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6217

1883 ESTABLISHED FOR THE YEAR 1897

ANNUAL DESCRIPTIVE CATALOGUE OF

# ROYAL PALM NURSERIES

LARGEST COLLECTION OF PLANTS IN THE SOUTH

FOR THE ORCHARD

FOR THE LAWN

FOR THE WINDOW

FOR THE GREENHOUSE

ROYAL PALM NURSERIES  
REASONER BROTHERS  
"NULLI IN OBNOXIO"  
ONECO FLORIDA, U.S.A.

REASONER BROTHERS, ONECO FLORIDA, U.S.A.

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## Rates of Express and Freight.

| From ONECO, FLORIDA, to                                      | F'G'T.   |         |         |          | EXPRESS. |         |         |  | From ONECO, FLORIDA, to               | F'G'T.   |         |         |          | EXPRESS. |         |         |          |
|--|----------|---------|---------|----------|----------|---------|---------|--|---------------------------------------|----------|---------|---------|----------|----------|---------|---------|----------|
|  | 100 lbs. | 25 lbs. | 50 lbs. | 100 lbs. | 100 lbs. | 25 lbs. | 50 lbs. | 100 lbs.   |                                       | 100 lbs. | 25 lbs. | 50 lbs. | 100 lbs. | 100 lbs. | 25 lbs. | 50 lbs. | 100 lbs. |
| Apalachicola, Fla. . . . .                                   | \$1 43   |         |         |          |          |         |         |  | Dallas, Tex. (ft. <i>via</i> steam'r) | \$1 51   | \$1 50  | \$3 00  | \$6 00   |          |         |         |          |
| Bartow, Fla. . . . .   | 68       | \$0 35  | \$0 50  | \$1 00   |          |         |         | Des Moines, Ia. . . . .                                    | 2 18                                  | 1 60     | 3 20    | 6 40    |          |          |         |         |          |
| Brooksville, Fla. . . . .                                    | 95       | 35      | 66      | 1 32     |          |         |         | Davenport, Ia. . . . .                                     | 1 92                                  | 1 55     | 3 10    | 6 20    |          |          |         |         |          |
| DeFuniak Springs, Fla. . . . .                               | 1 64     | 60      | 1 20    | 2 40     |          |         |         | Detroit, Mich. . . . .                                     | 1 72                                  | 1 50     | 3 00    | 6 00    |          |          |         |         |          |
| DeLand, Fla. . . . .   | 1 15     | 35      | 70      | 1 40     |          |         |         | Galveston, Tex. (freight<br><i>via</i> steamer) . . . . .  | 1 14                                  | 1 30     | 2 60    | 5 20    |          |          |         |         |          |
| Jacksonville, Fla. . . . .                                   | 88       | 35      | 70      | 1 36     |          |         |         | Kansas City, Mo. . . . .                                   | 2 09                                  | 1 50     | 3 00    | 6 00    |          |          |         |         |          |
| Key West, Fla. . . . .                                       | 78       |         |         |          |          |         |         | Los Angeles, Cal. . . . .                                  | 2 88                                  | 2 90     | 5 80    | 11 60   |          |          |         |         |          |
| Leesburg, Fla. . . . .                                       | 75       | 35      | 60      | 1 20     |          |         |         | Laredo, Tex. (freight <i>via</i><br>steamer) . . . . .     | 1 65                                  | 1 85     | 3 70    | 7 40    |          |          |         |         |          |
| Live Oak, Fla. . . . .                                       | 85       | 45      | 90      | 1 78     |          |         |         | Little Rock, Ark. . . . .                                  | 2 04                                  | 1 30     | 2 60    | 5 20    |          |          |         |         |          |
| Miami, Fla. . . . .  | 1 68     |         |         |          |          |         |         | Louisville, Ky. . . . .                                    | 1 63                                  | 1 15     | 2 30    | 4 60    |          |          |         |         |          |
| Ocala, Fla. . . . .  | 73       | 35      | 56      | 1 12     |          |         |         | Mobile, Ala. (freight <i>via</i><br>steamer) . . . . .     | 64                                    | 85       | 1 70    | 3 40    |          |          |         |         |          |
| Orlando, Fla. . . . .  | 66       | 35      | 56      | 1 12     |          |         |         | Minneapolis, Minn. . . . .                                 | 2 15                                  | 1 70     | 2 40    | 6 80    |          |          |         |         |          |
| Palatka, Fla. . . . .  | 88       | 45      | 90      | 1 78     |          |         |         | Memphis, Tenn. . . . .                                     | 1 59                                  | 1 10     | 2 20    | 4 40    |          |          |         |         |          |
| Pensacola, Fla. . . . .                                      | 1 35     | 65      | 1 30    | 2 60     |          |         |         | Milwaukee, Wis. . . . .                                    | 1 92                                  | 1 45     | 2 85    | 5 70    |          |          |         |         |          |
| Punta Gorda, Fla. . . . .                                    | 93       | 37      | 74      | 1 48     |          |         |         | New York, N. Y. (freight<br><i>via</i> steamer) . . . . .  | 1 33                                  | 1 20     | 2 40    | 4 80    |          |          |         |         |          |
| Sanford, Fla. . . . .  | 70       | 35      | 56      | 1 12     |          |         |         | New Orleans, La. (freight<br><i>via</i> steamer) . . . . . | 64                                    | 90       | 1 80    | 3 60    |          |          |         |         |          |
| St. Augustine, Fla. . . . .                                  | 1 11     | 40      | 80      | 1 60     |          |         |         | Nashville, Tenn. . . . .                                   | 1 45                                  | 1 05     | 2 10    | 4 20    |          |          |         |         |          |
| St. Petersburg, Fla. . . . .                                 | 17       | 35      | 75      | 1 50     |          |         |         | Omaha, Neb. . . . .  | 2 11                                  | 1 70     | 3 40    | 6 80    |          |          |         |         |          |
| Tallahassee, Fla. . . . .                                    | 90       | 50      | 1 00    | 2 00     |          |         |         | Philadelphia. (freight <i>via</i><br>steamer) . . . . .    | 1 33                                  | 1 10     | 2 20    | 4 40    |          |          |         |         |          |
| Tampa, Fla. . . . .  | 17       | 35      | 56      | 75       |          |         |         | Phoenix, Ariz. (freight <i>via</i><br>steamer) . . . . .   | 3 40                                  | 3 10     | 6 20    | 12 40   |          |          |         |         |          |
| Tarpon Springs, Fla. . . . .                                 | 51       | 35      | 70      | 1 40     |          |         |         | Portland, Oregon . . . . .                                 | 2 88                                  | 3 40     | 6 80    | 13 60   |          |          |         |         |          |
| Tavares, Fla. . . . .  | 71       | 35      | 70      | 1 40     |          |         |         | Rochester, N. Y. . . . .                                   | 1 64                                  | 1 45     | 2 90    | 5 80    |          |          |         |         |          |
| Titusville, Fla. . . . .                                     | 1 21     | 35      | 70      | 1 40     |          |         |         | Savannah, Ga. . . . .                                      | 1 15                                  | 45       | 90      | 1 78    |          |          |         |         |          |
| West Palm Beach, Fla. . . . .                                | 1 65     | 55      | 1 10    | 2 20     |          |         |         | St. Louis, Mo. . . . .                                     | 1 83                                  | 1 25     | 2 50    | 5 00    |          |          |         |         |          |
| Atlanta, Ga. . . . .   | 1 39     | 75      | 1 50    | 3 00     |          |         |         | San Francisco, Cal. . . . .                                | 2 88                                  | 3 00     | 6 00    | 12 00   |          |          |         |         |          |
| Austin, Tex. (freight <i>via</i><br>steamer) . . . . .       | 1 51     | 1 50    | 3 00    | 6 00     |          |         |         | Santa Barbara, Cal. . . . .                                |                                       | 3 10     | 6 20    | 12 40   |          |          |         |         |          |
| Augusta, Maine . . . . .                                     | 1 67     | 1 45    | 2 90    | 5 80     |          |         |         | Santa Fe, New Mexico . . . . .                             |                                       | 2 60     | 5 20    | 10 40   |          |          |         |         |          |
| Baltimore, Md. . . . .                                       | 1 64     | 1 00    | 2 00    | 4 00     |          |         |         | Salt Lake, Utah . . . . .                                  | 3 74                                  | 2 70     | 5 40    | 10 80   |          |          |         |         |          |
| Boston, Mass. (freight <i>via</i><br>steamer) . . . . .      | 1 38     | 1 30    | 2 60    | 5 20     |          |         |         | Seattle, Wash. . . . .                                     |                                       | 3 50     | 7 00    | 14 00   |          |          |         |         |          |
| Buffalo, N. Y. . . . .                                       | 1 57     | 1 45    | 2 90    | 5 80     |          |         |         | Washington, D. C. . . . .                                  | 1 44                                  | 80       | 1 90    | 3 80    |          |          |         |         |          |
| Brownsville, Tex., (freight<br><i>via</i> steamer) . . . . . | 1 36     | 1 70    | 3 40    | 6 80     |          |         |         | Yankton, South Dakota . . . . .                            | 2 56                                  | 2 10     | 4 20    | 8 40    |          |          |         |         |          |
| Cincinnati, O. . . . .                                       | 1 63     | 1 15    | 2 30    | 4 60     |          |         |         |  |                                       |          |         |         |          |          |         |         |          |
| Cleveland, O. . . . .  | 1 72     | 1 35    | 2 70    | 5 40     |          |         |         |  |                                       |          |         |         |          |          |         |         |          |
| Chicago, Ill. . . . .  | 1 88     | 1 30    | 2 60    | 5 20     |          |         |         |  |                                       |          |         |         |          |          |         |         |          |
| Denver, Col. . . . .   | 2 84     | 2 30    | 4 60    | 9 20     |          |         |         |  |                                       |          |         |         |          |          |         |         |          |

It will be noticed that a few points have rates quoted *via* steamship connections; this is cheaper than all rail, and is, therefore, given.

Express travels *via* all rail in every case, and not by steamer.

Add 5 cents to above rates on **each package**, to cover wharfage or depot charge, which is made in every case.





*Ravanela Madagascariensis.*

*Areca lutescens.*

*Cycas revoluta* in background.

*Attalea Cohune.*

SOME CHOICEST TROPICAL PALMS AT HOME.

1883==1897



ROYAL PALM NURSERIES



Oneco, Manatee Co., Florida, U. S. A.



## INTRODUCTORY.



**Fourteen years of hard work** and unremitting personal attention to business results in one of the most complete nursery and floral establishments in America. Strict attention to detail, prompt correspondence and careful packing please buyers, and give them confidence in our ability to handle their business intelligently.

**Our stock** is in most admirable condition, and larger than ever offered before.

**Prices will be found lower**, also, and the general average quality of stock furnished better and larger.

**Located forty miles south of Tampa**, near the gulf coast, we are in a mild and equable climate, especially adapted for the best growth of various plants and trees, both tropical and temperate.

**Our summer**, or growing season, is almost like the West Indies—an even temperature, not too hot, with abundance of rain—causing luxuriant growth, and enabling us to furnish larger plants for less money than most establishments farther north. Our old customers recognize the superiority of plants thus grown naturally, without forcing, and continue placing their orders.

**Greenhouse plants** are mostly grown under lath shading, without artificial heat, and are unusually vigorous. We have a large area of glass, however, for more tender plants, and for some special plants which require more heat and less water. Our greenhouse department covers about an acre, and is piped throughout with soft water under pressure. Convenient packing house and offices help in quickly forwarding stock. We aim to fill each order the next day after receiving it, and **very seldom** keep our patrons waiting so long as three days, even for extensive, intricate orders.

**Excellent telephone connection** with the "Centrals" at Braidentown and Manatee, and Western Union Telegraph, aid us in dispatching our customers' business.

**The Southern Express Company** make us low rates on goods to all points, both in their own territory and over connecting lines.

**The immense Plant System** of railways and steamships, and, also, the system of the F., C. & P. Railway, handle our goods very satisfactorily, and make fair rates on all shipments.

**This Catalogue** is designed to contain the very best information about all sorts of plants and trees (truthful descriptions without undue praise) that it is possible to put in the limited space, so please do not throw it lightly aside. If you are not personally interested in our line, be so kind as to hand it to some one who may appreciate it, and accept our grateful thanks.

**We cheerfully reply to all queries**, but request inquirers to ascertain first if this Catalogue does not answer their questions. We have compiled it to meet every probable inquiry, and to save trouble to both ourselves and customers.

**We take this occasion** to thank our former patrons for liberal orders and kind words of praise, and to say to strangers that we would appreciate a share of their business. We will try to treat them "right" in every way, and think we can make it to their interests to deal with us. "The proof of the pudding is in the eating."

Respectfully,

REASONER BROS.

## PRELIMINARY REMARKS.

**"They're like the directions on a bottle—better read them."**

**J**USTICE to our customers as well as to ourselves requires that we should ask careful attention to the following preliminary notes. Their appreciation will remove any occasion for misunderstanding, and aid in maintaining the pleasant relations with customers so much to be desired by all business men.

**1. We use every possible precaution** to prevent mistakes in the nomenclature of plants, and never intentionally send out a plant under a wrong name; but as we are receiving seeds and plants from different collectors all over the world, we cannot guarantee all plants true to name, as it is impossible under the circumstances. This is applicable particularly to plants of recent introduction from foreign countries.

While we exercise the greatest care to have our plants true to label, and hold ourselves prepared, on proper proof, to replace any that may prove otherwise, we do not give a warranty, express or implied, and in case of error on our part, it is mutually agreed between the purchaser and ourselves that we shall not at any time be held responsible for a greater amount than was paid for them.

**2. As to the pains we take in packing**, those who have dealings with us need no further proof; we can only say to others, try us. We ship plants all over the world, and in nearly every case have been advised that they were received in good order. Shipment of plants by freight during spring, summer and autumn is a very cheap and satisfactory way. New York and New England points are quickly reached by direct steamers via New York or Boston. The rate is low—about \$1.25 per 100 lbs. from Florida to the ports named. More southern points are reached by all-rail, or by steamer via Mobile, New Orleans or Galveston. We get special rates on large freight shipments. By express, the rate now on plants or shrubbery is 25 per cent less than on merchandise, and our customers are sure of having their goods packed lightly but securely. No matter what part of the world you live in, we can ship plants to you safely, and take pleasure in getting lowest freight rates to any point. We ship to almost every country on the globe—Europe, North and South Africa, India, Ceylon, Java, Papua, China, Japan, Australia, Hawaii, New Zealand, etc., etc.

**3. No extra charge for boxing, packing and delivery** to transportation lines on all orders over one dollar. We cannot afford to fill orders of less amount than this by express or freight.

**4. Plants by mail a specialty.** We have had thousands of flattering testimonials as to the safe and perfect system we use. Packages are sent with safety, per "parcel post," to many foreign countries, up to 11 pounds weight. Maine and Washington are as easily and safely reached as Georgia. Unless otherwise stated, all plants are sent postage paid on receipt of price. Please do not order less than 50 cents worth of plants at any time.

**5. We employ no agents** whatever; our stock is sold only direct from the Nurseries.

**6. Terms strictly cash** with the order. No packages sent C. O. D. under any circumstances. Remittances may be made by Money Order or Registered Letter on Oneco, Florida, or Bank Draft; Money Orders and Drafts preferred.

**7. We do not substitute**, except with permission of customers; but trouble would sometimes be avoided if, in ordering, additional plants were mentioned, with which we can substitute if out of any particular variety.

**8. Domestic Money-Orders** should be made payable at Oneco (pronounced O-né-co). Foreign customers should make orders payable at Tampa, Florida.

**9. What we do not do:** Offer \$2 for \$1, because it cannot be done honestly; nor give any "premiums" or other nostrums. Our prices are "bed-rock," and as low as good stock in the size offered can be supplied.

**What we do:** Everything to please customers, and give them real value for their money.

**Every specimen offered** is worth every cent we ask for it, and decorative plants priced without giving height are fine plants, worth much more than we ask for them. Remember, plants by mail are sent postage paid by us; if by express or freight, we add extras to help lessen cost of such transportation. By mail, smaller plants are obliged to be sent, rather than by express. If you desire fine specimens, better order shipped by express or freight. Orders received without specifying mode of shipment or route are forwarded as our judgment may dictate; in all cases to suit the goods named, and at the least cost to the purchaser.



## Collections of Plants.

See end of each department in this Catalogue for bargain lists. We make up valuable collections of choice plants at a very low price, and have given satisfaction and pleasure to hundreds of customers. If you don't know just what you want, let us select for you. We know what will thrive with you, and can choose from good-sized plants, which are bound to more than please you. Try them.

## Treatment of Plants on Arrival.

**The Plants** should, of course, be removed from the box as soon as possible after they reach their destination. Should they be in the least wilted, they should be placed in a shallow pan of lukewarm water, with the packing moss still about the roots, and in half an hour they will be ready to pot. This treatment will increase vitality and vigor, whether they be wilted or not. Large trees and shrubs from open ground may be simply "heeled-in" on the shady side of a building, the roots well watered, and if not set permanently for a week afterward they will be all the better for it.

**Setting.**—It is, of course, understood that the soil has been made in proper condition by digging, manuring, etc., and plants and trees can be set in their proper spaces at once. If plants are from pots, let them be set a little deeper than before; if soil is still around the roots, set without disturbing or removing it. *Don't try to straighten out the roots of pot-grown plants!* Plants or trees from open ground should be pruned if necessary, and roots looked over and broken ends trimmed smooth. After setting, draw soil around and firm down thoroughly by *tramping with the feet*. Then water well, after which rake fresh soil about, shade if necessary, and mulch with straw or other like material. The plant may not be stocky, so if it needs a stake do not forget to tie it thoroughly to the support given. When it is necessary to water plants outdoors, give them enough to soak down to moist soil; every five days should be often enough.

**Potting.**—At first, while plants are small, use pots one size larger than they were last removed from. As they increase in size, they should be repotted when it is found that the pots are full of roots. This is best done when the plant has made its annual growth, and just before it starts afresh. In using small pots, it is only necessary to use a small piece of broken pot over the hole in the bottom, but when the size runs up to 5 or 6-inch, several pieces of pots, some pebbles or pieces of charcoal should be put in, that it may have ample drainage. Fill the pots with earth and plant, leaving about  $\frac{1}{2}$  to 1 inch space to hold the water; water thoroughly, and place the plants in a sheltered position, where they will not be exposed to wind or sun, until they show signs of growth.

**Watering.**—This is one of the most important points in the successful cultivation of all plants. During the growing season they should have enough water to keep the soil moist to the bottom of the pot, but should not be kept in a soggy state; plenty may be applied to the foliage at all times. During the winter the soil should be kept dryer, and in some cases nearly or quite dry. A plant will generally show when it needs water, and more are killed by over-watering than through lack of it.

## Miscellaneous Suggestions.

**In setting out pot-plants** into open ground, remember to set the ball of earth and roots much deeper than the surface; this will put the roots in moist earth, and they will "take hold" quickly. Don't try to straighten out such roots, but simply let them stay intact. Pot-plants grown in stiff clay soil should have the clay washed off before setting in sandy or loamy soil.

**In potting orange trees** (or other citrus), guavas, pomegranates, eugenias, or like fruit plants, use very sandy, ordinary soil, without manure. If this soil is absolutely too poor to grow plants in, use a very little well-rotted cow manure, a trifle bone-meal, or a very, very little guano. Use wood-ashes liberally however, in all cases. A great many plants are literally choked on too rich food. Your common sense will teach you that such slow-growing plants cannot be forced like a cabbage.

**By ordering plants** during warm weather, when there is no danger from frost, heavy consignments can safely travel by freight to any distance. This is cheaper than by express, very often, and purchasers will do well to make a note of it.

