Palm

Washingtonia filifera. "California Fan Palm." 80 ft. The most characteristic plant of California, being native to the desert regions. Very tall, stout trunk surmounted by large fan-shaped leaves, dark green with numerous whitish filaments. Boxed, heavy trunk, 8-10 ft., \$17.50; 4-5 ft., \$12.50; 5-gal. containers, 3-4 ft., \$2.00; gal. containers, 50c.

W. gracilis. (**W. robusta.**) A palm very similar to the preceding but the trunk is proportionately much more slender and it attains greater height. Smaller leaves with few filaments. 5-gal. containers, 5-6 ft., \$4.00; 3-4 ft., \$2.00; 2-3 ft., \$1.50; gal. containers, 50c.



COCOS PLUMOSA

ROYSTONEA. Royal Palm

Roystonea regia. The famous Royal Palm of Florida, with a tall slender smooth trunk crowned with a graceful head of drooping plumes. Fairly tender. 6-inch pots, 2½-3 ft., \$1.00.

Agaves

Agave americana. "Century Plant." Invaluable for desert or tropical effect, growing rapidly and thriving from the ocean to the desert. 5-gal. containers, 1½-2 ft., \$1.35; gal. containers, 50c.

A. americana variegata. The same as above, but the long thick leaves are striped green and white. Balled, 2-3 ft., \$1.35; gal. containers, 50c.

A. imperialis. A handsomer variety than *A. americana*, the leaves being a brighter blue and smoother, without the conspicuous thorns along the sides. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

A. fourcroydes. A very tall type, with leaves six inches wide and seven to nine feet long, bright blue. This plant is the "henequen" grown for the fiber in Yucatan. Balled, 2-3 ft., \$2.00; 1½-2 ft., \$1.50.

Bananas

Musa ensete. "Abyssinian Banana." 25 ft. The most popular Banana, with one stout low trunk and great wide leaves, often as much as 3 feet across and up to 20 feet in length. Gal. containers, 75c.

Musa rosacea. "Pink Flowering Banana." 10 ft. A rare decorative Banana with great, bright green leaves and stalks, and beautiful, deep rose pink blooms. A wonderfully novel and decorative plant, giving a luxuriant tropical effect. If severely frosted will sprout up quickly from the roots. 5-gal. containers, 4-6 ft., \$1.50; root divisions, shipped without earth, which make a rapid growth after being planted out, 50c each.

Bamboos

Prices on all Bamboos: 5-gal. containers, \$1.35; gal. containers, 50c.

Bambusa nana. "Striped Bamboo." 6 ft. A dwarf arching clump, with delicately beautiful canes striped green and gold.

Bambusa multiplex. "Dwarf Fern-leaved Bamboo." 6 ft. A low growing variety with graceful arching branches and finely-divided fern-like leaves, forming a broad dense clump.

Bambusa longispiculata. "Thouars Bamboo." A medium sized strong growing Bamboo attaining a height of 20 feet, and forming a thick clump of large stems one to three inches in diameter, with long slender leaves.

Dendrocalamus strictus. 40 ft. A beautiful Giant Cane Bamboo, with drooping feathery foliage, growing with great rapidity. One of the finest for a large ornamental clump.

ARUNDO

Arundo donax variegata. "Giant Reed." 15 ft. Resembles the Bamboo with foliage striped green and white. Hardy anywhere; thrives in sand and dry places; excellent for anchoring banks or making a low white. Hardy anywhere; thrives in sand and dry \$1.35; dormant roots, 60c each, \$4.00 per 10; \$25.00 per 100.

Dracaenas and Yuccas

Dracaena australis. New Zealand. 30 ft. Sword-shaped arching leaves borne in a cluster at the top of the rather slender trunk. Once a year bears large panicles of creamy flowers. Balled, 4-5 ft., \$2.50; 3-4 ft., \$2.00; 2-3 ft., \$1.50.

Yucca radiosa. 10 ft. A tall, stout, picturesque trunk, surmounted by a compact, dense clump of stiff leaves, with huge panicles of waxy white blossoms. Native of the Arizona desert. Gal. containers, 50c.

The Lovely Spanish Bayonet

Yucca whipplei. "Spanish Bayonet." The magnificent flower stalks bear thousands of waxy white flowers, rising 6 to 12 feet above the low rosette of narrow leaves at the base. Thrives in any dry sandy soil. Native to the dry California canyon-sides which gleam with thousands of these giant candelabra-like flower stalks in the spring. Gal. containers, 85c.

Grasses and Grass-Like Plants**ASPIDISTEA**

Aspidistra lurida. Broad, dark green leaves; spreading from the roots; becoming 12 to 18 inches high. Splendid for shady locations or growing indoors in a pot. 6-inch pots, \$1.00.

CYPERUS

Cyperus alternifolius. "Umbrella Plant." A semi-aquatic plant with rush-like green stems, 1 to 3 feet high, surmounted by grassy whorls. Excellent for damp places, banks of pools or shady spots. Spreads from the roots. Gal. containers, 50c.

EULALIA

Eulalia zebrina. 2 ft. Narrow, ribbon-like leaves, deep green, banded with white, bearing panicles of purple flowers. Splendid for banks of streams or pools. Sun or shade. Gal. containers, 75c.

PAMPAS GRASS

Pampas Grass. White. Argentina. 10 ft. Forms a large clump of grass-like leaves, surmounted by great silvery white plumes which last for a long time. 5-gal. containers, \$1.35; gal. containers, 50c.

PHORMIUM. New Zealand Flax

Phormium tenax veitchianum. "Variegated New Zealand Flax." 4-6 ft. Long, rigid, ribbon-like leaves, marked with creamy white stripes on a green ground. The reddish-purple flower stalks become 10 ft. high. Gal. containers, 75c.

Four Unusual Grassy Plants**BILLBERGIA**

Billbergia nutans. A unique and beautiful little plant, with tough, leathery, grass-like foliage and drooping clusters of brilliant green flowers shaded blue and red. Splendid for the edge of pools or as a potted house plant. 4-inch pots, 40c.

OPHIPOGON

Ophiopogon jaburen variegata. One of the most beautiful of grass-like plants, forming a thick clump of ribbon-like leaves 18 inches high. Dark green striped with gold, with extremely beautiful lilac-blue flowers in spikes. Part shade. 4-inch pots, 50c.