**Large old orange or lemon trees** which fail to bloom should be mulched with wood-ashes, and about the middle of December girdle the trunks nine-tenths of their circumference. A narrow piece of bark, only one-eighth of an inch wide, should be removed with a knife or saw. It is safe to do this, and is almost certain to make trees bloom. We practice this plan in our groves annually.

**Remember to keep the temperature** of conservatory or room devoted to plants at an average degree of warmth, and as moist as possible. Avoid extremes, or drafts of cold air.

**Plants infested with insects**, if in pots and not too large, are easily and safely cleaned by holding ten seconds in warm water. Quick-growing or succulent-leaved plants should be immersed in water at  $125^{\circ}$  to  $130^{\circ}$ . Those with tough leaves (like palms, orange trees, and kindred subjects) should be immersed in water from  $130^{\circ}$  to  $140^{\circ}$ . This kills all insect life, if thoroughly done.

Address, always.

REASONER BROS., ONECO, FLA.

# Tropical Fruit Plants.

"But how beautiful they are, all and each, after their kind! What a joy for a man to stand at his door and simply look at them growing, leafing, blossoming, fruiting without pause, through the perpetual summer, in the little garden of the Hesperides, where, as in those of the Phœnicians of old, 'pear grows ripe on pear and fig on fig,' forever and forever.



Pineapple.

**ACHRAS** *sapota* (*Sapota achras*, *Sapota mammosa*).

The SAPODILLA, SAPODILLA PLUM, or NASEBERRY. (Spanish, *Sapote*.) West Indies. A fine plant for pot culture, the broad, glossy leaves beautiful at all times. In our opinion almost equal to the mango. Can be compared to a russet apple, with the taste of a rich, sweet, juicy pear, with granulated pulp. 20 cts. each, \$2 per dozen; larger, 35 cts. each, \$3 per doz.

**ADANSONIA** *digitata*. BAOBAB TREE, or MONKEY'S BREAD. West Africa. A famous tree; "fruit 9 to 12 inches long, and about 4 in diameter. Is eaten with sugar, and is pleasant and wholesome." \$1 each.

**EGLE** *marmelos*. The ELEPHANT-APPLE, MAREDOO, BENGAL QUINCE, BELI, or BHEL FRUIT. Central and South India. \$1 each.

**ANACARDIUM** *Occidentale*. The CASHEW-NUT. (Spanish, *Maranon*.) West Indies. The curious Cashew-Nut has fruited in Florida. It attains considerable size, and in habit of growth it in general resembles the walnut, and its leaves, which are simple, have a similar scent. The fruit is kidney-shaped, about an inch in length. 50 cts. each, \$5 per dozen.

**ANANASSA** *sativa* (*Bromelia ananas*). The PINE-APPLE. (Spanish, *Pina*.) West Indies and Caribbee Islands. Too well-known to need description. Practically successful under proper conditions. Varieties:

**A. abbaka**. Very popular and prolific; large size, and rich fruits; good shipper. 25 cts. each, \$2.50 per dozen.

**ANANASSA**, continued.

**Sugar-loaf**. Flesh firm, yellow, and exquisitely flavored; very sweet. 15 cents each, \$1.50 per dozen, \$10 per 100.

**Red Spanish**. The ordinary Pine of commerce. Fruit richly colored, but tart. 10 cents each, \$1 per dozen, \$5 per 100. Slips in summer, \$12 to \$15 per 1,000.

**Porto Rico**. Fruit extremely large and luscious. Will weigh 15 pounds. 25 cents each, \$2.50 per dozen.

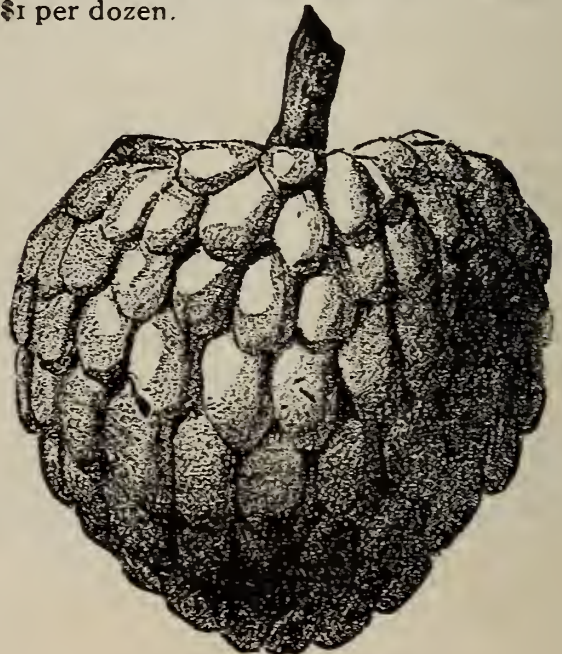
**Ripley Queen**. Our favorite sort. Yellow; sweet flesh; good grower. 50 cents each, \$2 per doz.

**Black Jamaica**. Large, tall-growing variety, valuable for fruiting in the winter or out of season. Fruit very rich. 15 cents each.

**ANONA** *Cherimolia* (*A. tripetala*, *A. Humboldtiana*). The CHERIMOYA, or JAMAICA APPLE. (Spanish, *Cherimoya*.) This delicious fruit varies from the size of an apple to 6 inches in diameter. When given slight protection against north winds and frost, especially by timber growth, can be successfully grown in California and Florida in many places. 25 cents each, \$2.50 per dozen.

**A. glabra** (*A. laurifolia*). The POND-APPLE. (Spanish, *Mamon*.) The wild "Custard-apple" of South Florida. 25 cents each.

**A. squamosa**. The SUGAR-APPLE, or SWEET-SOP. (Spanish, *Anon*.) A delicious fruit, much grown in Key West, and to some extent on Manatee river, and in some parts of South Florida, and has produced fruit as far north as Putnam county, Florida. Fruit resembles an inverted cone of a yellowish green color when ripe, or a small pineapple minus the crown. 15 cts. each, \$1 per dozen.



Anona, or Custard Apple.

## ANONA, continued.

**A. muricata.** The SOUR SOP. (Spanish, *Guanabena*.) A large, green, prickly fruit, 6 or 8 inches long, containing a soft, white, juicy pulp, which in fresh, well-ripened specimens, is delicious. A favorite fruit in the West Indies, where a cooling drink is also made from the fruit. This is the most tender of all the Anonas; also one of the most beautiful, with shining, glossy leaves. 15 and 25 cts. ea.

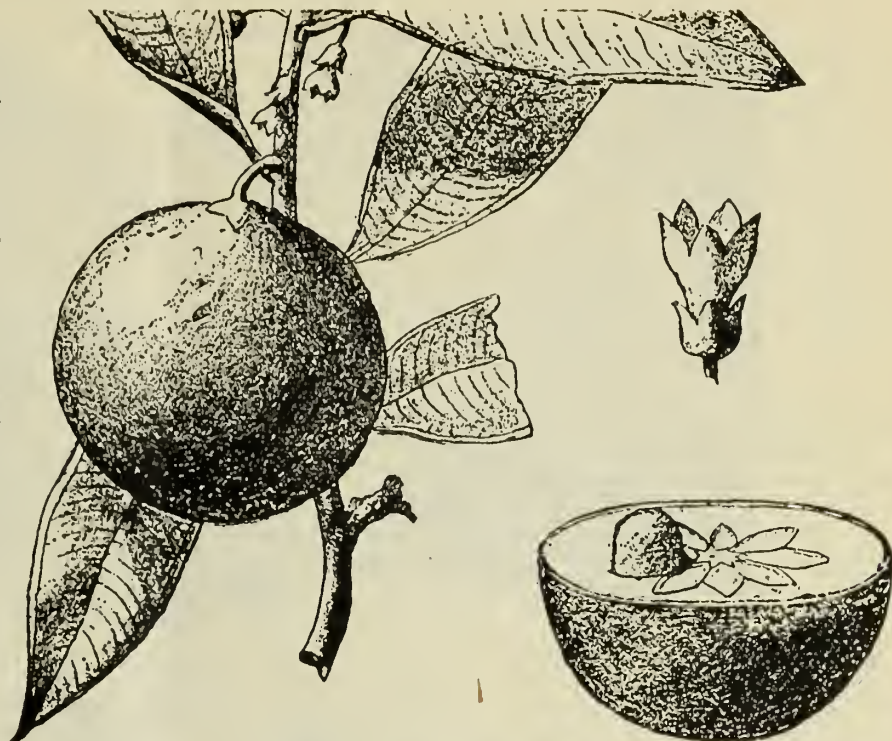
**A. Species from Brazil.** "The BERIBA, a quick-growing tree, with large fruit, the inside of which tastes very much like the filling of cream-cakes."—*E. S. Rand*. 50 cts. each, \$5 per dozen.

**CARICA papaya.** The PAPAWE, or MELON PAPAWE. (Spanish, *Papaya*.) The leaves are large, seven-lobed and terminal, after the manner of palms. Dioecious. The plant grows very fast, and is strikingly odd and ornamental. Very tender, but ordinarily survives the South Florida winter. Specimens here in Manatee have attained an age of 7 or 8 years. Delights in a very high and dry situation, even a shell mound. The green fruit is said to be sometimes used as we use the turnip. The buds are used for sweetmeats, and the ripe fruit is sliced and eaten like a muskmelon, which it resembles in size, color and taste. But it will be most highly prized in Florida for its peculiar property of *making tough beef tender!* This is uniformly practiced in the tropics. The slice of meat may be placed between bruised leaves of the Papaw for half an hour, or even less, or rubbed with the rind of the fruit. Ready in May. 15 cents each, \$1 per dozen.

**CARISSA Arduina** (*Arduina grandiflora*). Natal. The shrub is an evergreen, with thick, bright green, camellia-like foliage; is very thorny and of slow growth; bears a profusion of large, fragrant white flowers and delicious fruits, red, and the size of a cherry. In Natal, where the fruit is used to make an excellent preserve, the plant is called *Amatungula*. (Though this little plant will bear several degrees of frost, it is perhaps more suitably classed as "Tropical" than as semi-tropical.) 40 cents each.

**C. acuminata.** Natal. 75 cents each.

**CHRYSOPHYLLUM cainito.** The STAR-APPLE. (Spanish, *Cainito*.) "And what is next, like an



*Star Apple. (Chrysophyllum canito.)*

## CHRYSOPHYLLUM, continued.

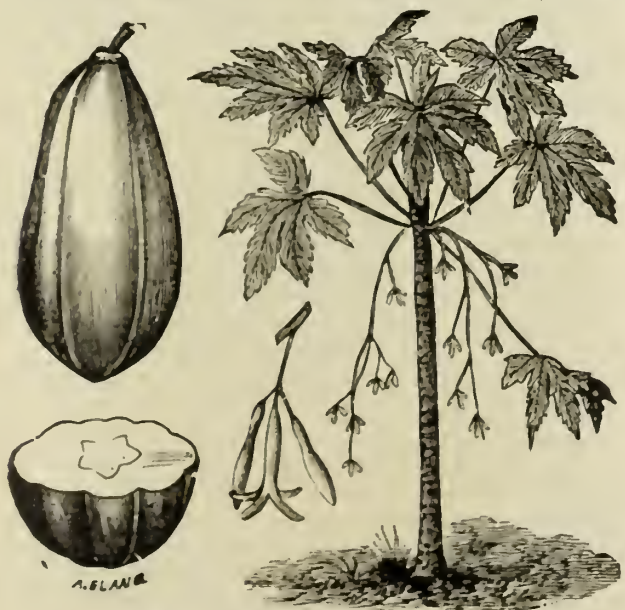
evergreen Peach, shedding from the underside of every leaf a golden light—call it not shade? A Star-Apple."—*Kingsley*. This tree finally attains a height of 20 feet, bearing large quantities of round, purple (sometimes greenish) fruits, the size of a small apple, ripening in April and May. The fruit, cut into halves transversely, discloses a purple pulp with whitish star-shaped "core," and from 4 to 10 seeds. A first-class fruit, and in demand. 20 cents each, \$2 per dozen.

**CEREUS triangularis.** STRAWBERRY PEAR. (Also, for other fruit-bearing Cerei, see Cacti.)

**COCOS nucifera.** The COCOANUT PALM. (Also, for other species of Cocos, see Palms and Cycads.)

**CICCA disticha** (*C. racemosa*, *Phyllanthus distichus*). OTAHEITE GOOSEBERRY. A rare, beautiful tree, bearing large quantities of waxy white berries, resembling the Surinam cherry in shape and size, growing in clusters like a currant, and with a sharp acid taste. Ripening in midsummer, when fruit is scarce, they are useful for pies, preserves, etc., deserving a careful cultivation simply as an ornamental tree. We know of no more beautiful sight than one of these trees loaded with its fruit; the graceful pinnate leaves, a foot or more in length, with a faint tinge of wine-color on the new growth, the long racemes of waxy berries hanging directly from the large limbs and branches, and the whole tree impresses one as strangely tropical. 30 cents each, \$3 per doz.

**COCCOLOBA uvifera.** The SEA-GRAPE, or SHORE-GRAPE. West Indies and South Florida. "We have fancied it (and correctly) to be a mere low, bushy tree, with roundish leaves. But what a bush! with drooping boughs, arched over and through each other, shoots already 6 feet long, leaves as big as the hand, shining like dark velvet, a crimson mid-rib down each, and tiled over each other—'imbricated,' as the botanists would say—in that fashion which gives its peculiar solidity and richness of light and shade to the foliage of an old sycamore; and among these noble shoots and noble leaves, pendant everywhere, long, tapering spires of green grapes. This Shore-Grape, which the West Indians esteem as we might a bramble, we found to be, without exception, the most beautiful broad-leaved plant which we had ever seen."—*Kingsley*. 25 cents each, \$2 per doz.



*The Papaw, or Melon Papaw.*



Fruiting Pineapples and Bananas at Royal Palm Nurseries.

**COCCOLOBA**, continued.

**C. Floridiana.** The PIGEON PLUM. The fruit of this species, as well as of the preceding, is pleasant tasting, and could probably be improved by cultivation. The tree is a handsome evergreen, with smaller leaves than those of *C. uvifera*. 50 cts. each.

**CUPANIA sapida** (*Blighia sapida*). AKEE TREE of West Africa, now naturalized in the West Indies. The rich red fruits are considered poisonous in a raw state, but are wholesome when cooked. Tree attains 30 feet in height, and has handsome compound leaves. Fine plants in pots. 25 cents each.

**EUGENIA Brasiliensis** (*Myrtus Dombeyi*, *Eugenia bracteolaris*). BRAZIL CHERRY. Brazil. Closely allied to *E. Micheli*. 50 cents each.

**E. Jambos** (*Jambosa vulgaris*). The ROSE-APPLE, or JAMROSADE. (Spanish, *Poma rosa*.) This beautiful evergreen tree promises exceedingly well in South Florida. The tree is a native of the East Indies, but has been long grown in the West India Islands; is ordinarily very bushy, never growing higher than 25 to 30 feet. The leaves are long and narrow, very thick and shining, in shape much like those of an oleander. The flowers come out in late summer, varying in color from a creamy white to a greenish yellow, and the fruit ripens from December to May. The fruit much resembles a very large Siberian crab apple, is white or yellowish, sometimes with delicate red blush on one side; is rose-scented, very fragrant, and with the flavor of a ripe Apricot. Makes the finest jelly. First size, 50 cts. each, \$5 per doz.; smaller size, 20 cents each, \$1.75 per dozen.

**E. Zeylanica.** A rare East Indian sort, which has not as yet fruited in Florida. Foliage glossy and evergreen. \$1 each.

**E. Micheli.** See Semi-Tropical Fruit Plants.

**FIGUS glomerata.** CLUSTER FIG. East Indies and Queensland. In India the ripe fruit is eaten either raw or stewed. The foliage is used as fodder for cattle. 40 cents each.

**FIGUS**, continued.

**F. aurea.** A unique species, found nowhere but in a limited area of South Florida. A very choice ornamental tree, with glossy leaves, resembling slightly those of *F. elastica* on a small scale. The fruit, though small, is pleasant and wholesome, being somewhat similar to the ordinary fig of commerce. The tree almost equals in beauty the famous *F. elastica*, is of rapid growth, and well adapted to our soil. Will stand but little frost. A most beautiful pot-plant for decorative work, in contrast with palms, dracænas, etc. 35 cents each.

**GARUGA pinnata.** East Indies. A deciduous tree, reaching 60 feet in height. Fruit eaten raw by the natives, but chiefly used for pickling. 50 cents each.

**GREWIA Caffra.** An elm-like tree from South Africa, perhaps producing edible fruit. 25 cents each.

**G. denticulata.** Resembles a mulberry in growth, and bears enormous quantities of acrid drupes about the size of cranberries. Used for pickling. Rather tender. 25 cents each.

**GUILIELMA speciosa** (*Bactris Gasipæa*). The PEACH PALM. (See Palms.)

**HIBISCUS Sabdariffa.** JAMAICA SORREL. An annual of quick growth, attaining under ordinary care a height of 6 feet; furnishes a great abundance of fleshy red calyxes during late autumn and winter. They resemble in taste cranberries, and are excellent for jelly, sauce or preserves. Ready only in late spring. 3 for 20 cents, 6 for 35 cents, 50 cents per dozen.

**INGA dulcis** (*Albizia dulcis*). West Indies and South America. The tree is small, with compound leaves, and makes a good hedge. The sweet pulp of the pod is regarded as wholesome. 25 cents each, \$2.50 per dozen.

**LUCUMA mammosa** (*Achras mammosa*, *Achras sapota major*, *Sapota mammosa*). The MAMMEE SAPOTA, or MARMALADE TREE. (Spanish, *Mamey*, *Mamey Colorado*.) A gigantic forest tree in its native home (Central America).



Mango.

**LUCUMA**, continued.

Large, brown, oval fruits, from the size of a goose-egg to that of a muskmelon; one large seed in the center, extending the whole length of the fruit. The fruit is sliced, and eaten like a muskmelon, but without pepper or salt. Pulp a rich saffron color, tasting very much like *pumpkin pie*. 50 cents each, \$5 per dozen.

**L. rivicoa**, var. *angustifolia*. The EGG-FRUIT, or "TI-ES." (Spanish, *Caniste*, *Canistel*.) The tree or shrub has borne fruit in Tampa, and we have seen other fine specimens in the state, notably at Mr. Collier's place, at Caximbas. The fruit is like a miniature Mammee Sapota; taste resembles that of a *sweetened hard-boiled egg*. 75 cents each.

**MANGIFERA Indica**. The MANGO TREE; India. We cannot speak too highly of this delectable fruit, destined, we hope, to become as plentiful in parts of South Florida as the orange. Ripening in midsummer, it fills an important gap in our succession of fruits; for the small boy, also, it fills an important gap; we have in mind several who do not hesitate on 25 Mangoes at a sitting. In productiveness and rapidity of growth, it surpasses any fruit tree we have ever seen. Give it high, well-drained land, and watch it grow!

A friend (Prof. Chas. T. Simpson) has described to us an avenue of Mango trees on the Island of Utila, one of the Bay Islands of Honduras, whose trunks are 4 feet in diameter. The trees were set 60 feet apart, and now the branches touch! Five to 8-year-old trees in South Florida bore thousands of Mangoes.

**Common, or Turpentine Mango**. The ordinary sort; large, with red cheek; delicious. 25 cts. each, \$2.50 per dozen, \$20 per 100; smaller, 20 cents each, \$1.50 per dozen.

**Apricot Mango**. One of the best varieties. Size, small to medium; yellow, with bright red cheek, and no black spots on the skin. Taste, that of a delicious apricot, *only much better*; very spicy, and almost entirely lacking in the "turpentine" taste objected to by some. 35 cts. each, \$3.50 per dozen, \$25 per 100.

**No. 11**. One of the best Mangoes grown. Originally introduced to Jamaica; now found in many West India Islands. Fruit almost round, medium to large (some have weighed four pounds), and of a rich yellow color; a most desirable sort. 35 cents each, \$3 per dozen, \$25 per 100.

**MELICOCCA Bijuga** (*M. Carpoidea*). The SPANISH LIME of KEY WEST; GENIP-TREE, BULLACE PLUM, or HONEY-BERRY of Jamaica; MONOS of Curacoa. (Spanish, *Momoncillo*.) West Indies

**MELICOCCA**, continued.

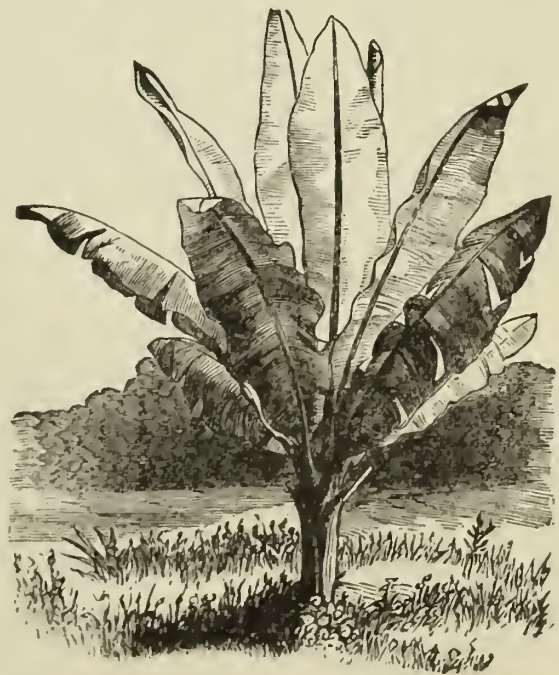
and Province of Caracas. A sapindaceous tree, with peculiarly odd foliage—compound leaves, with winged petioles, very much resembling those of *Sapindus saponaria*. This plant has proved the most hardy of any West India tree we have yet tried. The tree is of slow growth while young, but eventually attains a height of 30 or more feet. It produces a yellow plum-like fruit; pulp of a pleasant grape taste, and enclosing a large seed, which is often roasted and eaten like the chestnut. 20 cents each, \$2 per dozen.

**MUSA**. The BANANA. This is one of the grandest *decorative* fruit-plants known. A plant that is grown throughout the tropics, bearing in lavish profusion most delicious fruit. At the present day the fruit is found in nearly every market in the world, no matter, seemingly, how distant from the tropics. The plant is already being grown to a limited degree in northern climates, and well it may, as it is as easily raised as the well-known canna, and the tropical effect of its growth is remarkably grand. With leaves often 2 feet wide and 8 long, it is destined to be largely planted on lawns. Young plants may be started at any season of the year, provided they are kept in sufficient heat—say not less than 70° day, and 60° or 65° night. The best time, however, is early spring, when they should be started in pots, and then, when warm weather comes, planted out. Or, plants may be transplanted directly from the nurseries, if the prevailing weather is suitable. Larger plants will be sent by express or freight than can possibly be mailed, as the roots are bulbous.

**M. Cavendishii** (*M. regia*, *M. Chinensis*, *M. nana*). The CHINESE or DWARF BANANA; also called DWARF JAMAICA. One of the best. Small, easily protected. 20 cents each, \$2 per dozen, \$15 per 100.

**M. orientum** (?). HART'S CHOICE, CUBAN LADY-FINGER, or GOLDEN EARLY. (Often erroneously called "Fig-Banana.") Stalk and midrib tinged with red; plant of medium height; bears early, and is very hardy for a Banana. Fruit a clear golden yellow; skin soft, and thin as a kid glove; flesh firm, yet melting and buttery in texture; judges from all parts of the tropics have tasted it and pronounced it unsurpassed. 20 cts. each, \$2 per dozen, \$15 per 100.

**M. palustris** (?). The DACCA BANANA. Very vigorous; described as a delicious sort. 50 cts. each, \$5 per dozen.



Young Banana Plant.

**MUSA**, continued.

**M. paradisiaca**, var. *sapientum*. The HORSE, or ORINOCO BANANA. (*El Bobo* of the Spanish.) Very hardy, and commonly cultivated in Florida. Fruit large, but comparatively few in a bunch. The fruit of this variety should never be cut while green, but allowed to turn yellow on the stalk, when it will be found to have a most delicious flavor. One of the best for planting out at the North. A robust variety. 15 cts. each, \$1.50 per doz., \$10 per 100.

**M. troglodytarum** (*M. Uranoscopas*). FLOWERING BANANA. A delicate, small-stemmed Banana, attaining a height of 6 to 10 feet only. The fruit stalk stands upright; fruit very small, inferior to most Bananas. 25 cents each.

Of the following we do not know the species:

**Apple**. A variety closely resembling Hart's Choice, but having larger fruit. \$1 each.

**Baracoa**, or Red Jamaica. The large red Banana of commerce; tender, but produces fruit in ordinary seasons here. One of the most magnificent of all the Musas, reaching a height of 20 feet or more, with a stem diameter of a foot or more at the base. 50 cents each.

**Golden**, or Tahiti (?). Brought from Nassau by John Gomez to Pumpkin Key, near Cape Romano. A most magnificent plant, equaling Red Jamaica in height, and bearing large and very rich fruit. 75 cents each, \$7.50 per dozen.

**Large Fig**. 75 cents each.

**Martinique**. The principal Banana of commerce, fruit of which is shipped everywhere in vast quantities. This resembles Hart's Choice in growth, but is larger. 75 cents each.

**Chene Chumpa Plantain**. A recent introduction of ours from India. Fruit not yet matured. A very large Musa. \$1 each.

On all Bananas by mail, postage will be charged extra at five cents each.

**PHYLLANTHUS Emblica** (*Emblica Officinalis*). "Known as the Emblic Myrobalan. A tree of the dry forests of India and Burma. The fruit is about the size of a small Damson. The natives eat it raw, preserved, or made into a sweetmeat, while it is used by Europeans for tarts and jellies." A magnificently beautiful plant, with very delicate compound, mimosa-like leaves. 50 cents each.

**PSIDIUM Guaiava**. The COMMON GUAVA. This species includes the *P. pyriferum* and *P. pomiferum* of Linnæus, which embraces many distinct varieties of pink, yellow and white-fleshed Guavas. *P. pyriferum*, the PEAR GUAVA, included those varieties that were pear-shaped and had white or yellow pulp; and *P. pomiferum*, the APPLE GUAVA, those with red pulp and a more nearly globular shape. The Guava has become a necessity to South Florida. Its uses, especially its famous jelly, are well-known. During the summer and autumn next, young plants, 10 cts. each, \$1 per dozen, \$6 per 100.

**P. Araca** (*P. minus*). The ARACA GUAVA. Brazil. "A beautiful tree, unlike any other." "Berry

**PSIDIUM**, continued.

greenish yellow, of exquisite taste." Shrub 4 to 6 feet. Rare. 75 cents each, \$6 per dozen.

**P. Guineense**. GUINEA GUAVA. Shrub 8 to 12 feet. "Berry fulvous, rather pubescent; red inside, about the size of a nutmeg, and of an exquisite taste."—*Don*. 25 cents each.

**Calcutta Apple Guava**. A variety of *P. pomiferum* from the East Indies. Introduced by us a few years ago. Fruit small, yellow, and very acid. Also bears in winter. For jelly, the best Guava. 20 cents each, \$2 per dozen, \$12 per 100.

**Yellow Apple Guava**. From Jamaica. Has different foliage from above, and is described as a very good sort. 25 cents each, \$2.50 per dozen.

For hardy Guavas, *Psidium Cattleyanum*, etc., see Semi-Tropical Fruit Plants.

**TAMARINDUS Indica**. The TAMARIND. (Spanish, *Tamarindo*.) A beautiful tree, with delicate, acacia-like foliage, and small pinkish white blossoms, followed by pods enclosing a pleasant acid pulp, much used, preserved in syrup or sugar, as the basis of a cooling drink, and in medicine, being rich in formic and butyric acids. A graceful tree for the window or conservatory, where it cannot be grown outdoors. Valuable as a decorative plant. 20 cts. each, \$2 per doz., \$16 per 100. Larger selected plants, 25 cts. ea.

**TERMINALIA Catappa**. The so-called tropical ALMOND. (Spanish, *Almendro*.) "With its flat stages of large, smooth leaves, and oily, eatable seeds in an almond-like husk, is not an almond at all, or any kin thereto." The tree reaches a height of 60 or 70 feet. Pot-grown plants, 35 cents each, \$3.50 per dozen.

**TRIPHASIA trifoliata** (*T. aurantiola*). "A spiny shrub, nearly related to *Citrus trifoliata*, with which it is often confounded, though entirely distinct. A native of Southern China, but now naturalized in India and the West Indies. The fruits are about the size of a large black currant, with a reddish skin; in an unripe state they are said to have a sticky, tenacious pulp and a turpentine flavor, but when fully ripe they have an agreeable, sweet taste, and are preserved in syrup. They occasionally come to this country in this form, under the name of 'Lime-berries.'" This little shrub is sometimes used as a hedge plant in Key West and Cuba. The fruit is produced in great profusion. In Key West it is known under the name of "Bergamot," which is another misnomer. 50 cts. each, \$5 per doz.

**T. monophylla** (?). Native of Timor. Berries black. Produces fruit at Sanford. 50c. each.

**XIMENIA Americana**. Tropical Asia, Africa and America, passing the tropics, however, in Queensland, and also into South Florida. In Mexico, known as *Alvarillo del Campo*; here called the HOG PLUM. The yellow, plum-like fruits are of pleasant taste. The plant is the *Amatunduluku* of Natal, where the fruits are generally used as food. 25 cents each, \$2.50 per dozen.

## Collections of Tropical Fruit Plants.

We make up collections of the foregoing plants to suit the location of our customers, sending the most suitable in every case. For the northern conservatory we, of course, send the finest in appearance, and ones that can thrive under adverse conditions. We do not confine ourselves to a set list, but choose for every applicant. If the customers will kindly state what sorts they already have, we will try and not duplicate them. This applies to all our collections.

**No. 1. Six distinct sorts**, postpaid, for \$1.

**No. 2. Ten distinct sorts**, very fine selection, \$2.

**No. 3. Twenty-five distinct sorts**, containing everything of merit; many rare and valuable fruits, for \$8.

All Tropical Fruit Plants, with the exception of Musa and Ananassa, are pot-grown, making transplanting certain and easy. Set all the plants from pots two to four inches deeper than formerly, and never disturb the roots. Summer or spring planting we consider best for all climates.



II.

# Semi-Tropical and Hardy Fruit-Trees and Plants.

"There are quaint courts enclosed with jealous high coquina walls, and giving into rich, cool, gardens where lemons, oranges, bananas, Japan plums, figs, date palms, and all manner of tropical flowers and greeneries hide from the northwest winds, and sanctify the old Spanish-built homes."—SIDNEY LANIER.

"—On bending orchard trees, apples of Hesperides."—WHITTIER.

## CITRUS aurantium dulcis. The SWEET ORANGE.

Our stock of orange and other citrus is already running very low (Dec. 1, 1896); but we offer a considerable quantity yet in small sizes.

**Centennial.** (Syn., *Hart's Pet.*) One of the best. Native. Rather early, but holds in perfection a long time. On rough lemon roots, 12 to 18 inches high, 25 cents each, \$2.50 per dozen.

**Jaffa.** Recently from Syria. Medium to late; very heavy and rich. On sweet roots, cut back to 30 to 40 inches high, 50 cts. each, \$5 per doz.

**Jaffa Blood.** A new blood orange originating at Sanford. Very choice. On rough lemon roots, 12 to 30 inches high, 25 cts. each, \$2.50 per doz.

**Majorca.** The best and most prolific imported orange. Tree thornless, good grower and fruit seedless. Will hold fruit very late. On rough lemon roots. Size and price same as Jaffa Blood.

**Parson Brown.** Native variety, which ripens very early. Productive. On rough lemon roots. Size and price same as Jaffa Blood.

**Ruby.** (Blood.) An imported orange of special merit. Said to bear well and show up rich color. New. On sweet roots; 2-year buds, cut back to 30 to 40 inches high, 50 cents each, \$5 per dozen.

**Tardiff, Hart's.** (*Hart's Late.*) Medium size.

## CITRUS, continued.

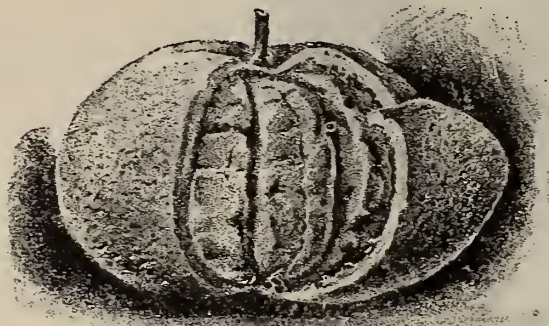
Grain fine, quality above the average. Retains juices until July, or even later, and is very valuable on this account. The standard late sort. Tree very prolific. On sweet roots, 2-year buds, good tops, 4 feet high, 50 cents each, \$5 per dozen, \$45 per 100.

**BUD-WOOD** of all sorts of Citrus trees, standard Oranges, Lemons, Limes, Pomelos, etc., 10 cents per dozen, 75 cents per 100, \$5 per 1,000, post-paid. New or rare sorts, 15 and 20 cents per dozen, \$1 to \$1.50 per 100.

## CITRUS aurantium nobilis. The MANDARIN ORANGE. Varieties:

**China.** (Syn., *Willow-leaved, Tomato, Kid-glove, Mandarin,* etc.) Small, flattened; deep yellow color, thin skin; skin and segments loosely adherent; flesh dark orange color spicy and aromatic. Tree dwarf, bears young, prolific, vigorous; willow-like foliage, having few thorns. On trifoliata stock, 1-year buds, 50 cts. each; seedlings, 2-years, 20 cents each.

**Cleopatra.** Spice Mandarin. Extremely prolific, and one of the best for pot culture. Fruit rather small, and very late ripening. Very handsome foliage. On trifoliata stock, 1-year buds, 40 cents each; seedlings, 2-years, 20 cents each.



Our New Lime, Sour Rangpur. (Reduced.)

**CITRUS**, continued.

**Dancy's Tangerine.** (Syn., *Bijou Moragne's Tangerine*.) Fruit a little larger than the China, which it resembles, except in its deep crimson color. Tree, unlike the other varieties, resembles the sweet orange in size and foliage, though it retains the aroma peculiar to the species; thorny. On trifoliata stock, 1-year buds, 50 cents each, \$5 per dozen, \$40 per 100; seedlings, 25 cents each.

**Satsuma, or Oonshiu.** A native of the island of Kiusiu, Japan, and named after one of the chief cities of that island by request of Mrs. General Van Valkenburg. The fruit is medium sized, flattened, deep orange color, smooth, thin skin, which is sweet, aromatic and easily detached from the pulp. Color of pulp dark orange; segments part freely; fine grain, tender, juicy, sweet and delicious. There is none of that peculiar rank odor which characterizes most other varieties belonging to the same class and species. The tree is perfectly thornless, the leaves peculiarly thick, lanceolate, serrated, medium, petiole linear, and the fruit is seedless. Habit reclinate and dwarfish. A slow grower. Most hardy of all oranges. On trifoliata stock, 1-year buds, 30 cents each, \$3 per dozen, \$25 per 100.

**CITRUS Japonica.** The KUMQUAT. A small species, much cultivated in China and Japan. The fruit is about the size of a large gooseberry; the rind is sweet and the juice acid. It is delicious and refreshing. The Chinese make an excellent sweetmeat by preserving it in sugar. A small tree, not



Fructing Branch of Satsuma Orange.

**CITRUS**, continued.

over 6 feet high and 5 feet through, had over 2,000 fruits on it during the past year. A fine pot plant. Bears when small, and is the most desirable Citrus for pot culture.

*Round-fruited*, on trifoliata stock, 1-year buds, 50 cents each, \$5 per dozen, \$40 per 100.

*Oval-fruited*, on trifoliata stock, 1-year buds, 40 cents each, \$4 per dozen, \$30 per 100.

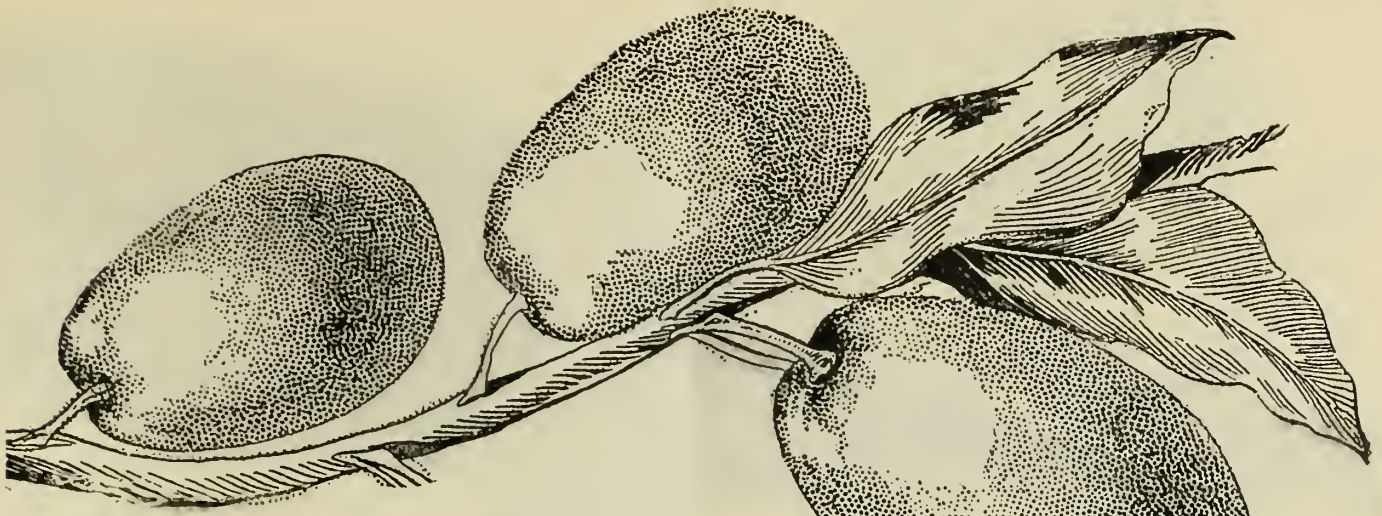
**CITRUS** —? The largely advertised Otaheite Orange of the florist and seedsman of Northern states. Rather dwarf tree, easily grown, early blooming, profuse bearer; fruit *valueless*, but ornamental. 20 cents each, \$2 per dozen.

**CITRUS limonum.** The LEMON. Of the large number of cultivated varieties we consider *Genoa* the best in all respects. Good trees, worked low on rough lemon roots, 25 cents and 30 cents each, \$25 and \$30 per 100; 1-year buds, on trifoliata stock, 40 cents each, \$4 per dozen.

Grown from cuttings, the lemon is remarkably fruitful, and especially valuable for pots or restricted locations. 1-year, 8 to 12 inches high, 15 cents each, \$1.50 per dozen, \$10 per 100; 2-years, 25 cents each, \$2.50 per dozen, \$15 per 100.

**CITRUS medica limetta.** The LIME. Varieties: **Sour Rangpur.** The "MANDARIN LIME." Resembles a Mandarin (orange) very closely, and has very rich colored pulp of finest acid quality and very distinct flavor. Most excellent for lemonade, or any purpose where a lime is needed. Our own introduction from India, some 8 years ago. On trifoliata stock, 1-year buds, 40 cents each, \$4 per dozen; seedlings, 2-years, 25 cents each, \$2 per dozen.





A Fruiting Branch  
of Oval Kumquat.