CRIMSON FOUNTAIN GRASS

Pennisetum Ruppellii. "Crimson Fountain Grass." This is one of the finest of all ornamental grasses, making a thick graceful clump about 4 feet high, surmounted almost all summer with many beautiful rosy plumes. Thrives anywhere. 4-inch pots, 40c.

GINGER

Ginger. The true variety from which the ginger of commerce is obtained, forming a thick clump of luxuriant foliage of tropical appearance 3 to 4 feet high, and bearing in spring long spikes of exceedingly fragrant white flowers resembling Tuberoses. A rare and unusual plant. Sun or shade. Plenty of water. Gal. containers, \$1.00.

Indoor and Outdoor Ferns

Boston Fern. The standard indoor pot fern, dark green, graceful, and healthy. 8-inch pots, \$2.00; 6-inch pots, \$1.00; 5-inch pots, 75c; 4-inch pots, 35c.

Whitman Fern. Beautiful feathery fine-cut fronds like fine lace. 6-inch pots, \$1.00; 5-inch pots, 75c; 4-inch pots, 35c.

Asparagus plumosus. Handsome dark green lace-like foliage. Grows bushy in a pot but in the ground, partially shaded, forms tall climbing sprays. 4-in. pots, 35c.

Asparagus Sprengeri. For potted plants or suspended baskets, hardy and easily grown. In 10-inch hanging baskets, \$2.50; 5-inch pots, 50c; 4-inch pots, 35c.

Woodwardia radicans. Native of the California mountains, with large, bright green fronds, 2 to 4 feet long, and of rapid growth. Best in partial shade. 5-gal. containers, \$1.25.

Assorted Hardy Ferns for Outdoor Planting. We have many kinds of ferns with various types of foliage for planting in outdoor beds in the shade, growing from one to four feet in height. They will be furnished assorted in 4-inch pots at 40c each, \$3.50 per 10. Specify whether tall or low growing sorts are desired.

Ornamental Vines and Trailers

Nothing will produce a home-like and restful appearance quicker than to cover blank walls, bare fences and arbors with a covering of green vines. All vines are evergreen, unless stated to be deciduous.

AMPELOPSIS

Ampelopsis quinquefolia. "Virginia Creeper." Large green foliage, changing to brilliant scarlet in the fall and later dropping the leaves. Bare root, 50c.

A. veitchii. "Boston Ivy." A clinging vine for covering walls, chimneys, and stonework. Green in summer, gorgeous reds and yellows in autumn. Leafless for a time in winter. Sun or shade. Bare root, 50c.

The Colorful Bougainvilleas

Bougainvillea Braziliensis. The hardiest of the Bougainvilleas, bearing a mass of brilliant reddish-purple flowers against a background of bright green leaves. Easily grown, but needs sun. 5-gal. containers, \$1.50; gal. containers, 60c; 4-inch pots, 40c.

B. Crimson Lake. Just as vigorous in growth as the above, but immensely different in the color of the flowers which are brilliant crimson. Fairly tender, full sun. Particularly fine on the seacoast in Southern California but splendid in milder interior sections as well. 6-inch pots, \$1.00; 4-inch pots, 60c.

Trumpet Vines—For Brilliant Color

Bignonia cherere. "Red Trumpet Vine." A splendid evergreen climbing shrub which sends its heavy, dark green foliage everywhere, and all through the spring, summer and fall is covered with clusters of great blood-red, tubular flowers. It will climb over anything and will cover stone walls, fences, or outbuildings with a dense mantle of green in a short time. Almost ever-blooming. Full sun. 5-gal. containers, \$1.50; gal. containers, 60c; 4-inch pots, 40c.

B. siderifolia. A magnificent rampant deciduous trumpet vine, hardy anywhere, which covers an enormous space in one season. Many trumpet-shaped yellow flowers. 5-gal. containers, \$1.50; gal. containers, 60c.

B. tweediana. A yellow trumpet vine with many long slender shoots, clinging to any surface and making a dense mat of foliage. Excellent for Arizona and Imperial Valley. Needs sun. 5-gal. containers, \$1.50; gal. containers, 50c.

B. venusta. "Flame Vine." For brilliancy of color and abundance of bloom, this magnificent vine is difficult to excel. Its handsome foliage is smothered with a brilliant mass of vivid flaming orange-scarlet flowers all through the winter, and it will attract much attention wherever planted. The top of the vine must be in full sun. Easily grown in the warmer sections of California, but it may be cut down (but not killed) in sections where heavy frosts occur. 5-gal. containers, \$2.00; gal. containers, 75c; 4-inch pots, 60c.

B. violacea. Lovely large glossy foliage, covered with lovely big flowers of delicate violet in late winter and early spring. Sun or shade. 5-gal. containers, \$1.50; gal. containers, 50c; 4-inch pots, 40c.



BLOOD RED FLOWERS OF BIGNONIA CHERERE



BIGNONIA VIOLACEA
Lovely Big Flowers of Delicate Violet

CLEMATIS

Clematis paniculata. "Sweet Autumn Clematis." An exceedingly popular, hardy vine, remarkably vigorous, often growing 25 feet in a season. Densely covered with delightfully fragrant white flowers in summer. Gal. containers, 60c; 4-inch pots, 40c.

Clematis hybrids. These are the large flowered varieties so highly prized in the East and Middle West. They do not thrive quite so well in California but can be grown and flowered if desired. 1-year plants, 75c.

Baron Veillard. Very large, rose-pink.

Jackmani. Rich purple. The most popular of all.

Mme. Andre. Deep rich crimson.

Ramona. Deep sky-blue, enormous flowers.

Two Unusual Flowering Vines

THE SHOWY ROSA DE MONTANA

Antigonon leptopus. "Rosa de Montara" or "Queen's Wreath." This magnificent flowering vine from Mexico which thrives in any of the warmer sections of Southern California, including the milder desert sections, grows very rapidly to 20 or 30 feet and from early spring to late autumn is a mass of bright rose-pink heart-shaped flowers. Even in colder sections where frozen down in the winter, it grows up again in the spring from its tuberous roots and blooms throughout the summer. Its tendrils enable it to climb over anything. Gal. containers, 60c; 4-inch pots, 40c.

THE CALICO FLOWER

Aristolochia elegans. "Calico Flower." A fast growing, graceful, twining vine with beautiful three inch flowers intricately patterned with purple and white, with a bright yellow eye. The flowers are extremely unusual and hang from the vine like little baskets. Damaged by temperatures below 30 degrees. Gal. containers, 75c; 4-inch pots, 50c.