#### CITRUS, continued.

**Tahiti.** A smooth skinned, large sized fruit, resembling a fine lemon. Dormant buds (until March 1). On 2-year rough lemon stock, 20 cts. each, \$2.25 per dozen, \$16 per 100.

**Sour Turanj.** An immensely large fruit, resembling the citron, and useful in preserving. A great curiosity. The thick, sweet inner skin, eaten with the pulp, has been termed a "lemonade on the half-shell." From cuttings, 1-year, 12 to 18 inches high, 20 cents. each, \$2 per dozen.

**CITRUS medica trifoliata** (*Limonia trifoliata*). A very hardy, dwarf species, often used as a stock for dwarf orange trees. Trifoliolate, thorns very stout. (Entirely distinct from *Triphasia trifoliata*, for which see Tropical Fruits.) Recently being "pushed" as a fine Orange for outdoors at the North. Perfectly hardy, but the fruit is valueless and flowers insignificant. It is valuable for hedge purposes, withstanding cold and drouth to a great degree. 1-year, 6 to 10 inches high, 5c. each, 50c. per doz., \$3 per 100; 2-year, 20 cts. each; large stocky trees, 30 cts. each.

**CITRUS medica cedra.** The CITRON. This fruit produces the prepared citron of commerce. Fruit very large, often weighing 5 pounds or more. Inner skin 1 to 1½ inches thick. A low-growing shrub; rather more tender than the orange. Grown from cuttings. 1-year, 8 to 12 inches high, 15 cents each, \$1.50 per dozen, \$10 per 100; 2-year, good, 30c. each, \$3 per doz.

**CITRUS Pomelanus** (*Decumana*). The POMELO, or Grape-fruit. A most delicious fruit, rapidly being known over the northern part of our country. Fruit, in most cases, very much larger than oranges, pale yellow in color, with slightly bitter pulp; extremely wholesome fruit.

**Pernambuco.** A fine grained, late sort. Imported through the Department of Agriculture. Medium to large in size, and of best quality. 1-year buds, on trifoliata stock, 40 cts. each, \$4 per doz.; 12 to 18 inches high, on sour stock, 25 cts. each, \$2.50 per doz., \$20 per 100.

**Royal Pomelo.** A variety of our own introduction. Fruit small to medium. *Very sweet* and delicious. Free from the bitter principle to a wonderful degree. Can be eaten out of hand, like an orange. Good bearer. 12 to 18 inches high, on sour stock, 25 cts. each, \$2.50 per doz., \$20 per 100.

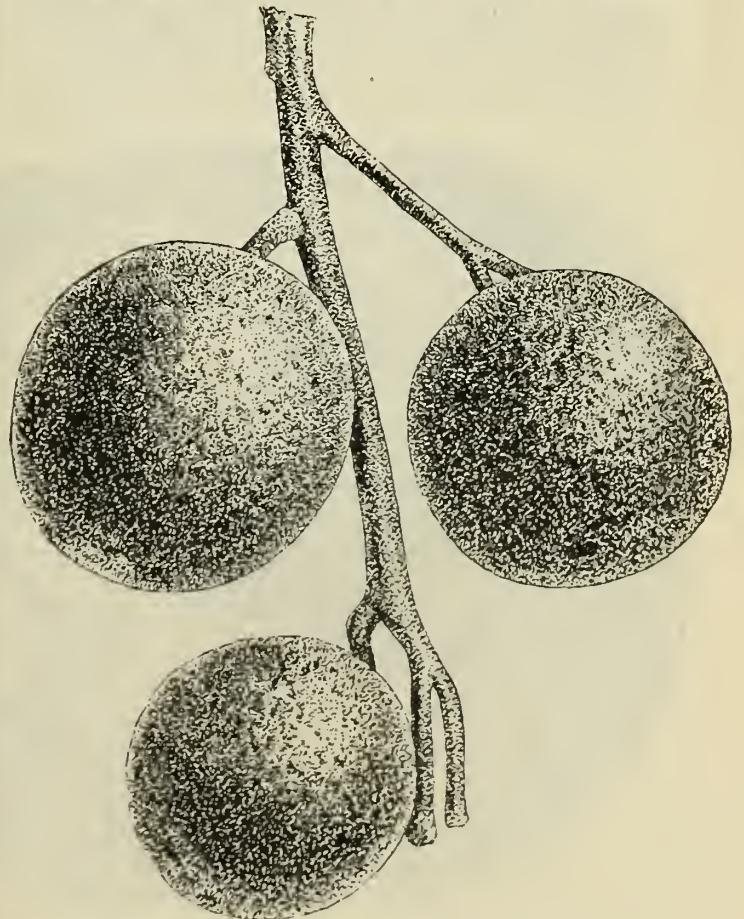
**Selected Common Pomelo.** Of best quality; from our best seedling trees. 1-year buds, on trifoliata stock, 35 cents and 40 cents each, \$3.50 and \$4 per dozen.

**Tresca Blood Pomelo.** Another sort of our introduction. Rich *rose colored* pulp. A great novelty, and destined to be largely planted. 12 to 18 inches high, on rough lemon roots, 30 cents each, \$3 per dozen.

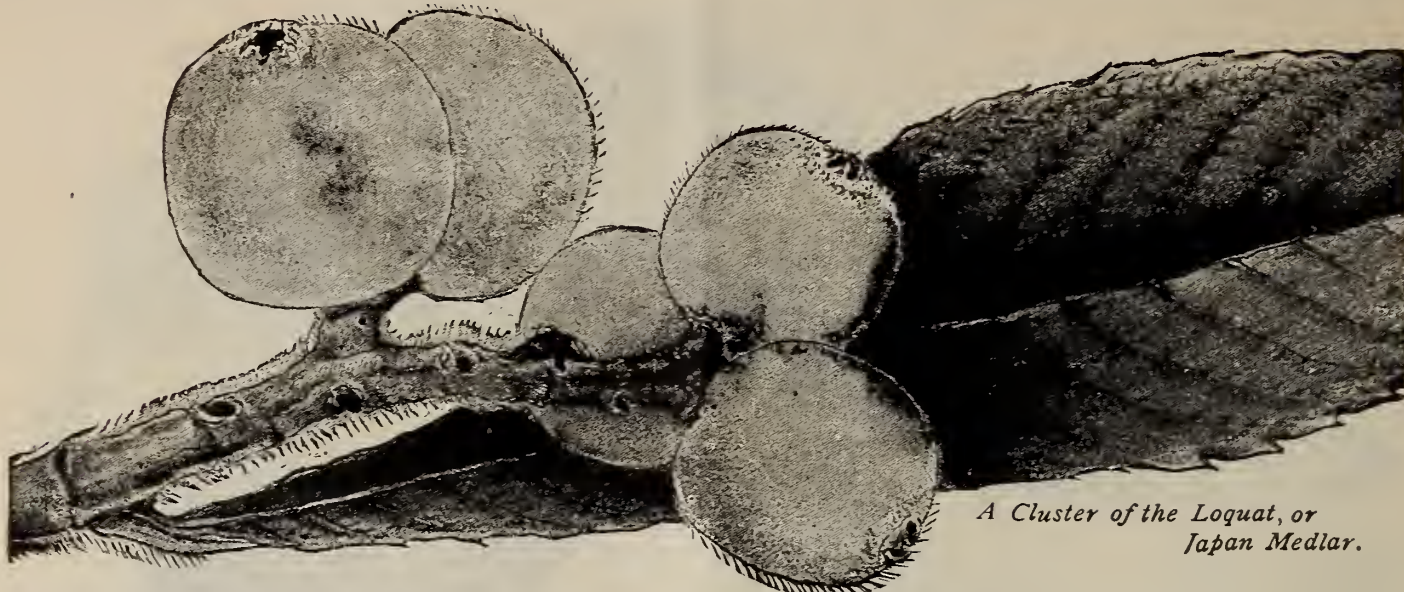
#### CITRUS, continued.

If Citrus are ordered by mail, small trees are selected. We will send four fine young trees: Satsuma, Kumquat, Genoa Lemon, and either a Sweet Orange, or Pomelo, postpaid, for \$1. One each, Sour Turanj, Citron, China, Kumquat, King Mandarin, and Otaheite, all on their own roots, postpaid, for \$1.

**DIOSPYROS Kaki.** The JAPAN PERSIMMON, or DATE PLUM. This tree has now been fruited in the South long enough to determine its value. The fruit is delicious; the tree grows and bears well, almost irrespective of quality of land; ripens from August to November. The surplus fruit can be dried, in which state it is consid-



Round Kumquat. (See opposite page.)



A Cluster of the Loquat, or  
Japan Medlar.

**DIOSPYROS, continued.**

ered superior to figs. Fruit ships well, and fair prices are usually obtained. The dark-fleshed sorts may be eaten before very ripe, as they are not astringent, while the lighter-fleshed ones are very astringent until perfectly soft. The latter sorts are seedless, while dark ones are more or less seedy. The trees are deciduous and should be set in winter, from November till March. The following are the very best varieties, grafted on native roots, and are true to name:

**Hyakume.** Very large and somewhat flattened at the ends; dark flesh, crisp and meaty; keeps well, and tree very prolific.

**Tane-nashi.** Large, roundish conical; skin bright red when ripe. Astringent until fully ripe, then one of the best.

**Yeddo-ichi.** Large, oblate, with slight depression at flower end; dark red skin; flesh very dark and quite seedy; quality very rich. Tree a good bearer.

**Yemon.** Large, flat, tomato-shaped, somewhat four-sided; flesh yellow and usually seedless; quality very fine; a favorite sort with us.

**Zengi.** Smallest fruit of all; round, with reddish yellow skin. Flesh dark and quite seedy. One

**DIOSPYROS, continued,**

of the earliest to ripen, and may be eaten while still hard.

Price of any sort, 30 cts. each, \$3 per doz., \$20 per 100.

**ERIOBOTRYA Japonica.** (Syn., *Photinia*, or *Mespilus Japonica*.) The LOQUAT, JAPAN "PLUM," or JAPAN MEDLAR. One of our most valuable fruits. Blossoming in winter the fruit ripens in early spring, and brings fancy prices in any large city. Is frequently shipped to New York in strawberry boxes. Has long been cultivated in the South, where it seldom attains a height of more than 15 feet, though in its wild state it forms a lofty tree. Was introduced into Kew Gardens in 1787. The fruit is of the size of a plum, yellow, and of delicious taste. One of our most beautiful broad-leaved evergreens. One of the finest ornamental plants for the house known. Resists gas, dust, drouth, soggy soil, and the many obstacles to successful plant-growth, well. Leaves are large and of a pleasing shade of blue-green. We consider it much finer than *Ficus elastica* as a decorative plant. Beautiful young plants, 1 year old, 10 cts. each, 80 cts. per dozen; larger plants, 15 and 25c. ea.

**EUGENIA Micheli.** The CAYENNE or SURINAM CHERRY. Also known as PITANGA. This valuable plant is hardy all over South Florida, and should be more grown; it shows an instance of a plant from the heart of the tropics being capable of standing several degrees of frost unharmed. It forms a bush or small tree, and produces quantities of a beautiful, cherry-like fruit with a delightful acid taste. Worthy of being planted most extensively throughout South Florida and California. Fruit in the greatest demand wherever known. We have a good supply of trees in nice condition; pot-grown, thus rendering loss by transplanting impossible. This is one of the best pot-plants for producing showy and edible fruit, and as it will grow under very adverse circumstances, it deserves more attention from lovers and growers of fruit. The leaves are small, glossy and evergreen. Fine, large, pot-grown plants, 25 cents each. \$2 per dozen, \$15 per 100. Second size, 15 cts. each, \$1.25 per dozen, \$10 per 100.

**FIGUS Carica.** The FIG. The Fig deserves far more attention in the South. It is one of the most delicious and healthful of fruits, and



Japan Persimmon.

**FICUS**, continued.

has been too much neglected in the past. Will give best satisfaction in a dry and (in Florida) rich location. In transplanting the Fig, care must be used in pruning, to see that sufficient top and roots are cut; the top should be cut almost to the ground (leave from six inches to a foot), and the fibrous roots and part of laterals shortened in closely. Treated this way it will grow off well. Some of the best sorts for outdoors or for tubs are the following:

**Brown Turkey.** Very productive, giving two and frequently three crops annually.

*The best for South Florida.* Very sweet, small-sized fruits. Also known as Celestial or Sugar Fig. 20 cents each, \$2 per dozen, \$15 per 100.

**White Adriatic.** A large, delicious, thrifty growing white Fig, said to produce the Erbelli figs of commerce. 25 cents each, \$2.50 per dozen.

**HICORIA Pecan.** The Pecan nut tree, so well known everywhere. Thrives over nearly the whole of the United States. Small trees, 25 cents each, \$2.50 per dozen.

**MORUS alba Chinensis.** The CHINESE MULBERRY. A very prolific and valuable large fruited sort; early. Fruit black. 25 cts. each, \$2 per doz.

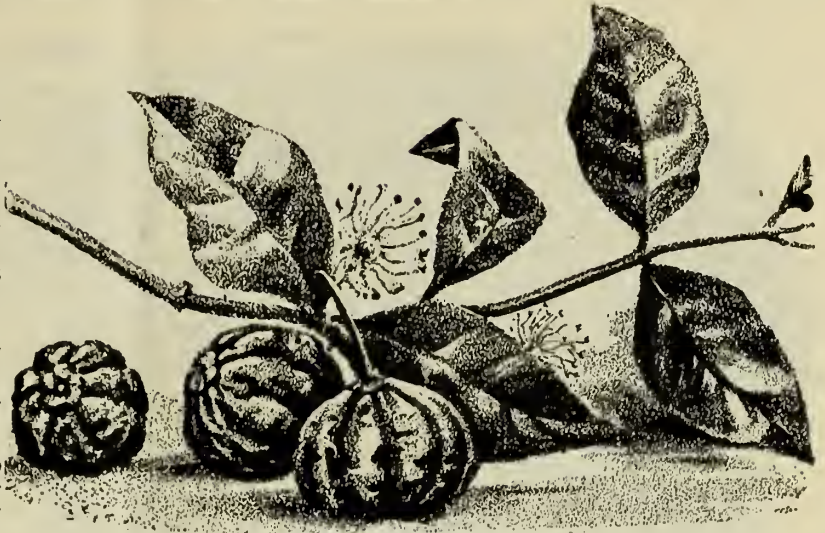
**Downing's Everbearing.** An old, well-known variety, bearing large fruit. 35 cts. each.

**French.** A medium early-to-late sort, of fine flavor and great productiveness. Fruit black, rich. 20 cents each, \$1.75 per dozen.

**M. alba muticaulis.** The WHITE or MULTI-CAULIS MULBERRY. The Mulberries are well-known and valuable trees for shade, timber and fruit, besides furnishing the food of the silkworm. This variety is the best or one of the best for silk worms. Leaves very large; tree a very rapid grower. Large trees, 15 cents each, \$1.50 per dozen, \$8 per 100.

**MYRTUS tomentosus** (*Rhodomyrtus tomentosus*).

The DOWNY MYRTLE. This pretty evergreen shrub is a native, of Northern India, and has been successfully cultivated for several years by Mr. E. H. Hart, of Federal Point, where it



*Surinam Cherry.* (Reduced.)

**MYRTUS**, continued.

fruits well. The fruits are red, of the size of a gooseberry, and of an agreeable, sweetish taste; The flowers are pink, five-petaled, and resemble in size those of the dog-rose. The plants can be grown after the manner of currant bushes; well worthy of cultivation as ornamental evergreens; blooms constantly for months, and is very showy. 15 cents each, \$1 per dozen.

**OLEA Europæa.** The OLIVE TREE. The Olive and its uses are too well known to need description. The tree will stand 10 degrees more of cold than the orange. It succeeds well in the South, and there are bearing trees in several places, notably at Dungeness, on Cumberland Island, on St. Simon's Island, etc.

**Manzanillo.** A sort much prized in California, and considered one of the best of the Olive family for pickling. 50 cts. each, \$5 per doz.

**Nevadillo Blanco.** Spanish variety. Fruit broad and ovate, an inch long. Quality and quantity of oil excellent. 50 cents each, \$5 per dozen; small, 25 cents each, \$2.50 per dozen.

**PRUNUS triflora.** ORIENTAL PLUMS. Are working a revolution in Plum culture in the South. With a proper selection, fruit may be gathered from June to September. We propagate on no other stock but the Marianna, and it never sprouts from the roots; it is, beyond all question, the best stock for the Plum that has ever been used, and all the Japanese varieties form a perfect union with it. Plant from November till March.

**Sweet Botan.** Large, round; purplish green skin; flesh yellowish and firm. Matures June 20 to July 5.

**Kelsey.** The best known sort; standard. Very large, greenish yellow fruit; quality excellent, very small pit; heavy bearer. One of the finest sorts.

**Burbank.** Smaller fruit than Kelsey, being usually 5 to 5½ inches in circumference. Color cherry-red; flesh deep yellow, firm and meaty. Quite rich. Clingstone.

**Abundance, or Yellow-fleshed Botan.** Large, round, with pointed apex. Skin yellow, washed with carmine and purple; flesh yellow, of apricot flavor. Ripens June 25 to July 5.

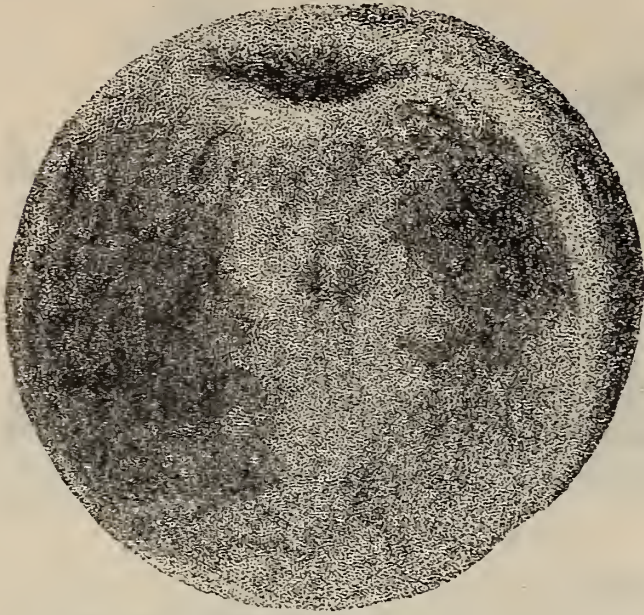
**Satsuma, or Blood Plum.** Large; skin dark, purplish red, mottled with bluish bloom; shape globular, or with a sharp point. Flesh firm, juicy, dark red, and well flavored. Tree vigorous and prolific. Matures rather earlier than Kelsey—about July 1 to 10.

Price, any sort, 20 cents each, \$1.75 per dozen, \$12 per 100. Large and first-class stock.

**PRUNUS Persica.** (Syn., *Amygdalus Persica*, *Persica vulgaris*.) The PEACH. The Persian type does not succeed in Florida, but from the more



*Brown Turkey Fig.*

*Bidwell's Late Peach.***PRUNUS, continued.**

newly introduced Chinese varieties general success is reported. The Peach delights in rich, well drained land, and in constant cultivation through the growing season.

The following sorts have been tried, and are the best for semi-tropical and tropical climates. Plant from November till March. Varieties:

**Bidwell's Early.** A seedling of Peen-to, with creamy white skin, washed carmine. Medium size, noyau flavor. Clingstone. Matures with the Peen-to, but lasts longer. Fine market sort.

**Bidwell's Late.** Large; nearly round; yellowish white; clingstone. Quality excellent, being sweet and juicy. Matures about 3 weeks later than Peen-to.

**Angel.** Large; skin yellow, washed with red; very handsome. The flesh is white, melting, and of exquisite flavor. Entirely free of noyau flavor, and a freestone. Ripens June 20 to 30.

**Florida's Own.** Large, round, of fine appearance. Sub-cling. Creamy white skin, splashed with carmine. Quality of the best. May 1 to 10.