CISSUS. Evergreen Ivy or Grape

Cissus capensis. "Evergreen Grape." A luxuriant, heavily foliaged, wild grape vine, evergreen, with reddish-black edible fruit. Splendid for rambling over a large space, particularly near the coast. Gal. containers, 60c.

C. striata. (*Ampelopsis sempervirens*.) "Evergreen Ivy." A slender evergreen climber with daintily cut leaves, fine for loose twining on pillars and porches. Gal. containers, 60c; 4-inch pots, 40c.

FICUS. Fig Vine

Ficus repens. "Creeping Fig." The best evergreen vine for covering stone, brick or wood, making a close mat of foliage which clings to any surface. Small heart-shaped leaves. Thrives anywhere in California. 4-inch pots, 40c.

Ficus minima. A picturesque dwarf form of the above, with very small leaves. Very fine on a low wall or in a patio. 4-inch pots, 60c.

GELSEMIUM. Jessamine

Gelsemium sempervirens. "Carolina Jessamine." A slender twining vine, rapid growing and hardy, covered in spring with golden-yellow, fragrant, bell-shaped flowers. Splendid for framing a small arch or gateway or low fence, where moderate size is desired. 5-gal. containers, \$1.50; gal. containers, 60c; 4-inch pots, 40c.

HARDENBERGIA

H. monophylla. Excellent half-climbing shrub, to 8 ft., with large, handsome foliage and spikes of lovely deep blue flowers. Likes partial shade and does best reclining against fence or wall. 5-gal. containers, \$1.50; gal. containers, 60c.

HEDERA. Ivy

Hedera helix. "English Ivy." Excellent wall or bank covering in sun or shade. Gal. containers, 50c; 4-inch pots, 35c.

H. helix hibernica. "Irish Ivy." Foliage is smaller than English Ivy. Gal. containers, 50c; 4-in. pots, 35c.

H. maderensis. "Algerian Ivy." Similar to ordinary English Ivy but a faster grower, with bigger and brighter green leaves. A magnificent mass of foliage. 4-inch pots, 50c.

H. maderensis variegata. "Variegated Algerian Ivy." Beautiful big leaves handsomely blotched with light green, dark green, and creamy yellow. For shade there is no showier vine. Gal. containers, 60c.

The Sweet Scented Jasmines

Jasminum gracillimum. "Pinwheel Jasmine." One of the loveliest of the Jasmines, with slender twining stems and extremely fragrant white flowers, each one inch across, shaped like a little pinwheel and borne in dense clusters all over the plant during the winter and spring. Splendid for shade but good in the sun as well except in hot districts. Perfectly hardy anywhere in California. Gal. containers, 60c; 4-inch pots, 40c.

J. grandiflora. "Spanish Jasmine." Extremely vigorous, rapid growing, resistant to heat and hardy down to 10 degrees. The large pure white flowers are extremely fragrant, this variety producing the essence which forms the basis of the world's finest perfumes. Thrives from coast to desert. Gal. containers, 60c; 4-inch pots, 40c.

J. primulinum. "Frimrose Jasmine." A fine winter blooming, yellow-flowered Jasmine with long pendulous green branches which may be trained along a fence, over a pergola, or as a big shrub. The flowers are almost two inches across and extremely fragrant. 5-gal. containers, very heavy, \$1.50; gal. containers, 50c; 4-inch pots, 35c.

J. revolutum. 6 ft. A half climbing shrub for use against fences or for filling in corners. The big fragrant yellow flowers are borne in early summer. 5-gal. containers, very heavy, \$1.50; gal. containers, 50c.

A New Pink Jasmine

Jasminum stephanense. "Pink Jasmine." A beautiful new hybrid Jasmine never before offered in California. It is a twining, slender stemmed climber with beautiful light pink flowers, each flower one and a half inches across, and the delicious fragrance is most intense—possibly more so than any other Jasmine. Perfectly hardy anywhere in California. Sun or shade. 4-inch pots, 75c.



MANDEVILLEA (CHILE JASMINE)
Fragrant White Flowers Two Inches Across

LONICERA. Honeysuckle

Lonicera japonica Halliana. "Hall's Japan." The most vigorous honeysuckle, with delightfully fragrant, white flowers, changing to yellow. Thrives equally on coast or desert, in sun or shade. Gal. containers, 50c; 4-inch pots, 35c.

L. sempervirens. "Red Coral Honeysuckle." Less dense than above varieties, with twining grayish green shoots; oval leaves and large showy orange-scarlet flowers; particularly fine on sea coast. Gal. containers, 50c; 4-inch pots, 35c.

MANDEVILLA. Chile Jasmine

Mandevilla suaveolens. "Chile Jasmine." A fast growing tall climber with large, very fragrant white trumpet flowers two inches across. 5-gal. containers, \$1.50; gal. containers, 60c.

MUEHLENBECKIA. Wire Vine

Muehlenbeckia complexa. "Wire Vine." A mass of wiry black stems covered densely with little round leaves like those of maidenhair fern. A very fast grower, clambering over anything, anywhere. Gal. containers, 60c.

PASSIFLORA

P. caerulea. "Blue Crown Passion Vine." A fast growing twining vine with intricate symmetrical flowers 2 to 3 inches across, which by legend and superstition are supposed to represent the Crucifix. This variety has flowers brilliantly colored blue, white, and purple. Gal. containers, 60c.

PHILADELPHUS. Syringa

Philadelphus mexicanus. "Climbing Syringa." An extremely vigorous vine from Guatemala. Excellent for training along the eaves of a house or over a pergola, the branches growing outward and downward like a waterfall. Covered in spring with creamy-white double flowers two inches across and so intensely fragrant that they may be enjoyed many yards away. Hardy anywhere. 5-gal. containers, \$1.50; gal. containers, 50c.

PLUMBAGO. Leadwort

Plumbago capensis. A semi-climbing plant covered all summer with lovely clear azure blue flowers. If not trained makes a very satisfactory shrub which gets quite large in time and requires plenty of room. Quickly fills a corner or hides a fence. 5-gal. containers, \$1.50; gal. containers, 60c.

PUERARIA. Kudzu Vine

Pueraria hirsuta. Kudzu Vine. For producing a quick effect this vine has no equal, since it often makes a growth of 40 to 60 ft. in one season. A perennial, dying down each winter and coming up again in early spring. Leaves a foot across. Showy pea-shaped purple flowers. Large roots, 35c each.