**Oviedo.** A very excellent new Peach, of medium size, highly colored. Flesh light. Freestone. Ripens early in July.

**Peen-to.** Flat Peach of China. Too well known as the pioneer Peach of Florida to require description. Holds its place, and is largely planted. Under good cultivation and fertilization, a fine Peach. Ripens very early—May 1.

**Red Ceylon.** Of our introduction some 7 years ago. Originated from seeds sent from Ceylon. A fair sized fruit; blood red around the pit. Skin

greenish, with a red overcast. A perfect freestone. Bears very heavily annually. Fruit is more acid than the ordinary, and is utterly devoid of any bitter taste. The *very best* for cooking or preserving; a sure bearer and strong grower. Ripens in May and June.

**Waldo.** An early Peach, supposed to be a hybrid of Peen-to and Honey. Medium size, handsome, best quality. Freestone. Ripens with the Peen-to.

*Cattley Guava.***PRUNUS, continued.**

**Yum Yum.** Ripens with the Peen-to. Size medium; roundish oblong; yellowish white and carmine; flesh fine grained, sweet, juicy and melting. Sub-cling.

Good trees, all sorts, on Peach Roots only, 15 cts. each, \$1.50 per dozen, \$10 per 100.

**PRUNUS serotina.** The WILD BLACK CHERRY. A fine ornamental tree for Florida. Fruit well known, though of little value. 25 cents each.

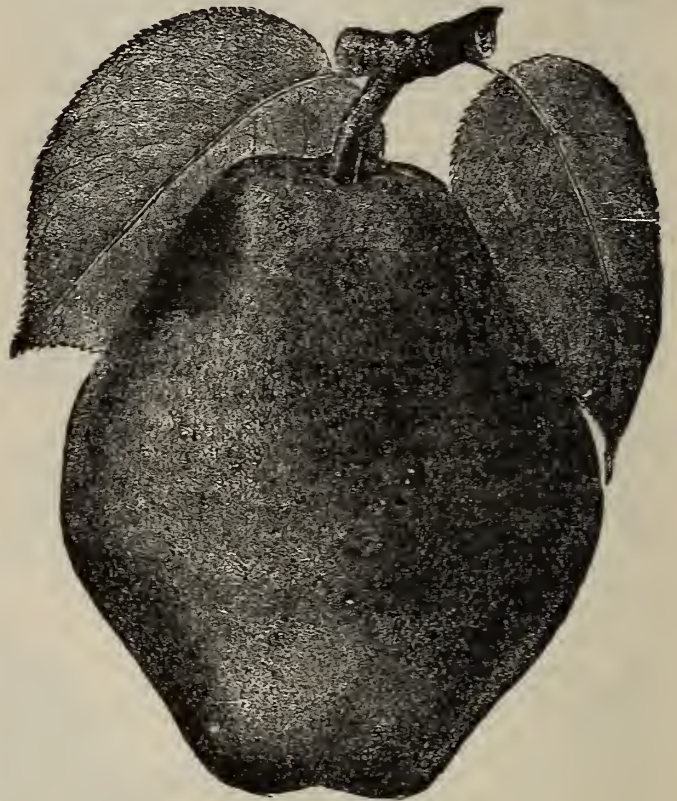
**PYRUS Cydonia** (*Cydonia vulgaris*). The QUINCE. Some varieties of the Quince grow and bear fruit well in South Florida.

**Orange.** Fruit large, round; valuable for preserving; luxuriant grower. 20 cents each, \$2 per dozen.

**PYRUS communis.** The PEAR. The following sorts have done well in South Florida as far as tried:

**Le Conte.** Matures in July and August. Tree requires at least 5 years before bearing. 25 cts. each, \$2.50 per dozen, \$20 per 100.

**Kieffer.** Bears young, large fruits of great value for cooking or preserving. Fruit superior to Le Conte, and borne in profusion. A decided success. 30 cents each, \$3 per doz., \$22 per 100.

*Kieffer Pear.*

**PSIDIUM Cattleyanum.** The CATTLEVA or STRAWBERRY GUAVA. The fruit is smaller than an English walnut, of a fine claret color, and with a flavor resembling that of a strawberry. Much better, to our taste, than the ordinary Guava, and likely to be held in better repute by those of the North to whom the "musky" flavor of the ordinary Guava is objectionable. As a jelly fruit, too, it is said to surpass the common Guava. Should be grown in rows like the currant, from 4 to 8 feet apart. Foliage thick and shining, resembling that of the camellia. Strong pot-plants, 15 cents each, \$1.25 per doz. Larger selected plants, 25 cts. each, \$2 per doz.

**P. lucidum.** The hardy YELLOW, CHINESE or COMMERCIAL GUAVA. A delicious fruit, resembling the Cattley; as hardy as, or more so; fruit yellow; foliage almost indistinguishable from that of the Cattley Guava. Grown more extensively than the preceding, and commonly called "Yellow Cattley." This is immensely

**PSIDIUM**, continued.

prolific, and grows in any soil. Strong pot-plants, 25 cents each, \$2 per dozen. In summer (and later) both this and Cattle Guava, 1-year, pot-grown, may be had. 5 cents each, 50 cents per doz.

**PUNICA granatum.** The POMEGRANATE. (Spanish, *Granada*.) Well-known and deservedly popular fruit and ornamental shrub. Attains the size of a small peach tree; flowers red (except in one variety), and very showy. Varieties:

**Double White.** Ornamental sort. Orange-red flowers, with petals edged with white. 25 cents each, \$2.50 per dozen.

**Spanish Ruby.** (Synonym, "Purple-seeded.") Large, and one of the best sorts. 25 cents each, \$2.50 per dozen.

**Paper-Shell.** A good sort; medium size, shy bearer. 30 cents each.

**Saharanpur Red.** A strain from N. W. P., India. Very excellent and quite meaty. Rather prolific for a Pomegranate. 25 cents each, \$2.50 per dozen.

**Sour.** Acid fruit, used only in making sherbet. 25 cents each.

**Sweet.** From the best ordinary strains of cultivated trees. 20 and 25 cents each, \$2 and \$2.50 per dozen.

**RUBUS flavus.** A grand new Raspberry of our own introduction from the Himalaya Mountains. Fruit yellow, borne in fine clusters, and very delicious. The only Raspberry which will thrive in Florida. A rank grower, our original bushes being exactly 10 feet high, with canes over an inch thick. This must prove to be a bonanza for Florida, ripening, as it does, in May. We cannot recommend it too highly to growers. The supply is limited as yet. 25 cents each, \$2.50 per dozen.

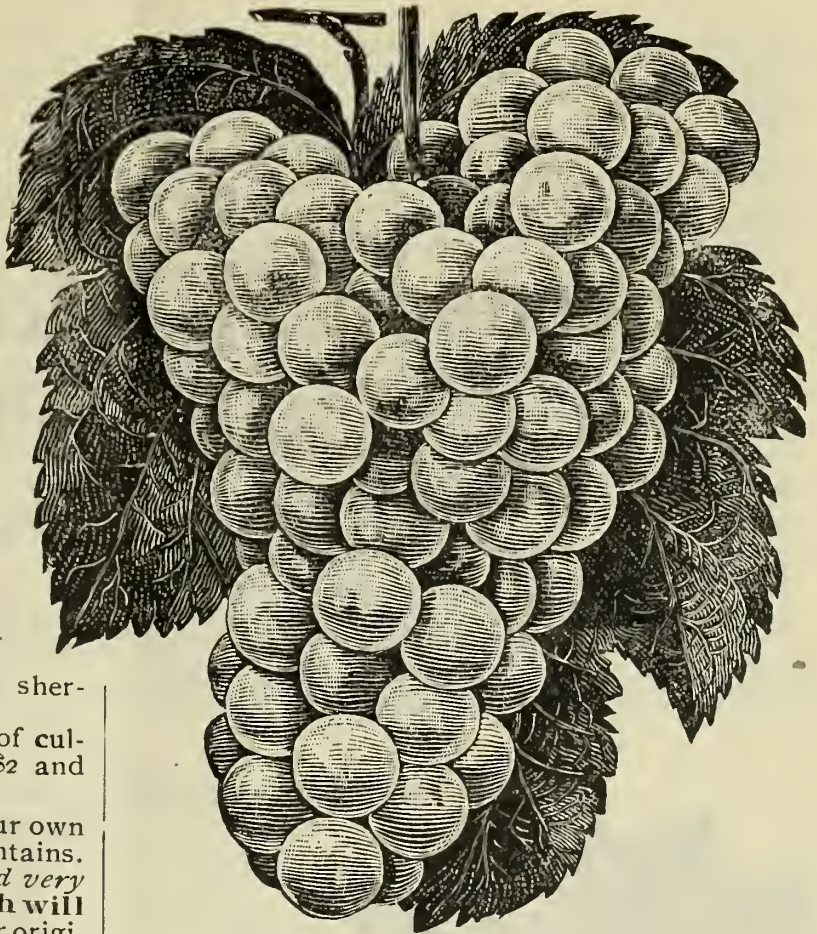
**R. trivialis.** SOUTHERN DEWBERRY. We have an excellent strain, superior for this climate to Lucretia, which we have named "Manatee." In cultivation this produces fruit at the extraordinary rate of 250 bushels per acre. As it ripens during April, it is valuable for shipping, which it stands well, and these qualities will



*Pomegranate Blossoms.*

The majority of plants and trees of this department require to be planted only during winter. Citrus trees, Loquats (if potted), Eugenias, Myrtus and Guavas may be set during the summer, or at any time.

For special collection offers, see end of Citrus.



*Niagara Grape.*

**RUBUS**, continued.

make it popular alike with growers and consumers. 10 cents each, 80 cents per dozen, \$5 per 100.

**VITIS.** The GRAPE. Of the endless varieties, the following are grown with more or less success throughout Florida, and are at home in the entire South:

**Agawam, Catawba, Concord, Cottage, Delaware, Isabella, Moore's Early, Moore's Diamond, Niagara, Rulander, St. Augustine.** Home-grown vines, 1 and 2 years old. 15 cents each, \$1.25 per dozen, \$8 per 100.

**Muscadine or Bullace Grapes.** Varieties:

**Scuppernong.** Bronze-colored. Very large and few in a bunch—not over 8 or 10. August or September. 20 cents each, \$1.50 per dozen.

**Thomas.** Purple. Large and rich, closely resembling the Scuppernong in flavor. 20 cents each, \$1.50 per dozen.

**VITIS vinifera,** or "HOT-HOUSE" GRAPES. Varieties:

**Black Hamburg, Chasselas de Fontainebleau, Flame Tokay.** Very fine table or raisin Grapes. 1-year vines, 20 cents each.

Set Grapes only during winter—from November till March—and if not already pruned before shipping, cut back the bunch Grapes to 2 or 3 eyes only. Set deep for best results. The first year allow but one cane to grow. "The second year cut this cane back to 4 buds, and again permit only one to grow. The third year cut back to 2½ or 3 feet, and train to a stake or trellis, leaving only 3 or 4 branches grow at the top; each year afterwards cut back, leaving only 3 or 4 buds of the previous year's growth. Muscadines do not need trimming, and should be trained on an arbor."

### III.

#### IMPORTANT

# Economical, Medicinal and Useful Plants

## TROPICAL AND SEMI-TROPICAL.

"Hal physics—certainly! Salts, rhubarb, senna, colocintida, scammony, gamboge."  
—COLMAN, in "The Poor Gentleman."

Those marked with an asterisk (\*) are capable of standing frosts.



Sprig of *Acacia Farnesiana*.

**ACACIA Farnesiana.** The POPINAC. "Dioscorides' Small Acacia. The scented flowers are much sought after for perfumery. This species may be utilized as a hedge plant; a kind of gum-arabic may also be obtained from it." 25 cents each, \$2 per dozen.

**A. Arabica.** The GUM-ARABIC ACACIA. "The 'Kikar' or 'Babur.' North and Central Africa, also in Southwest Asia, growing in dry calcareous soil. This small tree can be utilized for thorny hedges; it furnishes the best gum-arabic for medicinal and technical purposes. The lac insect also lives on the foliage, and thus in Sind the lac is mainly yielded by this tree." Grows very quickly in Florida, and, like the preceding species, is quite hardy. 25 cents each, \$2.50 per dozen.

**AGAVE rigida, var. Sisalana.** (Erroneously known as the "Maguey" plant in parts of Florida.) The SISAL HEMP. The *Cabulla* or *Sosquil Henequin* of Central America and Yucatan. Produces one of the most valuable known fibers for rope, cordage, etc. Introduced from Yucatan by Dr. Perrine in 1838; now naturalized, and found wild in some localities on the Keys.

When capital and manufacturing enterprise shall have been more directed toward the fiber interests of Florida, and people have begun to consider other sources of wealth than the all-prevailing orange, thousands of acres of otherwise worthless land will be planted out in

**AGAVE, continued.**

Sisal Hemp in South Florida, and its manufacture and culture will undoubtedly become one of the leading industries of the state. It is now attracting much attention in Florida and the West Indies. We are the most extensive dealers in these plants in Florida, having supplied them in lots of 100,000. Fine young plants, 10 cents each, 80 cents per dozen, \$4 per 100. Larger ones, 25 to 50 cents each. Lowest wholesale price per 1,000 is \$12. Our plants are recommended by Kew Gardens, England, as genuine.

For general collection of Agaves, Dasy-lirions, Fourcroyas, Yuccas, etc., useful and ornamental, see Tillandsias and Succulents.

**\*AMOMUM cardamomum** (*Elettaria cardamomum*). The true CARDAMON PLANT, producing the cardamon-seeds of commerce. Native in Ceylon, where it is extensively cultivated. Also much cultivated in Jamaica. Prefers a moist, half-shady spot; would thrive in parts of Florida. The plant has beautiful thick, broad leaves, and is considerably grown for ornamental purposes in northern conservatories. 15 cents each, \$1.50 per dozen.



*Agave rigida, var. Sisalana* (Sisal Hemp.)

\***ARALIA papyrifera** (*Fatsia papyrifera*). The CHINESE RICE-PAPER TREE. The pith of the stem of this curious plant furnishes the "rice-paper" of China. The plant is of most value, however, as an ornamental shrub or tree, and is admirably adapted to the soil and climate of Florida. Perfectly hardy as far up as Putnam county. Mr. E. H. Hart says of it: "It delights in a moist, half-shady spot; it is a good plant to screen the unsightly spot by the kitchen door; when in bloom it is superb, and every one stops to admire it." A native of the shady swamps of Formosa. Always a handsome plant, whether in bloom or not, on account of its magnificent leaves. 20 cents each, \$2 per dozen; larger, 40 cents each.

\***BAPHIA racemosa**. A South African tree, belonging to the Pea family. The wood is used in dyeing. 75 cents each.

**BIXA orellana**. The true ANNATO PLANT. The pulp of the seed vessels of the plant produces the Annato dye, so much used in coloring red. Known by the South American Indians as *Roucou*. 25 cents each, \$2.50 per dozen.

\***BROUSSONETIA papyrifera**. The PAPER MULBERRY. Islands of the Pacific, China and Japan. A large, hardy shade tree; of value also as an ornamental. 25 cents each.

**CALOPHYLLUM inophyllum**. East Indies. A large tree, reaching 90 feet (tender), with snowy white flowers. It reaches an age of 300 years. The bark, gum and fruit have important economical and medicinal uses, and in Java it is much planted as a shade tree for its elegant foliage and flowers. 40 cents each, \$4 per doz.

\***CAMELLIA Thea** (*Thea Bohea*). The CHINESE TEA PLANT. Hardy evergreen bush, easily grown anywhere in the lower South. One of the most valuable economic plants available for general cultivation over the South. Our soils all seem to suit it in a remarkable degree, and it will stand quite low temperatures, being more hardy than the olive. (See cut from photograph.) A large stock of young plants, pot-grown, enables us to offer it very low. 15 cents each, \$1.25 per dozen \$8 per 100.

**CASSIA fistula** (*Cathartocarpus fistula*). A handsome flowering tree from South Asia. The long pods also contain an aperient pulp of pleasant taste and of medicinal value. It is also used in the manufacture of cake tobacco. Many of the numerous species of Cassia produce *senna*. 20 cents each.

**CEDRELA odorata**. A large tree of the West Indies, which furnishes fine timber, sometimes called *cedar-wood*. The beautiful compound leaves are evergreen. Very choice tree for avenue purposes, in localities free from hard frosts. 15 cts. each, \$1.50 per doz., \$10 per 100. Larger, 40 cents each.

\***CINNAMOMUM Camphora** (*Laurus Camphora*, *Camphora Officinalis*). The CAMPHOR TREE or CAMPHOR LAUREL of China and Japan. This tree and the *Driobalanops Camphora* of Sumatra furnish the Camphor Gum of commerce. The tree is hardy in the lower Gulf states and in the south of Europe. It is a handsome broad-leaved



The Chinese Tea Plant.

**CINNAMOMUM**, continued.

evergreen. To prepare the Camphor of commerce "the root, trunk and branches, broken up, are treated with water in closed vessels, the volatilized Camphor being sublimated upon rice straw. It is further refined on its arrival in Europe." A rank-growing ornamental tree, thriving in the very poorest soil. Has been planted extensively in Florida, and is much sought for. Small, 1-year, 15 cts. each, \$1 per dozen. Larger plants, 25 and 50 cents each.

\***C. Zeylanicum**. The CINNAMON TREE. Ceylon. This is, perhaps, destined to be one of the leading economic plants grown in Florida. Of immense value, the annual product selling for millions of dollars, and the demand constantly increasing; we of the South *must* plant this valuable tree. Wide-spread interest is being manifested throughout the West Indies in this tree, and many are being planted, especially in Jamaica and Grenada. The trees should be planted about 10 feet apart each way, and cultivated for 3 years. At the end of this period, if trees have made satisfactory growth, (which they will do even in the whitest sand, "sand-soaked" soils, "flat-woods," "pine-barrens," or "hard-pan" lands), they are cut to the ground, and the bark by a simple process stripped from the branches. The stocks sprout like a willow, and succeeding years supply better bark from the rank water-sprouts. The tree is perfectly hardy and at home in Florida. We have a very large and fine stock of pot-grown plants. 18 inches to 2 feet, 25 cents each, \$2 per dozen, \$15 per 100; 10 to 15 inches, 15 cents each, \$1 per dozen, \$8 per 100.

**COFFEA Arabica**. The ARABIAN COFFEE PLANT. Native in the mountains of southwestern Abyssinia. First fruited in the United States, at least in the open air, by Mrs. Julia Atzercth, of Manatee. The shrub is a beautiful evergreen, with white flowers. Should be largely planted all over extreme South Florida, in any place protected from north winds and frosts. A fine stock of plants. Will bear at 3 years old. Large pot-plants, 2 feet or over, 50 cents each, \$5 per dozen. Small, but very nice, healthy ones, potted, 15 cents each, \$1.50 per dozen, \$10 per 100.

**C. Bengalensis**. The BENGAL COFFEE PLANT. Berries of inferior quality, but flowers very ornamental. 75 cents each.



Coffee Plant.

## COFFEA, continued.

**C. Liberica.** The LIBERIAN COFFEE PLANT. "This species attains the size of a real tree, is a rich bearer, and the berries are larger than those of the ordinary coffee bush." Growing in favor in coffee-producing countries. We have a very large stock of pot-grown plants. Small, from 2¼-inch pots, 10 cts. each, 80 cents per doz. Larger, selected, 20, 25 and 50 cts. each.

**CRESCENTIA cujete.** The CALABASH TREE. "A little further on was a tree with a round, dense head of glossy foliage, which in some respects was the most curious I had ever seen. And right there at a house, on a bench before my eyes, were buckets, dippers and ladles, made from Calabashes from this very tree."—*Charles T. Simpson*. A native of the West Indies and South America. 35 cents each, \$3.50 per dozen.