Perfume Your Garden

Rhynchospermum jasminoides. "Star Jasmine." From the Malay Peninsula comes this splendid vine which will absolutely dominate the garden in spring and early summer by the marvelous perfume which it wafts on the air from a myriad little star-shaped white flowers like miniature pinwheels. The vine is strong growing but not rampant, with big, leathery, glossy leaves which make a dense mass, and it thrives equally well in full sun, shade or semi-shade. Hardy almost anywhere in California. May be also grown as a large shrub if pruned. 5-gal. containers, 4-6 ft., \$1.75; gal. containers, 60c.

SOLANDRA. Cup of Gold

Solandra guttata. "Cup of Gold." A tall vigorous vine with big shiny leaves and enormous trumpet-shaped, golden-yellow flowers six to eight inches across and quite fragrant. Truly showy, but fairly tender and must be given plenty of room. Gal. containers, 60c.

SOLANUM

Solanum jasminoides. Loose twining shoots and clusters of white flowers. Sun. 5-gal. containers, \$1.50; gal. containers, 50c.

Solanum Rantonneti. A magnificent half-shrub, half-climber from the woods of Paraguay. The flowers are borne in great clusters, each flower one inch across, of a lovely violet color. Best near coast. Full sun. Gal. containers, \$1.00.

SOLLYA. Australian Bluebell

Sollya heterophylla. Australian Bluebell Creeper. A trailing shrub with many slender, twining stems, of great value for covering banks, low fences, and arbors, or for twining over other objects. Brilliant blue, small, bell-shaped flowers. 5-gal. containers, \$1.50; gal. containers, 50c.

TECOMA. Trumpet Flower

Tecoma capensis. "Cape Honeysuckle" May be grown as a half climber or a large shrub. Has thick bright green foliage and clusters of bright red flowers in the fall and winter, when other flowers are scarce. 5-gal. containers, \$1.50; gal. containers, 50c.

Giant Chinese Trumpet Vine

See Colored Illustration on Back Cover

Tecoma grandiflora. "Chinese Trumpet Flower." The most floriferous and gorgeous of all Trumpet Vines, with great clusters of very large brilliant orange flowers, borne in great profusion in spring and early summer. Perfectly hardy anywhere. Loses its leaves in the winter and works in nicely with another evergreen vine. In May and June the masses of brilliant fiery orange-scarlet flowers can be seen for a great distance. Field grown, grafted plants, \$1.35.

Tecoma Mme. Galen. Exactly like the above but the flowers are much deeper in color, a rich orange-scarlet. Field grown, grafted plants, \$1.35.

Tecoma Jasminoides. "Australian Bower Vine." Very vigorous twining shoots, with glossy foliage and two-inch trumpet-shaped white flowers, rosy-pink in the throat. 5-gal. containers, \$1.50; gal. containers, 50c.

T. Mackenii. Big, bright pink, trumpet-shaped flowers. 5-gal. containers, \$1.50; gal. containers, 50c.

The Brilliant Thunbergias

Thunbergi Gibsoni. For brilliancy of coloring, this vine is difficult to surpass. Its golden-orange flowers, one and a half to two inches across, never fail to draw admiration when in bloom, and it is in bloom almost all during the year. Not to be planted in cold locations. Sun. Gal. containers, 75c; 4-inch pots, 50c.

T. grandiflora. "Sky Flower." Rather tender, but in frostless locations a magnificent vine and rare in California. Of extremely rapid growth, with large heart-shaped leaves which overlap to make a dense covering, the individual three-inch blossoms hanging in clusters over the plant, and with a color that is rare in vines, bright sky-blue. Even if frozen down, it comes up and blooms the same season from September to January. Semi-shade. 4-inch pots, 50c.

WISTERIA

Prices on all Wisterias: Large 2-year plants in 5-gal. containers, \$2.00; 1-year plants, bare root, 85c.

Wisteria chinensis. "Chinese Wisteria." The strongest grower and most prolific bloomer of all Wisterias. Flowers are blue, and cover the vine in spring.

W. chinensis alba. "White Chinese Wisteria." White flowers; otherwise same as the Chinese.

W. Multijuga. "Japanese Wisteria." Probably the most beautiful of all Wisterias, because of the extreme length of its lilac flower racemes, which sometimes measure over 2 feet. Does not bloom as young as W. chinensis.

W. Multijuga rosea. "Pink Japanese Wisteria." The long slender racemes are light lavender-pink.

W. violaceo-plena. A beautiful double flowering variety, with long violet-blue flower clusters, differing from the other Wisterias in being delightfully fragrant and in the fact that the flowers and leaves appear at the same time.

Trailers and Ground Covers

BLUE MOROCCO CREEPER

Convolvulus mauritanicus. An easily grown, creeping trailer, covered throughout spring and summer with many bright violet-blue flowers, 1 to 2 inches across. Splendid for sunny banks or covering bare ground. 4-inch pots, 25c; 2 1/4-inch pots, \$1.00 per dozen, \$7.50 per 100.

WILD STRAWBERRY

Fragaria chiloensis. "Wild Strawberry." Handsome big Strawberry foliage and large bright red berries spreading rapidly over the ground by means of runners. Thrives anywhere except in desert. 2 1/4-inch pots, \$1.25 per dozen, \$10.00 per 100.

GAZANIA

Gazania aurantiacum. A splendid ground cover for sunny places, making a dense mat of foliage. Covered with myriads of large, showy, bright orange flowers.

We have also Gazania splendens with bright lemon-yellow flowers. 2 1/4-inch pots, \$1.00 per dozen, \$7.50 per 100.

LANTANA

Trailing Lantana. Lavender flowers. 4-inch pots, 25c; 2 1/4-inch pots, \$7.50 per 100. See page 47.

The Colorful Ice Plant

One of the most popular coverings for a bank or bare piece of ground in full sun in California with thick, fleshy leaves spreading rapidly over the ground and making a dense mat of foliage. The flowers appear in late spring and summer and make a solid mass of brilliant color which lasts for many weeks. Requires no watering, thrives almost anywhere, even directly on the ocean front. They should be planted about 12 inches apart and will soon fill in the vacant space.

Mesembryanthemum Browni. A beautiful shade of rich bronzy orange, making a magnificent shimmering mass of color in the spring. 2 1/4-inch pots, \$1.00 per dozen, \$7.50 per 100.

Mesembryanthemum rosea. Larger bright pink flowers. The most popular variety. Prices same as M. Browni.

Mesembryanthemum New Purple. A brilliant new color in this popular ground cover, with very large bright purple flowers, extremely brilliant in appearance. 4-inch pots, 25c, \$2.00 per 10; 2 1/4-inch pots, \$1.50 per dozen, \$12.50 per 100.

PACHYSANDRA. Japanese Spurge

Pachysandra terminalis. A splendid evergreen trailer and ground cover for use in shade or part shade under trees, its thick glossy foliage forming dense rosettes, and thriving where grass will not grow. 2 1/4-inch pots, \$1.25 per dozen, \$8.00 per 100.

VINCA. Periwinkle

Vinca Major. "Periwinkle." Bright blue, flowering trailer for banks, borders, hanging baskets, window boxes, etc. Grows rapidly. In 2 1/4-inch pots, \$1.00 per dozen; flats of 100, \$2.00.

Vinca variegata. White and green foliage. 2 1/4-inch pots, \$1.00 per dozen; flats of 100, \$2.00.

Flowering Perennial Plants

At the proper seasons of the year, we have available at our salesyard many other varieties of annuals and perennials, too many to list here. Come and see them or write us about your needs.

PRICES

All plants listed below, unless otherwise stated, will be supplied in 2¼-inch pots at \$1.00 per dozen, \$7.50 per 100. Those varieties marked (*) are also supplied in 4-inch pots at 25c each, \$2.50 per dozen.

Agapanthus. "Lily of the Nile." From a clump of narrow leaves come the tall 3-foot stems with a head of from ten to thirty handsome blue flowers in spring. Gal. containers, 50c.

***Anchusa italica Dromor's.** 6 ft. Big downy leaves, the whole plant covered in early summer with rich gentian-blue flowers.

***Aquilegia.** "Columbine." A magnificent strain of Giant long-spurred Hybrids. Best in cool locations. Supplied in shades of blue, pink or mixed colors.

***Begonia luminosa.** The finest dwarf Begonia for bedding and low borders, growing to 10 inches and covered continuously with bright red blooms.

Bleeding Heart. "Dielytra." These old-fashioned plants with drooping racemes of pink flowers are invaluable for shady spots. Gal. containers, 60c.

Calla Lily. We have the Godfrey Calla, a bushy low plant with refined, pure white flowers on slender, strong stems. In gallon containers, 50c.

Calla Elliotana. "Yellow Calla." Grows the same as the White Calla, but the flowers are rich, golden yellow, and the foliage is a beautiful deep green, spotted silvery white. Gal. containers, 60c.

***Campanula medium.** "Single Canterbury Bells." These charming old-fashioned flowers are very easy to grow and are indispensable in the garden. Blue, pink, white, or mixed colors. Single flowers only.

***Campanula pyramidalis.** "Chimney Bellflower." Forms a perfect pyramid 4 to 6 feet high, crowded with large salver-like flowers in late summer. Blue or white.

Chrysanthemums. A complete list of varieties with prices, will be sent upon application. Chrysanthemum plants are ready for shipment March 1.

Coreopsis lanceolata. Bears golden yellow flowers on long stems all through the summer and fall. Invaluable for cutting and grows anywhere.

Five Splendid Perennials

We have selected these five beautiful perennial flowering plants to recommend because they are all very easily grown in almost any situation in California, thriving in any soil, and being certain to give a long period of bloom. None of them are very commonly grown, but there is room for them all in every garden.

Iberis gibraltarica. "Perennial Candytuft." Forms a dense clump 18 or more inches across, 8 inches high, which is a solid mass of bloom during April and May, the color being a pale lavender.

Nepeta mussini. A solid mass of gray foliage 4 feet across and 12 to 15 inches high, completely covered in July with 10-inch spikes of lavender-blue flowers. Foliage aromatic. Full sun.

Fyretum tchihachewi. In spite of its sneezy Russian name, it is a wonderful plant for dry sunny soils. Dense, dark green foliage, only an inch or two high, with daisy-like white flowers on six inch stems during the spring and summer.

Verbena venosa. Produces great numbers of colorful rich violet flowers on 12 to 15 inch stems all through July, August, and September. Full sun.

Veronica ameystina. Dense and compact, with many slender 12-inch spikes of rich blue flowers in April and May. Full sun.

All of the above in 4-inch pots, 25c each, \$2.50 per dozen; 2¼-inch pots, \$1.00 per dozen.

Cannas

Cannas. Few flowers are as showy and give such rich color effects as the Canna. They thrive in any good soil, in a sunny exposure, blooming from early summer until frost. They should be planted about 2 feet apart. All have green foliage unless specified.

Ambassador. 5 ft. Brilliant cherry-red blooms, with handsome bronze foliage.

City of Portland. 4 ft. Clear rose pink.

Eureka. 4½ ft. Pure white.

Flamingo. 4 ft. Pink, spotted with orange.

King Humbert. 5 ft. Great orange-scarlet blooms and beautiful deep bronze foliage.

Mrs. Pierre S. Du Pont. 4 ft. Immense and gorgeous flowers of vivid watermelon-pink.

President. Possibly the greatest red Canna. The brilliant crimson flowers are immense.

Queen Helene. 5 ft. Showy flowers of yellow, dotted with orange-scarlet.

Wintzers Colossal. 6 ft. Bright scarlet. Very tall and free flowering.

Wyoming. 7 ft. Rich brilliant orange color, purplish-bronze foliage.

The Fragrant Heliotrope

One of the finest perennials for a shady location is the Fragrant Heliotrope which blooms all through the growing season. Easily grown anywhere. We have two splendid varieties, 4-inch pots, 25c each; 2¼-inch pots, \$1.00 per dozen.

Centefleur. Very deep blue and very large flower heads.

Queen Margaret. A rich lavender color and extremely fragrant.

Delphiniums

***Delphinium Belladonna.** "Perennial Larkspur." One of the most satisfactory perennials of all, bearing clear turquoise blue flowers in long spikes 8 months in the year. For massing, borders and cut flowers they are unexcelled.

***Delphinium bellamosum.** Identical with the belladonna but with intensely rich, deep blue flowers.

***Delphinium Gold Medal Hybrids.** Large flower spikes in every shade of blue from the palest lavender to the richest deep blue.

Dianthus barbatus. The old-fashioned Sweet William in many color combinations.

Dianthus deltoides. A solid mass of little reddish-purple flowers all spring. 12 to 15 inches high. Full sun.

Digitalis gloxiniflora. "Foxglove." Stately spikes of small thimble-like flowers rising from a luxuriant mass of leaves. Purple, pink or white.