**DALBERGIA latifolia.** BLACKWOOD, or EAST INDIAN ROSEWOOD TREE. A magnificent evergreen tree, furnishing most valuable furniture wood. Of large size and quick growth, but tender as regards frost. 40 cents each, \$4 per dozen.

**\*DIOSCOREA alata.** The real WEST INDIAN YAM. Most valuable as a food product; the roots are found in all tropical markets. It is a vine, but should be trained on poles or brush, and not allowed on the surface of the ground. 15 cts. each, \$1 per dozen.

**\*EXCŒCARIA sebifera** (*Stillingia sebifera*). The CHINESE TALLOW TREE. "The fatty coating



*Sansevieria Guineensis.* (See page 19.)

## EYCŒCARIA, continued.

of the seeds constitutes the vegetable tallow, which is separated by steaming. The wood is so hard and dense as to be used for printing-blocks; the leaves furnish a black dye."—*Von Mueller*. A hardy and desirable shade tree of good form. Large, stocky trees in open ground, which should best be planted during cool weather. 25 cents each, \$2 50 per dozen. Smaller, but good, 20 cents each, \$2 per dozen.



*Ficus Elastica.*

**FICUS elastica.** INDIA RUBBER TREE. A valuable economic plant, mostly grown in Assam. Has been known to reach a height of 112 feet in 32 years. Can be grown in extreme South Florida without protection from cold. A fine decorative plant when small; grown extensively in the North. 75 cts. each.

**GARCINIA morelio.** The true GAMBOGE TREE. From Ceylon. The yellow resinous juice furnishes the well-known Gamboge. "Excellent as a pigment, and efficient as a purgative." A magnificent decorative plant, with thick, leathery, glossy leaves; the new growth rich wine-color. Rare, and of slow growth. Fine plants, 50 cents each, \$5 per dozen.

**GOUANIA Domingensis.** "CHAW-STICK" of the West Indies. A very rapid-growing perennial creeper. The stems are chewed as an agreeable stomachic: tooth-brushes are made from the frayed stems, and a tooth-powder from the pulverized wood. Possesses febrifugal properties. Pot-grown plants, 40 cents each, \$4 per dozen.

**\*GELSEMIUM sempervirens.** "CAROLINA JESSAMINE." A valuable medicinal plant. (See Miscellaneous Department.)

**HÆMATOXYLON Campechianum.** The true LOGWOOD TREE. (Spanish, *Palo de Campeche*.) It is quite probable that this celebrated tree will thrive in many parts of South Florida. Of very slow growth. 50 cents each.

**ISONANDRA Gutta.** Produces the best Gutta-percha of commerce. A tree from East Indies. Tropical. Large, very striking foliage, light green in color. First size, 50 cents each, \$5 per dozen; second size, 30 cents each, \$3 per dozen.

**JATROPHA Curcas.** FRENCH PHYSIC NUT. West Indies and South America. A large, ornamental-leaved plant of medicinal value. Attains a height of 20 feet. The seeds yield an oil resembling castor oil. The seeds said to be nutty and pleasant to eat, but when eaten to excess produce serious consequences. 350,000 bushels are annually exported from the Cape de Verde Islands for the expression of the oil. 25 and 50 cents.

**KOLA acuminata** (*Cola*, or *Sterculia*). The tree which produces the famed KOLA NUTS. Remarkable for their many virtues. A small piece of seed (or nut), if chewed before meals, is a promoter of digestion. It is also supposed to improve the flavor of anything eaten after it, and even to render putrid water drinkable. Powdered Kola is applied to cuts. Much has been written in the *Agriculturist* of this tree, but there seems to be many failures in getting plants. \$2 each.



**-MABA Natalensis.** One of the ebony-wood trees. Very rare. 50 cts. each.

**\*MARANTA arundinacea.**

The BERMUDA, or true ARROW-ROOT. Should be more cultivated in Florida, as with proper management it is a paying crop. 10 cents each, \$1 per doz., \$5 per 100.

**\*MYRICA cerifera.** Our well-known WAX-MYRTLE, from which a marketable wax is prepared. 25 cents each.

**\*PALIURUS aculeatus.** The CHRIST-THORN of Southern Europe. Native in the Mediterranean region. A hardy, quick-growing, low-branching shrub, commonly used for a hedge. has been found recently to be much superior to any hedge-plant for the South. Very spiny, it makes an impassible barrier for all domestic

animals. The fruit resembles a "head with a broad-brimmed hat on," giving rise to its French name, "*Porte-chapeau*." Seeds are medicinal. As a hedge, crops may be grown within 4 or 5 feet, as the roots do not extend far. Just what is needed for a cheap and effective fence. Plant during cool weather. First size, 20 cts. ea., \$1.50 per doz., \$10 per 100. Write for low prices for quantities.

**PARITIUM elatum.** MOUNTAIN MAHOE. A Cuban tree, reaching 60 or 70 feet, producing the celebrated and well-known "Cuba bast," for tying purposes, from the lace-like inner bark. 25 cts. each, \$2.50 per dozen.

**PIPER Futo-Kadsuro.** One of the PEPPERS from Japan. A variety not common. 50 cents each.

**SANSEVIERA Guineensis.** AFRICAN BOWSTRING HEMP. A quick-growing and valuable fiber plant of an exceedingly ornamental character. Leaves are sword-shaped, growing 4 or 5 feet high, beautifully mottled green and almost white. A good stock of plants in small, easily handled size, at 15 cents each, \$1 per doz., \$8 per 100, \$40 per 1,000.

**S. Zeylanica.** The BOWSTRING HEMP. As a fiber plant, this plant has been known and prized in India from remote antiquity under the name of *Murva*. Also extensively cultivated. Both varieties of Bow-string Hemp are being planted in South Florida, in frostless situations. Will doubtless prove a remunerative fiber crop, quickly coming into size available for cutting. A finer fiber than that produced by *Sisal* Hemp, and fit for more extensive uses. 15 cents each, \$1 per dozen, \$8 per 100, \$40 per 1,000. Extra large, 25 cents each.



*Sansevieria Zeylanica*

**\*SAPINDUS saponaria.** The TROPICAL SOAP BERRY. "The seed-vessels, known as soapberries, are used for washing purposes." 40c. ea.

**SEMECARPUS anacardium.** MARKING-NUT TREE from the East Indies. The black, acrid juice of the nut is used by the natives for marking cotton cloth. 40 cents each.

**SWIETENIA Mahogani.** The MAHOGANY TREE, celebrated for its valuable timber. West Indies, Central America and Mexico; Lower Florida Keys, where, however, it has never yet attained the vast size of its Central American congeners. Said to be of exceedingly slow growth, "hardly undergoing a perceptible increase of size in the narrow span of man's life." "The small plants are very handsome, and will flower under greenhouse culture at the North."—*Buist*. Flowers white, very pretty. 25 cts. each, \$2.50 per dozen. Larger plants, 35 cents. each.

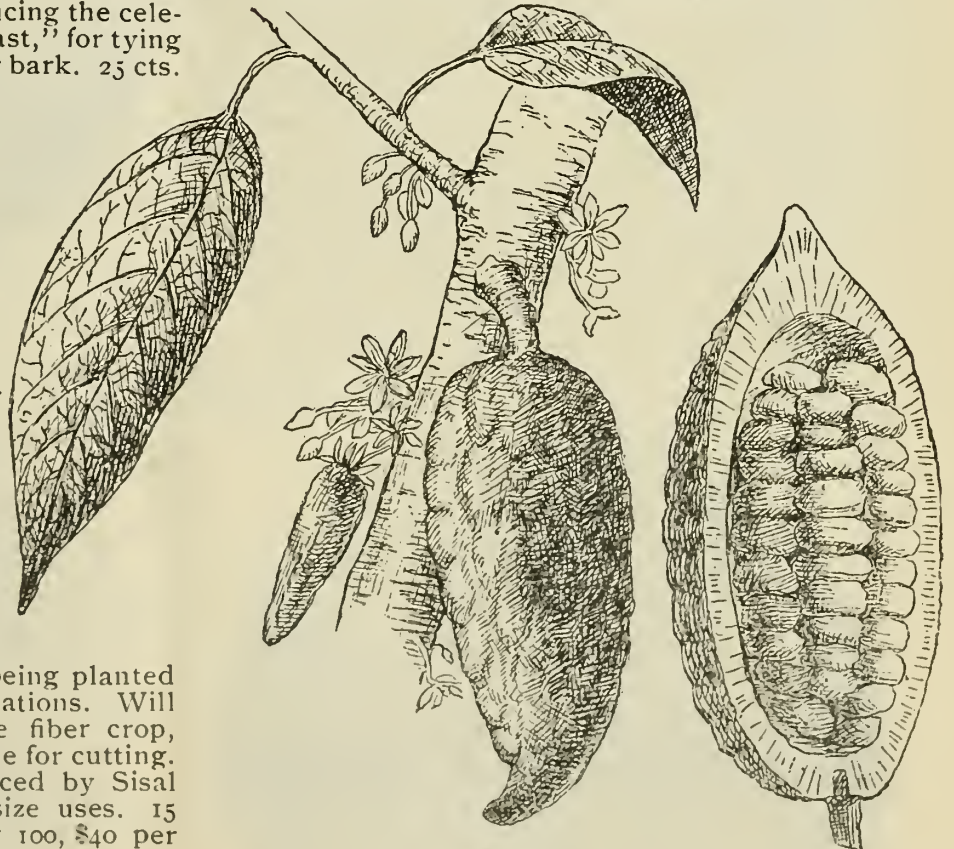
**TERMINALIA tomentosa.** A native of India, where it attains large size. Seeds contain a black dye, much used by calico printers for permanent color. 75 cents each.

**THEOBROMA cacao.** THE CHOCOLATE or CACAO tree. The chocolate of commerce is prepared from the seeds of this famous and beautiful tree. 50 cents each, \$5 per dozen.

**VANILLA aromatica.** VANILLA BEAN. (See Orchids.)

**\*ZAMIA integrifolia** (*Comptie*, or *Coontie*). A cycad, which furnishes a fine grade of starch used in puddings. Valuable also for ornamental purposes. (See Palms.)

**\*ZINGIBER officinalis.** The GINGER PLANT. Southeast Asia. Early introduced to Tropical America by Francisco de Mendoza. Thoroughly well known and valuable. Prefers half-shade, and a rich, loamy soil. 25 cents each.



*Fruit of the Theobroma or Chocolate Tree.*

A collection of nine of the economic plants will be mailed for \$1. We do not hold to a set list for any of our special collections, but use our judgment in sending the various plants to each location of purchaser. Customers may state what they already have in the particular line, whether economic plants, or palms, etc., and we will endeavor not to send duplicates.

Nearly the entire list of plants in this department may be planted at any convenient time of year. Most of them are pot-grown. We take pains to avoid sending plants of any sort at unsuitable times of year.

IV.

# Bamboos and Grasses.

## ORNAMENTAL AND USEFUL.

"Maud Muller, on a summer's day,  
Raked the meadow, sweet with hay."

—WHITTIER.

Those not strictly tropical, and which will bear frosts to greater or less extent, are marked with an asterisk (\*). Some sorts are hardy throughout the whole United States and South Canada.

**ANDROPOGON citratus.** The LEMON GRASS of India. Yields an essential oil for perfumery. Very handsome tropical grass; effective for borders, or as single specimens on the lawn.

\***ARUNDO donax variegata.** A beautiful Bamboo reed. The tallest of all the variegated grasses. Foliage beautifully striped white; leaves broad. The tall plumes are immense and showy, lasting a long time in perfection. Very fine for tubs or pots in restricted locations, as a balcony, veranda or window. 30 cents each, \$2.75 per dozen; smaller, 20 cents each, \$2 per dozen.

\***ARUNDINARIA falcata.** A rather dwarf-growing Bamboo, with exquisite, flat growths of small leaves. The whole effect of the plant is graceful and elegant. New. Will stand a great deal of cold, and is hardy throughout Florida and the lower South. 50 cts. each, \$5 per doz.

**BAMBUSA arundinacea.** The "THORNY BAMBOO" of India, growing 40 or more feet in height. Tropical, but may be grown in most of South Florida, as it quickly reaches large size, and protects itself from frost. It is thorny at the joints, and in India is used for tall hedges. Fine pot-plants, 25 cents and 40 cents each.

\***B. argentea.** A very hardy species from Japan. reaching 35 to 40 feet; under side of leaf is glaucous green, and the plant forms a noble



*Bambusa vulgaris.* (65 feet high.)



*Bambusa nana.* (10 feet high.)

**BAMBUSA, continued.**

object, even at an early stage; at first the canes are short and slender, but each crop of new ones is larger than the preceding. The top spreads out gracefully, and makes considerable shade. The canes can be used for fishing poles, or many other uses, being exceedingly tough and elastic. 40 cents each, \$4 per dozen.

\***B. argentea striata.** Exactly like the preceding, excepting that this has variegated foliage, green and white; a magnificent sort. 40 cents each, \$4 per dozen.

\***B. —?** Unnamed species, resembling *B. argentea* somewhat, but having rich yellow stems and larger leaves; very choice, and quite hardy here. 50 cents each, \$5 per dozen.

\***B. aurea.** Evidently from Japan. Hardy; sprouts from underground running roots, and is somewhat difficult to keep in a clump. By running a spade down very deeply around it, occasionally, these roots can be cut off, and the plant kept within bounds. Light green leaves, yellowish stems. Probably reaches 15 to 20 feet, in good soil. 75 cents each.

\***B. nana.** A handsome, broad-leaved dwarf species, rarely exceeding 10 feet in height. Very suitable for growing in pots for decoration of

## BAMBUSA, continued.

rooms, etc. The leaves are thick and strong, and very beautiful. Very choice plant, and quite hardy in Florida. 25 cents each, \$2.50 per dozen; second size, 20 cents each.

\**B. viridi-glaucescens*. Hardy new dwarf Bamboo from China. \$1 each.

*B. vulgaris*. "The large unarmed Bamboo of Bengal. It rises to a height of 70 feet, and the stems may attain a length even of 40 feet in one season, though the growth is slower in cooler climes. It has proved to be capable of resisting occasional night frost. It is the best for building Bamboo houses."—*Von Mueller*. Grown in many South Florida places now. Six-year-old specimens are usually from 40 to 50 feet high and extremely beautiful and plume-like. (See cut of one of our specimens at a gateway, page 20.) The quickest growing of any sort we have. Not very hardy. \$1 each, \$10 per dozen; good small plants, 50 cents each, \$5 per dozen.

\**CYPERUS alternifolius*. UMBRELLA PLANT. This beautiful hothouse grass attains a height of 3 or 4 feet. Is at home in Florida. A magnificent plant for house decoration, and may be either grown in ordinary soil or as a water plant. Fine plants, 15 cents, 25 cents, and 40 cents each.

\**ERIANTHUS Ravennæ*. Well-known ornamental grass. Large and handsome clumps are easily grown. Fine plumes; hardy grass. 25 cents each, \$2 per dozen.

\**EULALIA gracillima*. Very delicate and graceful, narrow-leaved plume-grass from Japan. Forms a fine clump, about 5 feet high (including flower-stems). 25 cents each.

\**E. Japonica zebrina*. "This is one of the most beautiful and distinct hardy plants in cultivation. Unlike all other variegated plants, this has its striping or marking across the leaf, instead of longitudinally. It grows from 5 to 7 feet in height, forming a most striking and graceful plant, resembling nothing else that we know of. The expanded flower-spike resembles the ostrich plume, and when dried will last for years. Plant entirely hardy. Whether used as a single plant or for groups on lawns, it has no equal." We have a large and fine stock of plants. 10 cents each, \$1 per dozen.



*Eulalia Japonica zebrina.*

## EULALIA, continued.

\**E. Japonica variegata*. "A hardy perennial from Japan, with long, narrow leaves, striped with green and white, throwing up stalks 4 to 6 feet high, terminating with a cluster of flower spikes on which the individual flowers are arranged; the flowers are surrounded with long silky threads, which, when fully ripe or placed in a warm room, expand, giving the whole head a most graceful and beautiful appearance, not unlike that of an ostrich feather curled." A more delicate grower than the preceding. Both forms of *Eulalia* are almost as handsome when very small as when full-grown. A good decorative window-garden or house plant for any location. 10 cents each, \$1 per dozen.

\**GYNERIUM argenteum*. PAMPAS GRASS. Grows luxuriantly in Florida; the large white plumes are well known. The form of a clump resembles a fountain of water, the leaves curling, and reaching to the ground on every side. 25 cts.

\**G. argenteum variegatum*. Striped green and white leaves. Rare. 50 cents each.

\**G. argenteum* var. *Purple-tinted* plumes. 25 cts.

\**G. argenteum* var. *Pink-tinted* plumes. 25c. ea.

*PANICUM molle* (Syn., *P. species*, *P. sarmentosa*).

The PARA GRASS. In our opinion one of the best fodder grasses for South Florida, especially for low land, rich or poor. A piece of low, waste ground planted to Para Grass in the spring (grass planted 4 feet each way) will give a good cutting of hay by July or August, and can be pastured the rest of the year. The grass spreads and covers the ground quickly, but is not easily controlled. Prepare the ground well before planting; the grass will do better if ploughed up once every year or two. If not pastured, several crops of hay can be cut in one season. This grass deserves more attention in Florida. A tropical grass, but can be grown anywhere in South Florida, as frosts merely



*Cyperus alternifolius.*

**PANICUM**, continued.

cut the tops. By mail, 25 cents per dozen, \$1 per 100 (very heavy). By freight or express, 30 cents per 100, \$2 per 1,000.

**P. excurrens.** One of the grandest of all grasses. The broad leaves (sometimes 6 inches wide, and averaging 3 to 4 inches) recurve gracefully from the center of the plant and overlap so closely that rain is excluded as from a roof. Very distinct and striking. Where known, this plant is commonly called PALM GRASS, as it resembles young palm leaves very much. Is much handsomer (and faster growing) than Curculigo. This is a magnificent grass for the lawn or border, and we heartily commend it to the attention of our Florida planters, or for house decoration. Frost browns the leaves, but does not kill it in Florida. 25 cents each.


**\*STENOTAPHRUM glabrum.** (*S. Americanum*.)

**ST. AUGUSTINE GRASS.** A native of the warmer parts of Asia, Africa and America. Called in Australia Buffalo Grass. The best lawn grass in Florida, though of no especial value as a pasture grass. Will grow on any land, rich or

**STENOTAPHRUM**, continued.

poor, high or low. Is green all winter, and naturally does not grow tall enough to demand frequent cutting with the lawn mower. Is not difficult to get rid of; can be easily killed or controlled with the hoe. Proves better for lawn than Bermuda in *many* localities, especially dry soils or deep shade. A success with us. Would undoubtedly prove valuable for binding sea sands or river banks. "It was this grass which Mr. John C. Bell reared with so much advantage for fodder on the bare rocks of the Island of Ascension."—*Von Mueller*. 50 cents per 100 cuttings, \$4 per 1,000 cuttings. By express, 40 cents per 100, \$3 per 1,000.

———(?) **ST. LUCIE GRASS.** A newly discovered lawn grass from the St. Lucie River country, on the east coast of Florida. It is a quick-growing, creeping species, resembling Bermuda Grass, but a trifle coarser. It is hardy and very vigorous, keeping green continually in winter and summer. 40 cents per 100, \$3 per 1,000. If by express, 30 cents per 100, \$2.50 per 1,000.

 A collection of five choicest Ornamental Grasses and Bamboos sent to any address for \$1.

Grasses and Bamboos may be set any time of the year when the soil is moist. On a large scale of planting, summer is to be preferred.



*Panicum excurrens.* (Young plant, not at its best.)

## HOW OUR STOCK TRAVELS.

We do not publish a long string of testimonials to tire our readers, but cannot refrain from printing a few, as fairly outlining the experience of our customers in general:

Dear Sirs—Your card, also plants, to hand; latter in excellent condition. \* \* \* \* \*  
TROPICAL NURSERIES, ANACOSTIA, D. C., Nov 4, 1896.  
Yours truly, JOHN H. LEY.

Dear Sirs—The Palms you sent me a month ago arrived in perfect condition, and are doing nicely. Accept thanks for the extras. I write now to ask you for a couple of catalogues. Many of my friends, who see my Palms, want your address, and I promised to send them your catalogue. \* \* \* \* \*  
DETROIT, MICH., Nov. 5, 1896.  
Yours truly, H. S. WARREN.

Dear Sirs—The plants arrived some days ago, in good condition. Thank you for the extras. \* \* \* \* \*  
GRASMERE, FLA., Sept. 30, 1896.  
Very sincerely, MRS. C. H. BAKER.

Gentlemen—The Palms I bought of you arrived in splendid condition, and were beyond all expectation. I did not surely not expect to get such large and fine plants by mail. \* \* \* \* \*  
TOLEDO, OHIO, September 5, 1896.  
Very respectfully, ED. MARTEN.



V.

## Aquatics.

“—The long stems  
Whose flowers the water, like a gentle nurse—  
Bears on its bosom.” \* \* \* \*

—N. P. WILLIS.

**ACORUS Calamus.** The well-known SWEET FLAG. Will grow to perfection in Florida. 25 cents.

**EICHHORNIA crassipes.** The WATER HYACINTH. A very interesting plant, which floats on the surface of the water until nearly ready to bloom, when the roots enter the soil, if in shallow water. The flowers are borne on spikes like a hyacinth, and are of a variety of shades (yellow center, lilac or blue petals), 2 inches across. Simply magnificent! A supply of flowers is constant during growing weather. The leaves form neat rosettes, and their petioles are curiously thickened and filled with air-cells, which enable the plant to float. 15 cents each, \$1 per dozen.

**EICHHORNIA**, continued.

**E. azurea.** A rare new species, just introduced. Does not float, like preceding, but roots firmly to the soil. Should be in 4 or 5 inches of water to do the best. Flowers smaller than in *E. crassipes*, but very rich blue. 20 cents each.

**LIPTNOCHARIS Humboldtii.** The WATER POPPY. South America. Flowers pale yellow, 3 petaled, 3 inches in diameter. They open in the morning, and last all day. Continually in bloom, and succeeds anywhere, in pond or tub. 20 cents each.

**MYRIOPHYLLUM proserpinacoides.** PARROT'S FEATHER, WINTER MILFOIL. An elegant little trailing plant, its long stems covered with

**MYRIOPHYLLUM**, continued.

whorls of delicate foliage. It is easily grown with other aquatic plants, and in tubs or tanks the stems can be trained to hang over the sides with pretty effect. 10 cents each.

**NELUMBIUM speciosum.** The SACRED LOTUS of the east. Succeeds well in a mud-bottomed pond or in a tub. Grows well in many Florida ponds and lakes. A hardy plant anywhere in the United States. Has lovely pink flowers; scented. 75 cents each.

**NYPHÆA Caroliniana.** A hardy, sweet-scented lily, flesh-pink in color. New. \$2 each.

**N. dentata.** This is a magnificent species from Sierra Leone, and the largest and best white variety grown; the buds are very long and pointed, opening horizontally, and at the same time as the preceding. The leaves are large, very rich green, with serrated edges. \$1 each.

**N. Devoniensis.** "This is one of the choicest, if not the choicest, Water Lily in cultivation. Under the liberal treatment which we recommend for producing the finest specimens, in one season a single plant will cover a circle 20 feet across, with leaves 25 inches in diameter, and flowers 12 inches from tip to tip of petals. If confined in pans, tubs or boxes, the flowers are smaller, but otherwise just as fine. The leaves are rich green, with serrated edges and occasional brown blotches. No person can form an adequate idea of the beauty of a red Water Lily until they have seen one of these gorgeous blossoms. They are rosy red (with scarlet stamens), glowing by lamplight with indistinguishable color."—*E. D. Sturtevant.* \$1 each.

**N. flava.** The rare yellow Water Lily of the St. Johns river. Free-flowering; 3 inches across. 40 cents each.

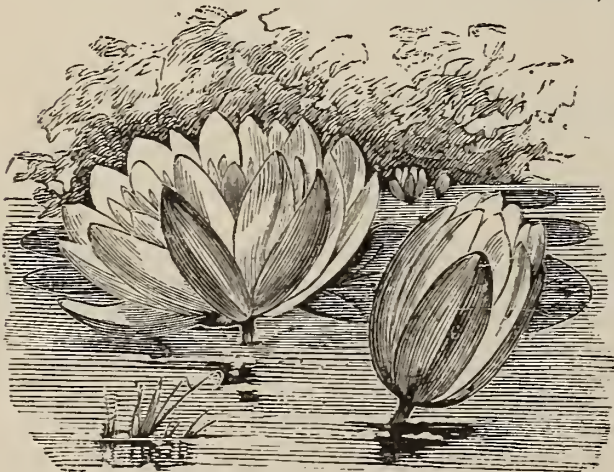
**N. Marliacea chromatella.** A grand new variety, and one that is perfectly hardy. The flowers are large, with broad cupped petals, very full, and of a beautiful clear yellow, a rare color in Nymphæas. The plant is a constant bloomer; flowers very fragrant and lasting. \$1 each.

**N. Marliacea rosea.** The same as the preceding, except that the flowers are a beautiful rose tint in color. \$1.50 each.

**N. odorata alba.** The white fragrant POND LILY. Succeeds universally. 30 cents each.

**N. odorata sulphurea.** Very choice hardy species, with charming yellow flowers. Floriferous and quite fragrant. \$1 each.

**N. Zanzibarensis.** A gorgeous everblooming sort from Africa, of the easiest culture. Succeeds anywhere and in almost any situation. Flowers beautiful blue and pink. Distinct colors, not



*Nymphaea alba odorata.*

The best time to plant Aquatics is during warm spring weather or summer. Nymphæas should be planted along the edges of ponds or streams in not over one foot of water, and manure can be dug into the soil with advantage.

A collection of five choice plants, our selection of sorts, for \$1. Remember, postage is paid by us on all plants ordered by mail.



*Limncharis Humboldtii.*

**NYPHÆA**, continued.

variegated. Either color, 50 cents each, \$5 per dozen.

**PONTEDERIA cordata.** Closely related to *Eichhornia*. One of the finest of our native aquatics. Rich blue flowers in spikes, which make a nice display because of their multitude. Fine for aquariums. 20 cents each, \$1 per doz.

**PAPYRUS Antiquorum.** This is the true Egyptian Paper Plant. From the snow white pith of its triangular stalks the first paper was made. They are 5 or 6 feet high, and support at the top a tuft of long, thread-like leaves, which give the plant an exceedingly graceful and striking appearance. It grows finely in shallow water, with rich soil or mud, and makes a splendid companion for flowering aquatics. It will also flourish and make a fine clump in the garden, with no more water than cannas or corn require to make them do well. (See also Economic Plants.) 50 cents each, \$5 per dozen.

**THALIA divaricata.** A magnificent native ornamental-leaved plant; deserving of extensive cultivation. The Thalias are appreciated in Europe, where they are used with cannas; musas, aloccasias, etc., with grand effect, but are practically unknown in America, where native. Leaves sometimes reach a height of 10 feet, on long petioles, some leaves measuring a foot wide by 2 feet long; heart-ovate in shape. Flower scape taller than the leaves, branching into paniced spikes of small purple flowers. Will grow in water, or on ordinary soil. A grand, quick-growing decorative plant for either house or lawn. Plant in spring, outdoors, in rich soil, and by July it will be 4 or 5 feet high, and display beautifully a mass of handsome shining green leaves, with red midribs. 20 cents each, \$1 per dozen.

**TYPHA latifolia.** The CAT-TAIL FLAG. A native of Europe and the East, but widely naturalized and largely grown, and exceedingly popular in the United States. A grand plant for scenic planting. Well adapted for planting in rather dry soils as well as damp ones. Strong plants, 20 cents each, \$2 per dozen.

The species of *Arum*, *Colocasia*, *Caladium*, *Alocasia*, *Musa*, *Maranta*, *Hedychium*, *Amomum*, *Zingiber*, *Iris*, *Canna* and others, can be grown with good effect on the low, moist ground surrounding lakes and ponds, and in similar damp situations.

VI.

# Conifers.

"Ho! ho! the burly Pine! Hurrah! Hurrah for the Pine! The oak may be king of the lowlands, but the Pine is the king of the hills—aye, and mountains, too.

"Ho! ho! the burly Pine! How he strikes his clubbed foot deep into the cleft of the rock, or grasps its span with conscious power! There he lifts his haughty front like the warrior monarch that he is. No flinching about the Pine, be it ever so stormy. His throne is the crag, and his crown is a good way up in the heavens; and as for the clouds, he tears them asunder sometimes and uses them for robes. Then hurrah again for the Pine! say I. \* \* \* \* \*

"He adorns his crown with a rich wreath caught from the sunset, and an hour after, he wears the orb moon as a splendid jewel upon his haughty brow. The scented breeze of the soft evening breathes upon him, and the grim warrior king wakes his murmuring lute, and oh! such sounds—so sweet, so soothing! Years that have passed live again in the music; tones long since hushed echo once more in the heart; faces that have turned to dust—but how loved in the old time!—glimmer among the dusky boughs; eyes that years ago closed on earth to open in heaven smile kindly upon us. We lie down in the dark shadow upon the mossy roots and are happy—happy in a sad, sweet, tender tranquillity that purifies the soul, and, while it makes us content with earth, fills us with love for heaven."—ALFRED B. STREET.

**ARAUCARIA Bidwelli.** A coarse-leaved, hardy species, reaching a great height when full grown. A very desirable evergreen tree, and well adapted to Florida and the South. Strong pot-plants, \$1.50 each.



*Cedrus Deodara.*

**ARAUCARIA, continued.**

**A. excelsa.** The best known of the genus, being grown for decorative purposes largely. Symmetrical growth of very delicate, fringed branches. Hardy enough to stand, with slight protection, the first years in South Florida. Nice plants, \$1 and \$1.50 each.

**A. imbricata.** The MONKEY PUZZLE. The hardest species, from Chili. Is capable of standing sharp freezing weather, and is grown all over the South as far north as Tennessee. Reaches a height of 75 to 100 feet, and forms a very striking tree. 75 cents each.

**CASUARINA torulosa.** The AUSTRALIAN PINE. Also known as the She-Oak, Beef Wood, or Swamp-Oak. Very rapid growing; foliage resembles the tamarix or cedar; form of tree slightly more spreading than the Lombardy poplar. 40 cents each, \$4 per dozen.

**CEDRUS Atlantica.** ATLANTIC CEDAR. From the Azores. A hardy, rare conifer, slightly resembling *C. Deodara*. Newly introduced. \$1 each.

**C. Deodara.** The DEODAR, or GREAT CEDAR of the Himalayas. Succeeds well in Florida. Probably identical with the Cedar of Lebanon; sometimes called by this name. 50 cents each. Small plants, 20 cents each.

**C. Libani.** The true CEDAR OF LEBANON. Very like the preceding, and probably identical. Small plants, 20 cents each, \$2 per dozen.

**CEPHALOTAXUS Fortunei.** FORTUNE'S CLUSTER-FLOWERED YEW. A dwarf Chinese conifer, reaching only 6 or 8 feet in height. Dark green, handsome leaves and good habit. Succeeds universally over Southern States. Small plants, 25 cts. each.

**CRYPTOMERIA Japonica.** "The SUGI, or JAPANESE CEDAR. Japan and Northern China. The largest tree in Japan, the trunks attaining 35 feet in circumference, and 120 feet in height. Stem long, clear, of perfect straightness; it is also grown for hedges; in Japan it yields the most esteemed timber,



*Cupressus Lawsoniana.*

**CRYPTOMERIA**, continued.

scented like that of Cedrela." Of particular use in ornamental plantings on well drained soils (especially light or sandy soils). Small plants, 20 cents each, \$1.50 per dozen. Larger plants, 50 and 75 cents.

**CUPRESSUS.** The CYPRESS. A genus of the most beautiful trees, varying in size from small to large in ultimate height. Particularly suited to Florida, magnificent specimens being found in various parts of the state. We have a choice stock.

**C. funebris.** FUNERAL CYPRESS, from China. Leaves are yellowish green, and branches pendulous, forming a very graceful tree of 50 feet in height under favorable conditions. Fine plants, 15 and 25 cents each.

**C. Lawsoniana.** A large, graceful tree, growing 100 feet high, from the Shasta and Scots valleys, California. A hardy variety, with drooping branches, the young ends curled like an ostrich feather. 30 cents each, \$3 per dozen; 1 year old, 20 cents each, \$2 per dozen.

**C. sempervirens.** CYPRESS of Western Asia and Southern Europe. A favorite tree in Mohammedan burial grounds, especially about Constantinople. Famous for the great age which it attains, and the durability of its timber, which is much used for musical instruments. "Young records the stem circumference of a Cypress at Lago Maggiore at 54 feet, and this was known even 600 years ago as a venerable tree."—*Von Mueller.*

10 to 12 inches high, 15 cts. each, \$1.50 per doz.  
 16 to 24 " " 25 " 2 50 "  
 24 to 36 " " 25 " 3 50 "

**C. sempervirens horizontalis.** Differs from above only in the growth being horizontal, instead of

**CUPRESSUS**, continued.

upright. Same prices as above (*in last, or largest sizes only, 25 and 35 cents*).

**C. sempervirens pyramidalis.** The PYRAMID CYPRESS. One of the best of the group. Quick growing for a conifer. Same price as *C. horizontalis*.

**C. torulosa.** A very beautiful, pyramidal, hardy, much-branched tree. 50 to 75 feet. Introduced from the Himalayas in 1824. Fine plants, 15 and 25 cents each.

**LIBOCEDRUS decurrens.** WHITE CEDAR of California, reaching in ultimate height 200 feet and in stem circumference 25 feet. Admirably adapted to tall hedges, and grows freely all over the South, and in Florida sand. 25 cents each, \$2.50 per dozen.

**RETINOSPORA.** JAPAN CYPRESS. This is a most interesting family of evergreens, mostly of dwarf habit, and particularly suited to small places. Many have yellow or white shades in the foliage, which makes them very showy. They transplant very easily.

**R. plumosa.** Shows plumes over the whole top, and makes a dense, well-formed small tree. Glaucoous green on under side of foliage and rich green above. One of the best. 15 cents each, \$1 per dozen. Larger, 25 cents each.

**THUJA aurea.** GOLDEN-TINTED ARBORVITÆ. Small plants, 25 cents each.

**T., Hovey's Golden.** From open ground; good young plants, 50 cents each.

**T. compacta.** A very dense-headed sort, with flat growths, opening like the leaves of a book. Very choice sort. 20 and 35 cents each.

**T. occidentalis.** AMERICAN ARBORVITÆ, or "White Cedar." A large bush or tree of fine form and comparatively quick growth during its earlier years. Specially valuable for hedges in the far North, as it is very hardy. 1 year plants, 15 cents each, \$1 per dozen.

**T. orientalis.** CHINESE ARBORVITÆ. Succeeds well in almost any location. Almost indispensable in decorative work of some kinds, and in ornamental hedge planting and general yard decorations. 15 to 20 inches high, 20 cts. each, \$1.50 per dozen, \$12 per 100; 20 to 30 inches high, 30 cts. each, \$2.50 per doz., \$15 per 100.

*Write for prices for large lots.*



*Chinese Arborvitæ.*

Part of our conifers are pot-grown and part in open ground. They seem to transplant very readily at almost any time of year. We prefer autumn and winter. Spring planting in the North may be all right, but in Florida it is too risky, on account of our usual drouth.

A collection of six choice evergreens from this department sent, postpaid, for \$1.



VII.

# Palms and Cycads.

“THE PRINCES OF THE VEGETABLE KINGDOM.”

“For it is a joy forever, a sight never to be forgotten, to have once seen Palms breaking through, and, as it were, defying the soft, rounded forms of the broad-leaved vegetation by the stern grace of their simple lines; the immovable pillar-stems, looking the more immovable beneath the toss, and lash, and flicker of the long leaves, as they awake out of their sunlit sleep, and rage impatiently for awhile before the mountain gusts, and fall asleep again. Like a Greek statue in a luxurious drawing-room, sharp-cut, cold, virginal; shaming by the grandeur of mere form the voluptuousness of mere color, however rich and harmonious; so stands the Palm in the forest — to be worshipped rather than to be loved.”—CHARLES KINGSLEY.

Palms form one of our specialties, and we grow many thousands of plants. They are all kept growing in pots, enabling them to be moved or transplanted at any time without trouble. We use *no heat*, and consequently our plants are in fit condition to be shipped every day in the year, and are healthy and stocky. Those marked with an asterisk (\*) are the more hardy species, being safe to plant outdoors in South Florida, Southern California, and all along the lower boundary of our country. For outdoor

planting we recommend their being set in spring or summer, so that they may be *established* before cooler weather. No class of plants makes such a grand display as this, and to hurry specimens into large size, no trouble should be spared in care. Make the soil very rich, by the use of *any* manurial element. A plant in open ground *cannot be fertilized too heavily!* Where dry, mulching and watering must be attended to, in their earlier stages; *later, they can take care of themselves!*

**ARECA lutescens.** From India. A remarkably fine decorative Palm. Pinnate-leaved, and very useful in all decorations. Foliage light green, and midribs and stems yellow; without thorns. Very choice for apartments, or any decorative work. Fine plants, about 18 inches high, 50 cents each; 2 feet, 75 cents each; 3 feet, \$1 each; 3½ feet, \$1.50. Small plants, 10 cents each, \$1 per dozen.

**ACROCOMIA Havanensis (?)**. “COROJO PALM.” Cuba. \$1 each.

\***A. sclerocarpa.** A hardy South American variety, growing 30 feet high. Very choice, and adapted to Florida. Spiny, pinnate leaves. \$1 each.

**ARENCA saccharifera.** The celebrated SUGAR PALM of India. “This Palm attains a height of 40 feet. The black fibers of the leaf-stalks are adapted for cables and ropes intended to resist wet very long; the juice is converted into toddy or sugar; the young kernels are made with syrup into preserves. This Palm dies as



*Areca lutescens.*

*Caryota urens.***ARENKA**, continued.

soon as it has produced its fruit; the stem then becomes hollow, and is used for spouts and troughs of great durability. The pith supplies ago, about 150 pounds from a tree."—*Von Mueller*. Pinnate-leaved. Strong plants, \$3 each.

**ATTALEA Cohune** (*Cocos lapidea*).

Guatemala. "This is the most conspicuous Palm on the bottom-lands of the Chocon River and along the Rio Dulce, and probably attains the largest size of any native species in Guatemala. It is known as the COHUNE, MONACO or COROZO PALM, these names being variously applied to different stages of its growth. The blade of the leaf is 15 to 20 feet long, vertical in position, and describing a most graceful curve, its numerous divisions entirely distinct (an inch broad or more, and an inch or two apart), and conduplicate at base. The leaves are used for thatching."—*Sereno Watson*. A notable and unique Palm. Strong plants, \$1 each.

**BACTRIS horrida**. Central America. A thorny Palm, with pinnated fronds and pinnules of a distinct form. Rare. \$2 each.

**CARYOTA urens**. The KITTUL, JAGGERY, WINE or TODDY PALM of India; derives its name from the wine and sugar made from the flower-spikes. The tree is said to be large and very beautiful. The species of this genus are favorites in cultivation, as this is one of the few with bipinnate leaves. There are but few Palms with these queer leaves, *Wallichia* and *Martinezia* being the only other genera represented in our entire collection. Strangers first noticing specimens having perfectly formed leaves remark that "some one has been trimming those leaves with scissors." Small, 15 cents each; with character leaves, 25 cents, 50 cents and 75 cents each.