Digitalis Giant Shirley Strain. A magnificent tall growing strain, 5 to 7 feet high, closely set with flowers of unusual size, from pure white to deep rose, spotted with maroon and chocolate.

ECHIAM WILDPRETTI Something Different

Echium wildpreti. Rosy red flowers borne like torches in great pyramidal spikes towering three to five feet above the basal rosette of large gray-green leaves. A most magnificent rare plant. 4-inch pots, 40c.

Gaillardia. "Blanket Flower." Very showy, big single flowers, yellow and orange, striped and margined with red and maroon.

Geum Mrs. Bradshaw. It looks like a giant strawberry plant, 15 inches high, from which rise, in spring and summer, many brilliant, double, scarlet flowers on 2 to 3 ft. stalks.

Geum Lady Stratheden. The same as the above but the blooms are a rich golden-yellow.

Gypsophylla paniculata. "Baby's Breath." Forms a symmetrical mass of minute pure white flowers, gauze-like in appearance. The cut sprays are exquisite in combination with other flowers.

Helianthus coolidgei. "Perennial Sunflower." Each plant makes a graceful clump, 4-6 ft. high, covered with hundreds of brilliant golden yellow, daintily shaped flowers, 3 inches across, in September and October. Full sun. Gal. containers, 50c; 4-inch pots, 25c; 2 1/4-inch pots, \$1.00 per dozen.

***Heuchera sanguinea.** "Coral Bells." From a compact low tuft of geranium-like leaves rise, during the summer, graceful spikes of splendid flowers, 18 inches high, the individual blooms like the bells of Lily of the Valley but bright coral-crimson in color. Best in a cool shady location.

Linum flavum. "Yellow Flax." 5 ft. A bushy plant, absolutely covered in late winter and spring with good sized bell-shaped yellow flowers. Sun or shade. Gal. containers, 35c; 4-inch pots, 25c.



GERBERA—TRANSVAAL DAISY

The Graceful Transvaal Daisy

Gerbera. "Transvaal Daisy." These magnificent flowers from South Africa are becoming more popular every season, their graceful shape and delicate hues ranging from straw color all the way through the pinks, yellows, oranges to brilliant scarlet, placing them among the best of the low bedding plants, and making them invaluable for cut flowers. When planting, be sure not to cover the crown with earth. We offer strong plants, which cover all available shades in this beautiful flower. 1-year field clumps, 50c each, \$5.00 per dozen; 4-inch pots, 35c each, \$3.50 per dozen; 2 1/4-inch pots, \$1.50 per dozen.

Pansies. We grow the very finest strains of Pansies that can be obtained, with enormous flowers and many color combinations. 50c per dozen, \$3.00 per 100.

Penstemon

***Penstemon "Sensation."** Few perennials bloom over as long a period, and they are absolutely disease-proof. They are particularly valuable in California for their winter blooms. This is a beautiful strain for Giant Flowered Hybrids, ranging in color from white to dark crimson.

***Penstemon Southgate Gem.** A fine crimson-scarlet variety, growing to 2 ft.

Petunias

Petunias. Few flowers provide so much color and are so easily grown as Petunias. They are annuals but may be planted any time during winter, spring or summer, coming into bloom at once. 2 1/4-inch pots, 75c per dozen, \$5.00 per 100.

Giants of California. Immense flowers. Many lovely shades.

Royal Purple. Deep rich velvety purple.

Ruffled Giants. Immense frilled and ruffled flowers in a great color range.

Rosy Morn. Bright rose. 15 inches.

Balcony Blue. Bright blue flowers.

Phlox

Phlox. The improved types of perennial Phlox make a wonderfully impressive display of color all through the summer and autumn. They last for a number of years and require very little care. Dormant divided roots at 25c each, \$2.25 per dozen.

Australis. Brilliant reddish purple. 3 ft.

B. Compte. Deep purplish red. 4 ft.

Baron von Dedem. Cherry red. 4 ft.

Beacon. Large flowers, bright red. 5 ft.

Bouquet Fleuri. White, purple eye. 3 ft.

Cepuscle. White with lavender eye. 3 ft.

Coquelicot. Brilliant orange-scarlet. 3 ft.

Mrs. Chas. Door. Soft lavender. 3 ft.

Mrs. Jenkins. Large, pure white. 2 1/2 ft.

Mrs. Lingard. Lavender, white eye.

Professor Schilemann. Lilac rose. 4 ft.

Rynstrom. Large rose-pink. 2 1/2 ft.

Thor. Salmon pink, suffused scarlet. 3 ft.

Wanadis. Lilac with white eye. 2 1/2 ft.

Poppy, Oriental. We offer the immense crimson flowered **Brilliant**, one of the finest of the red perennial Poppies.

***Physostegia virginiana.** "Bearded Tongue." A beautiful summer blooming plant, 3 ft. high, with spikes of rosy pink flowers like small snapdragons. Sun or shade.

***Flumbago larpentae.** A low border plant, 6 to 12 in. high, with bronze-green foliage, and many small deep blue flowers in spring and fall.

Rubdeckia. "Golden Glow." A robust plant growing to 5 or 6 feet, with masses of double, golden-yellow Dahlia-like flowers from July to September.

Scabiosa caucasia. "Pincushion Flower." Beautiful lavender flowers on long stems. Splendid for cutting.

Shasta Daisy. "Pasadena." Much larger flowers and longer, stiffer stems than the ordinary type. Ever-blooming, and unexcelled for cut flowers.

***Statice latifolia.** "Sea Lavender." A valuable plant for border or foreground planting with its tufts of broad shiny leaves and immense candelabra-like heads of purplish blue flowers, which can be cut and dried to keep indefinitely.

***Statice Perezii.** An even more showy variety than the preceding, the individual flowers being larger and the panicles flatter. 4-inch pots, 25c each, \$2.50 per dozen; 2 1/4-inch pots, \$1.00 per dozen.

Kniphofia pitzori. "Red Hot Poker or Flame Flower." In bloom from August to October, with spikes 3 to 4 feet high bearing a head of rich orange-scarlet. Gallon containers, 50c.

Kniphofia grandis. A giant flower a foot long on stems 5 and 6 feet high. Extremely showy. Gallon containers, 50c.

Kniphofia Dwarf. Similar to the above but in miniature, only 18 inches high. Gallon containers, 50c.

Verbenas

Verbenas. Popular, easily grown border plant and ground cover. We have selected the following as the best varieties:

Beauty of Oxford. Clear pink.

Crimson King. Bright red.

Lavender Queen. Soft lavender.

Snow White. Pure white.

Sand Verbena. Purple, pink, red, or white. They renew themselves in dry sandy soils.

Violets—Princess of Wales. Large, single flowers, long stems, deliciously fragrant.

Violet President Herrick. A beautiful new violet with very rich dark color, wonderfully fragrant, with heavy dark green foliage.



Lawn Seeds

Bermuda Grass. Suitable for hot dry situations where other grasses will not grow. One pound covers 200 square feet. 30c per lb., \$2.50 per 10 lbs.

Kentucky Blue Grass. There are four grades of Blue Grass seed commonly sold. We carry only the best grade. One pound covers 150 square feet. We believe that the best lawn for most locations in California will result from planting one-third pound White Clover and two-thirds pound Kentucky Blue Grass to 200 square feet (20 by 10 feet). 40c per lb., \$3.50 per 10 lbs., \$30.00 per 100 lbs.

Paceys Rye Grass. A good hardy lawn for dry climates and for shady places; also for freshening up Bermuda Grass lawns in the winter. One pound covers 100 square feet. 30c per lb., \$2.50 per 10 lbs., \$25.00 per 100 lbs.

White Clover. May be sown alone of with Blue Grass. Gives very quick results and a fine soft green color. One pound covers 200 square feet. 65c per lb., \$5.50 per 10 lbs.

Seaside Bent. It makes the very finest lawn of all, but requires more frequent cutting and watering and does best in partial shade. One pound covers 300 square feet. \$1.25 per lb., \$11.00 per 10 lbs.

Lippa repens. A grassy ground cover making a dense mat of foliage, thriving in any soil, in hot locations and requiring little water. Stands trampling, requires no mowing and spreads rapidly. Per flat (plants 200 square feet), \$2.00.

Yucca Tree Protectors. It is advisable to shade the trunks of young trees from the sun the first season and to protect against rabbits and squirrels. Easily attached. 500 at the 1000 rate.

	Per 100	Per 1000
Length 30 inches.....	\$2.50	\$22.00
Length 24 inches.....	2.00	19.00
Length 18 inches.....	1.60	15.50
Length 16 inches.....	1.50	14.00
Length 14 inches.....	1.35	13.00

Volck Spray. An effective spray for all scale insects, mealy bugs, red spider and thrips. Full directions on package. Quart size (8 gallons of spray), 80c.

Waxed Budding Cloth. Per yard, 18 in. wide..... .60

Tree Labels. 3½-in. copper wired. Per 1000..... 2.75

For Vigorous Plant Growth

USE

VIGORO
Complete plant food

Grass, flowers, shrubs and trees, like human beings, must have a balanced diet. Vigoro is a scientifically balanced food ration furnishing all plant life with proper nourishment for maximum growth and beauty.

It is clear, odorless and easy to apply. We use it ourselves and highly recommend it. Full directions in every bag.

In feeding established lawns apply 4 lbs. of Vigoro on each 100 sq. ft. of surface in early spring. Additional applications of 2 lbs. per 100 sq. ft. during summer and 4 lbs. per 100 sq. ft. in early fall will keep the lawn in thriving condition.

PRICES

5 lbs. for 375 sq. ft. of lawn.....	\$ 50
10 lbs. for 750 sq. ft. of lawn.....	85
25 lbs. for 1875 sq. ft. of lawn.....	1.75
50 lbs. for 3750 sq. ft. of lawn.....	3.00
100 lbs. for 7500 sq. ft. of lawn.....	5.00

MISCELLANEOUS SUPPLIES

German Peat Moss. We highly recommend this material for mixing in soils to loosen it and put it in good condition, and for a mulch around roses and other flower beds to keep the weeds down and conserve moisture. A very useful article. Large bale, \$2.50.

Tree Heal. Pure asphaltum paint, semi-liquid, which can be applied simply and without heating to all pruning wounds or exposed surfaces on trees of all kinds to prevent decay. Quart size, 60c.

Tree White. The very finest material for making a whitewash for painting tree trunks to prevent sunburn. Simply mix the powder with water to the desired consistency. 5-lb. package, 60c.

Grafting Wax. Per pound.....\$.75

We carry a complete line of insecticides and will be pleased to quote prices on request.

General Planting Information

BEST TIME TO PLANT IN CALIFORNIA

Deciduous Trees and Shrubs.....January to April
Evergreen Trees and Shrubs.....November to June
Roses—Dormant.....January to April
Palms, Vines, etc.....Almost Any Time

Citrus and Sub-Tropical Trees.....January to June
Avocado Trees.....November to May
Berry Plants.....January to April
Deciduous Fruit Trees.....January to April

PLANTS TO AN ACRE AT GIVEN DISTANCES APART

Distance Apart	No. Plants	Distance Apart	No. Plants	Distance Apart	No. Plants
2 feet by 1 foot.....	21,700	5 feet by 3 feet.....	2,904	18 feet by 18 feet.....	134
2 feet by 2 feet.....	10,890	5 feet by 4 feet.....	2,178	19 feet by 19 feet.....	120
3 feet by 1 foot.....	14,520	5 feet by 5 feet.....	1,742	20 feet by 20 feet.....	108
3 feet by 2 feet.....	7,260	6 feet by 6 feet.....	1,200	22 feet by 22 feet.....	90
3 feet by 3 feet.....	3,840	8 feet by 8 feet.....	680	25 feet by 25 feet.....	69
4 feet by 1 foot.....	10,890	8 feet by 10 feet.....	545	30 feet by 30 feet.....	48
4 feet by 2 feet.....	5,445	10 feet by 10 feet.....	435	33 feet by 33 feet.....	40
4 feet by 3 feet.....	3,630	12 feet by 12 feet.....	302	40 feet by 40 feet.....	27
4 feet by 4 feet.....	2,722	15 feet by 15 feet.....	193	50 feet by 50 feet.....	17
5 feet by 2 feet.....	4,356	16 feet by 16 feet.....	170	60 feet by 60 feet.....	12

PROPER DISTANCE BETWEEN TREES AND PLANTS

Variety	Ft. Apart	Variety	Ft. Apart
Oranges, Lemons and Grapefruit.....	18 to 30	Jujubes, Low-Pruned Figs.....	12 to 16
Avocados.....	25 to 35	Grape Vines.....	6 to 10
Peaches, Plums, Apricots, Cherries,		Blackberries, Dewberries,	
Almonds.....	20 to 25	Youngberries.....	6 by 8
Pears, Apples, Persimmons, Figs.....	20 to 35	Raspberries.....	3 by 5
Walnuts and Pecans.....	40 to 60	Strawberries.....	1½ by 3
Olives.....	30 to 35	Eucalyptus for Windbreak.....	4 to 8

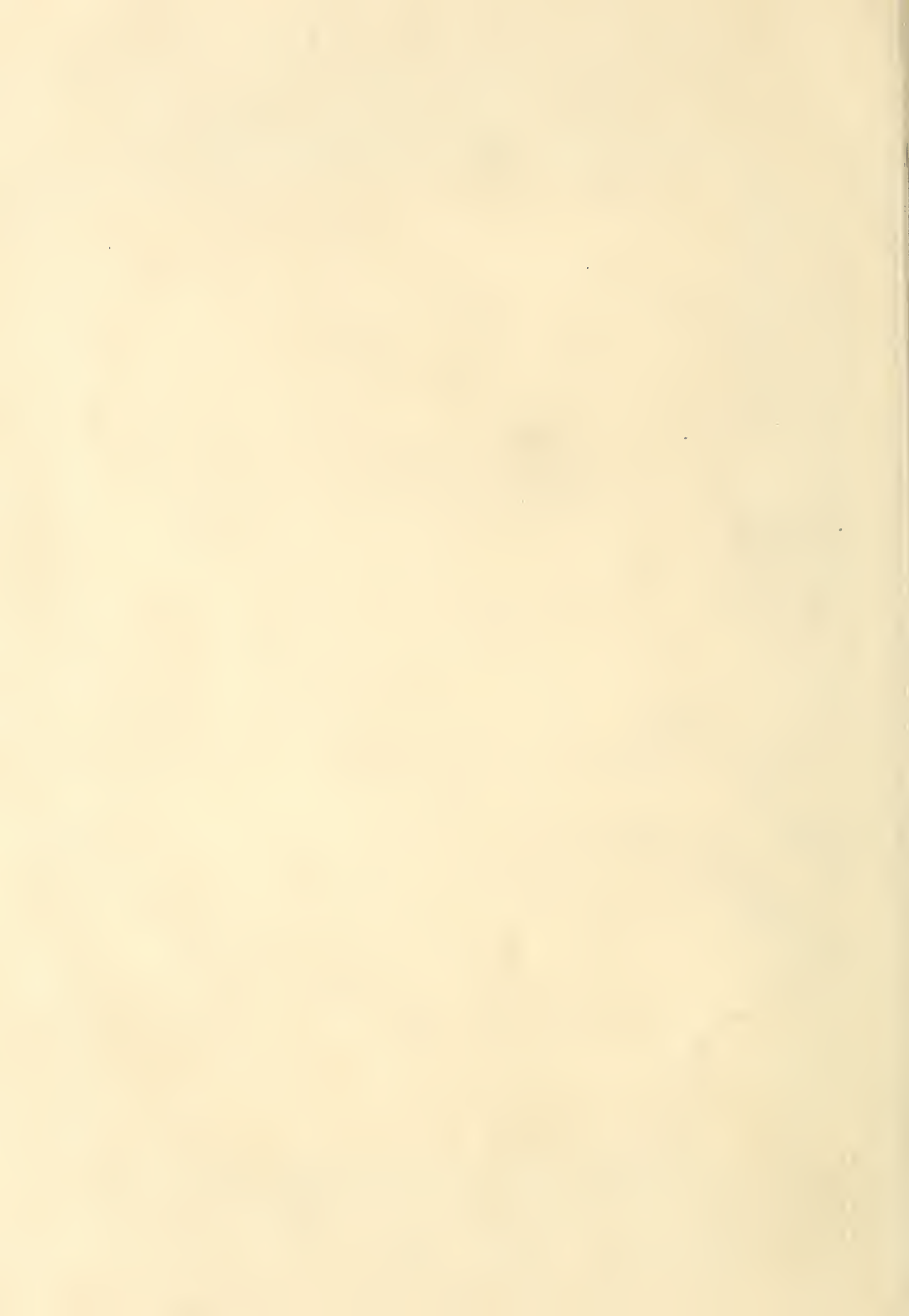
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Citron	5	Limes	3	Pineapple	11	Walnuts	18
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Do Not Overlook These Two Climbing Roses

Inadvertently, in printing this catalog two of our finest Climbing Roses were omitted, and since they are both such splendid varieties and since so many of our friends would be disappointed if they did not find them listed, we are mentioning them on this slip of paper. In selecting Climbing Roses, be sure to give proper consideration to these two splendid kinds.

Climbing Golden Emblem. Several years ago among the bushes in our field of the popular yellow Rose, Golden Emblem we discovered a plant which shot out long upright climbing branches. We have continued to propagate from this plant, and every bush that we have grown from it has shown the same vigorous, rampant growth; with enormous heavy canes six, eight, and even ten feet long produced in one growing season. In addition to this strong climbing habit, the plant produces great quantities of the same highly colored buds of golden-yellow with brilliant red shadings which are so much admired on the bush form of the Golden Emblem. It never reverts back to the bush form as do so many climbing sports. One plant of Climbing Golden Emblem will produce many times the number of beautiful long-stemmed buds for cutting that can be secured on the ordinary bush. Its vigorous growth and profusion of bloom make it one of the finest Climbing Roses that we have ever offered.

Price: 50c Each

Climbing Dame Edith Helen. This is another fine climbing sport which originated in our rose fields. Dame Edith Helen is one of the most popular pink bush Roses, and this climbing variety produces flowers which are exactly like those on the bush, great, large, full flowers of glowing pink, delightfully fragrant, and produced on long, stiff stems. The long climbing shoots, while not quite as vigorous as those of the Climbing Golden Emblem, shoot out very rapidly and the plant will cover a large space in a very short time. We can highly recommend it for a strong growing pink climber.

Price: 50c Each

NOTE: The price of Pauls Scarlet Climber was omitted from the catalog. It is 50c each, like most of our Climbing Roses.

ARMSTRONG NURSERIES
ONTARIO, CALIFORNIA



Chinese Trumpet Vine
see page 69



Dwarf Lavender Crepe Myrtle
see page 62



Flowers of the Cape Chestnut
(*Calodendron capensis*)
see page 52



Dwarf Everblooming Magnolia
(*Magnolia exoniensis.*)
see page 53