**\*CHAMÆROPS excelsa** (*Trachycarpus*). From Southern China and Japan. Very hardy, having stood three degrees Fahrenheit with but

**CHAMÆROPS**, continued.

slight covering. One of the very best Palms for house-culture in cool climates, forming a fine specimen, standing ill usage remarkably well. Very handsome palmate leaves. 15 and 25 cents each.

**\*C. humilis**. The dwarf FAN-PALM of Southern Europe, Northern Africa and Southwest Asia. A very hardy and desirable Palm. Good plants, 25 and 50 cents each.

**\*C. humilis** × **hystrix**. Choice garden hybrid, of Florida origin. A few only. 25 cents each, \$2.50 per dozen.

**\*C. farinosa**. A distinct and hardy form. 25 cents each, \$2 per dozen.

**\*C. hystrix** (*Rhapidophyllum hystrix*. Wend.). "A stemless species, growing sparingly on moist spots in portions of Florida and lower Georgia. The leaf, of a green above and silvery grey below, is deeply slit into narrow ribbons, the points of which, spurred on the one side, are slightly bifid, and the edges of the slender petioles are roughened with minute prickles. It is a beautiful leaf."—*E. H. Hart*. This is one of the most hardy of Palms, and in European catalogues is priced extremely high. Small seedlings, 20 cents each; large plants, showing character, 1 to 2 feet, 50 to 75 cents each. Specimens 2½, 3 and 4 feet high, \$3, \$5 and \$6 each. Well furnished with fine leaves.

**\*C. littoralis**. Small plants of this hardy Palm, only 20 cents each, \$2 per dozen.

**\*C. robusta**. A sub-variety of *C. humilis*. 50c. each

**\*COCOS australis**. This beautiful and hardy Palm, from Southern Brazil and Uruguay, is at home along our Gulf Coast, and, in fact, all our Southern border from Florida to California. Leaves pinnate, blue-green, and recurved; tree attains a height of 25 to 35 feet. 30 cents each.

**\*C. campestris**. Hardy, feathery-leaved species. 30 cents each.

**\*C. flexuosa**. Quick-growing sort, closely allied to *plumosa*. Very choice. Small, 50 cents each. □

**C. nucifera**. The COCOA-NUT PALM. Well known for its nuts, oil and fiber. In tropic around the globe, and extending outside of the tropics in many cases. Found wild at Biscayne Bay and on some of the Florida keys. Thousands of trees are being planted out

on the keys and up along Indian River, also along the west coast. Will bear but little frost, and is only available as an ornamental plant north of Charlotte Harbor. If by mail, \$1 each. By express or freight, 50c. each, \$5 per dozen.

*Cycas revoluta.**Chamærops excelsa.*

*Phoenix sylvestris.*

HARDY PALMS IN FLORIDA.

*Cocos plumosa.*

## COCOS, continued.‡

- \**C. plumosa*. Found to be perfectly hardy anywhere in South Florida. A very beautiful, quick-growing, graceful tree, with long, pinnate leaves, and grey, ringed trunk. A handsome specimen is illustrated above. Specimens at 6 years of age attained a height of 18 to 20 feet. Grand for avenues in sub-tropical regions. Reaches 50 feet ultimately. 50c. ea., \$5 per doz.
- \**C. Romanzoffiana*. Resembles the above very closely. Perhaps not so hardy. 75 cents each.
- \**C. Weddelliana*. A most elegant Palm, adapted for decorations of all sorts. The plant is dwarf and neat; leaves whitish green on under side, and arching out gracefully. Adapted for table use especially, being so small and perfect. Not hardy here outdoors, we think. 50 cents each, \$5 per dozen.
- C. Yatai*. Another hardy species of the *C. australis* type. 30 cents each.
- \***CORYPHA Australis**. "The best of the foreign Fan-Palms is *Corypha (Livistona) Australis*,

## CORYPHA, continued.§

- of Australia, which grows rapidly, attains a height of 100 feet, and is nearly as hardy as our cabbage palmetto."—*E. H. Hart*. "A fan-leaved Palm of great beauty. Being of robust constitution, withstands without injury a low temperature; it is well suited for the decoration of apartments. The fan-like leaves are dark green, supported upon brown petioles, which are armed at their edges with stout spines." 20 cents, 35 cents and \$1 each.
- CYCAS circinalis**. An elegant East Indian sort, sometimes having leaves 6 to 12 feet long. Introduced into Europe in 1800, and always a *very scarce* plant. \$5 each.
- \**C. revoluta*. The so-called SAGO-PALM. Perfectly hardy in Florida. Of slow growth, and very beautiful. Sometimes called the Japanese Fern Palm. The trunks of Cycas admit of translocation, even at an advanced age, and, like the stems of many kinds of tree-ferns, they can be shipped on very long voyages, packed



*Kentia Forsteriana.*

**CYCAS, continued.**

as dead goods in closed wood cases, deprived of leaves and soil, for subsequent revival in conservatories. The leaves of this Palm are much used by florists in the arrangement of funeral work. Of great value for scenic planting. Perfectly hardy in South and Middle Florida, and even as far North along the coast as Savannah. Probably the best known of all Cycads, and one of the grandest decorative plants in the world. We have a very fine, clean stock of plants in all sizes. Small, 1 year old, 10 cents each, \$1 per dozen. Larger, 15 cents, 25 cents, 35 cents, 50 cents, 75 cents and \$1. (From 10 to 30 inches high.) Grand specimens, beautifully furnished, \$2, \$3, \$4, and \$5.

**DICTYOSPERMA.** A genus of Palms commonly included with *Areca*. Pinnate-leaved; handsome, and of rapid growth.

**D. alba.** Light green leaves. Small. 20 cents.

**D. rubra.** Dark green leaves, with red edges. Handsome. Small, nice plants, 20 cents each. 12 to 18 inches high, 50 cents each.

**\*DION edule.** A rare Mexican Cycad. The leaves are blue-green, sword-shaped, and the pinnæ very sharp. They resemble *Cycas revoluta*, and produce many seeds, from which starch is obtained. The plant is very handsome and ornamental in appearance, but is of slow growth. \$1 and \$2 each.

**ENCEPHALARTOS.** "Cycadaceous plants, allied to the *Cycas*, and the most conspicuous and odd in form of all Palm-like plants; very showy for Palm-houses and conservatories—even small specimens show their peculiar habit."—*H. A. Siebrecht*.

**\*E. Caffra.** "This is the species from which the Kaffir tribes of South Africa make the caffer bread. From the summit of the massive trunk arise the leaves, which are pinnate, 3 to 4 feet long." Price of large plants, \$10 each.

**E. brachyphyllus.** "The whole plant has a bluish-green tinge, paler on the under side. This is a very handsome species, with somewhat of the

**ENCEPHALARTOS, continued.**

habit of *Cycas revoluta*." Large specimens, \$25 each. Nice small plants, \$3 each.

**E. villosus.** "This is a very handsome plant. The petioles and scales of the stem are clothed with a dense tomentum. Both sides of the leaves are bright green." Cannot state whether these last two sorts are hardy outdoors here or not. Good specimens, \$15 and \$25 each.

**GLAZIOVA insignis (Cocos).** Very handsome decorative Palm, having dark green, pinnate leaves, with a dense grey or reddish tomentum on under side. Choice and rare. 50 cts. each.

**GUILIELMA speciosa.** South America. The **PIRI-JAO, or PEACH PALM** of the Amazon. "This most picturesque and elegant Palm has a slender, cylindrical stem, thickly set with long needle-shaped spines, disposed in rings or bands. It reaches a height of 60 feet, and grows quite erect, though in exposed situations it becomes curved and waving. The leaves are very numerous, terminal pinnate and drooping, forming a nearly spherical crown to the stem. And the leaflets, growing out of the midrib in various directions, and being themselves curled and waved, give the whole mass of foliage a singularly plummy appearance. The fruit is the size of an apricot, of a triangular oval shape, and a fine reddish yellow color."—*Wallace*. The fruit is edible, and in most cases is simply a farinaceous mass without seed—a mark of long cultivation. Nice plants, \$2 each.

**HYOPHORBE Verschaffeltii.** From Mauritius. A tall-growing, graceful, pinnate-leaved Palm, having yellow stems and midribs. Very distinct and ornamental, even when small. Will bear little frost. "The Palms comprising this genus are all massive and elegant objects, well deserving cultivation."—*B. S. Williams*. \$1.50 to \$5 each.

**KENTIA Forsteriana. (Howea.) UMBRELLA PALM,** from Lord Howe's Island. Beautiful pinnate-leaved Palm, of great value in decorations. Resembles *Areca lutescens*, but darker green. Young plants, 30 cts. each; larger, 50c. and \$1.

**LIVISTONA rotundifolia.** A most elegant Fan-Palm, of dwarf and delicate habit, especially valuable for table decoration. Leaves are closely set and gracefully recurved. \$1 each.

**\*LATANIA Borbonica (Livistona Sinensis, L. Mauritian).** The **CHINESE FAN-PALM.** South China. The most popular Palm in cultivation for decorative work, and perhaps deservedly so, as it stands neglect well, a considerable



*Latania Borbonica.*



*Phoenix Canariensis.*

**LATANIA**, continued.

amount of cold, and is one of the handsomest of the Fan-Palms. The palm-leaf fans of commerce are made from the leaves of this species. The Palm will be more beautiful when young, with a richer, darker green foliage, if grown in partial shade, but with age it will stand any exposure without yellowing, and ultimately attain a great size. Small, 1 year, 15 cents each, \$1.50 per dozen. Larger, showing character, 25 and 50 cents each. Fair specimens, 2 feet high, 75 cents and \$1 each.

**L. Commersonii.** An elegant Fan-Palm from Mauritius. Leaves are deeply divided, the segments finely toothed, edged with a dark chocolate red, same color extending to the petioles. A well-grown plant makes a rich appearance. Rare. \$2 and \$3 each.

**LICUALA elegans.** A superb tropical Fan-Palm, dwarf, and eminently suited for  *jardinières*. Leaves deeply divided; Small plants, 50c. ea.

**L. Rumphii.** A choice and rare sort from Borneo, its full height not over 6 feet. Palmate leaves and spiny stems. Very small only, 25 cts. ea.

**MARTINEZIA Caryotæfolia.** "New Grenada. An elegant greenhouse species, the foliage of which resembles the Caryotas, or Fish-Tail Palms; but unlike them, the petioles and veins of the pinnæ are armed with strong black spines." Fine young plants, \$1 each; specimens, \$1.50, \$2 and \$3 each.

**OREODOXA regia.** ROYAL PALM. The "Glory of the Mountains." The *Palma real* of the Spanish West Indies. One of the grandest of pinnate-leaved Palms. "Close by the cotton-tree stood another giant of the forest, rivaling the former in height, but differing from it as an arrow from its bow. Straight as a lance it rose to the height of a hundred feet. It was branchless as a column of polished malachite or marble up to its high summit, where its green, feather-like fronds, radiating outward, drooped gracefully over, like a circlet of reflexed ostrich plumes. The 'Noble Mountain Cabbage' of Jamaica, the kingly *Oreodoxa*."—*Mayne Reid*. The Royal Palm stands light frosts unharmed, but the freeze of January, '86, was fatal to good-sized plants in this latitude. Native in several localities of extreme South Florida. Three trees once stood on Cape Sable, visible 18 miles out at sea, but were destroyed by the gale of 1872. The Royal Palms of Cape Romain reach a height of 150 feet. Valuable as a decorative Palm. Our nurseries were named from some

**OREODOXA**, continued.

fine specimens of this Palm—and royal indeed it is—which were growing here luxuriantly before the great freeze of 1886. Our "trademark" shows a miniature picture of a Royal Palm. Small plants (three plants together in each pot to make more foliage), 15 and 25 cts. each. Single plants for open-air planting, same price as "triplets." Larger than these *cannot* be mailed without breaking the foliage. 2-3 feet, 35c.; 3 feet, 50c.; 3½ to 4 feet, \$1 each.

**O.**, sp. from Demerara (British Guiana.) This comes from the Royal Botanic Gardens, and as yet is unnamed. \$1 each.

**PHŒNIX.** The DATE PALM. We unhesitatingly recommend the genus Phœnix for the most extensive cultivation in the open air in the lower South, and for the conservatory and greenhouse North. All are of exceedingly rapid growth comparatively, are strong, healthy and beautiful Palms, bearing several degrees of frost in most cases, and standing a great deal of neglect. Photographs taken from some of our plants are here shown in engravings.

\***P. acaulis.** The STEMLESS DATE PALM. 25 cents each.

\***P. Canariensis.** One of the finest and most hardy. Native of the Canary Islands. This Palm is perfectly at home and matures fruit in Florida. Attains large size. Small, 10 cents each, \$1 per dozen. Stronger, in 4-inch pots, 25 cents each.

\***P. dactylifera.** The common DATE PALM of North Africa and Southern Asia. This species has produced fruit on Cumberland Island and in St. Augustine for many years; is well adapted to the soil of Florida. It ordinarily reaches an age of 10 to 12 years before producing fruit, but we have known rare instances of trees 3 and 4 years old producing fruit. According Von Mueller, trees from 100 to 200 years old continue to produce their annual crops of fruit, and it is asserted that in the monastic garden of Bordighera (Italy) there exist living specimens of the Date Palm planted over a thousand years ago. 15 cents each, \$1.50 per dozen.

\***P. farinifera (P. pusilla).** India and South China. Said to stand the climate of Southern France without protection. Berry shining black, with sweet, mealy pulp. Leaves of a deeper green than the common date. A kind of sago-like substance is obtained from the trunk by the natives of Hindoostan, which is used for food, hence the name, *farinifera*. 20c. each, \$2 per doz. Larger 35 and 50c. each.



*A Phoenix Palm 5 years old, on our grounds.*



*Tropical Vegetation of Hawaii.*

*Royal Palms are the tall Palms, and the two dwarf specimens are Pritchardias.*

**PHŒNIX**, continued.

\**P. humile*. A new and but little known species. Small grower. 30 cents each.

\**P. Leonensis*. Remarkably choice, upright growing plant. One of our finest specimens is of this species. Grows very rapidly, and makes the very largest sized trees. Trunks are of immense size, sometimes larger than a flour barrel. Specially fine variety from avenue; also one of the *very best* Phœnix for house decoration. Strong plants, 12-15 inches high, 15 cents each, \$1.50 per dozen; 18-20 inches high, 30 cts. each, \$3 per dozen.

\**P. Natalensis*. South African species of distinct habit. Small plants, 20 cents each, \$2 per doz. Larger, in 4-inch pots, 30 cents each.

\**P. paludosa*. The SWAMP DATE. Martaban. A stout, not very tall species. Leaves very dark green, and a grand sort for open air, as well as for the house. Good plants, 20 and 30 cts. each.

\**P. pumila*. A handsome and remarkably quick grower; will grow in any well-fertilized soil, and though not as hardy as *P. sylvestris* or *P. dactylifera*, stands our climate well. Young plants, 20 cents each, \$2 per dozen. Larger, 35 cents each, \$3 per dozen. Selected, 50 cents to \$1 each.

**PHŒNIX**, continued.

\**P. rupicola*. Himalaya. "This is one of the most exquisitely graceful among Palms, and in elegance takes a similar place to that of *Cocos Weddeliana*. It is of acaulescent habit, with wide-spreading, arching, pinnate leaves; a most valuable acquisition."—*Saul*. One of the tenderest species of the genus, but rarely injured by cold in South Florida. Fine plants, 35 cents each, \$3.50 per dozen. Selected, 50 cents each. Very small, 20 cents each.

\**P. reclinata*. Natal and Zululand. This species produces an edible fruit; leaves gracefully reclinate. Very hardy. Cannot be too much planted for avenue or lawn use. Also grown largely as a pot-plant for the house. We have a very large and fine stock. Large plants, 40 cents each, \$4 per dozen. Selected specimens, 50 cents, 75 cents and \$1 each (2-3 feet).

*P. Siamensis*. A more tender species, standing but very little frost, but with magnificent wide, flat leaves, dark green in color, resembling Royal Palm leaves. Very choice. New and rare. Strong young plants, 25 cents each.

\**P. sylvestris*. Bengal and Ceylon. The WILD DATE. Very hardy and fast-growing. About 40 feet in height, ultimately. Berries yellowish



*Phoenix pumila.* (See page 32.)

**PHENIX**, continued.

or reddish. A very useful species, the leaves being used for mats, ropes and baskets, and the sap furnishing the Palm sugar. The tree is first tapped when about 10 years old, and thereafter for from 20 to 50 years. One plant will produce, it is said, about 8 pounds of date sugar annually. 50,000 tons of sugar are produced in Bengal alone, annually, from this and other Palms. (See cut, page 29.) Small plants, 10 cts. each, \$1 per dozen. Large, 50 cents each.

[**PRITCHARDIA Pacifica.** A rare, tropical Fan-Palm, of exceeding beauty. Leaves are large and drooping, of light green color. Very desirable for a pot-plant, or for outdoors in situations free from frost. Young plants, 20 cents each, \$2 per dozen.

**PTYCHOSPERMA Alexandræ.** ALEXANDER PALM. A beautiful, smooth, pinnate-leaved Palm from the Eastern Archipelago. The wide leaves are especially elegant when contrasted with Fan-Palms. One of the best for the house. Young plants, 40 cents each.

\***RHAPIS flabelliformis.** China and Japan. A hardy little cane Palm, which suckers from the roots like the Bamboo, and forms a dense clump of canes. A delicate and graceful little plant, only 3 or 4 feet in height when full-grown. Specimens only (not mailable), \$2 to \$3 each.

\***SABAL Adansonii** (*Corypha minor*). The DWARF PALMETTO of Georgia and Florida. The stem is short, very slow growing, and entirely underground. Leaves of a dark, rich green, reaching a height of 4 to 6 feet, with smooth-edged petioles, in which they differ from the Saw Palmetto. The graceful flower-spike rises above the leaves to a height of 6 or 7 feet. This Palm resists severe cold unharmed, even as low as 10 to 17 degrees Fahrenheit. Small plants only, 15 cents each, \$1 per dozen.

\***S. Blackburniana.** "This species, when mature, produces leaves of immense size, plaited and divided at the margins into narrow, pendent segments of a blue-green color, saving the center of the leaf close to the ligule, and there occurs a large triangular blotch or mark of yellowish white. It is admirably suited for a window plant when small, and for the subtropical garden. Native of the West Indies."—*B. S. Williams.* 30 cents each, \$3 per dozen.

\***S. longipedunculata.** A stemless species, somewhat resembling *S. Adansonii*, with flower-spikes extending far above the leaves. This Palm, and many exotic species of Sabal, may

**SABAL**, continued.

be seen in perfection in the fine collection of Palms belonging to Mr. E. H. Hart, of Federal Point, Florida. A very choice Palm for decorative use. Should be planted in Florida, as it is different from our native Sabals. 20 cents each, \$2 per dozen. Larger plants, showing character leaves, 50 cents each, \$5 per dozen.

\***S. Mexicana.** A robust grower, which seems unlike other varieties, even while young. Found wild at or near Brownsville, Texas. A very large Palm, more stocky than our Palmetto. Small plants, 25 cents each.

\***S. minor.** Probably closely related to *S. Adansonii*, and a small, low grower. 40 cents each.

\***S. Palmetto.** The CABBAGE PALMETTO. Famous from well-known historical associations, and for the imperishability of its wood under water. Gulf and Atlantic coasts of the Southern States, also extending to the Bermudas. It exceptionally, with great age, attains a height of 80 to 90 feet. Until it reaches 10 to 20 feet in height, the bases of the leaf-stalks remain upon the trunk, forming a unique *chevaux de frise*, adding much to its picturesqueness. As the tree advances in age its growth is slow, and the leaf-stalks fall off, leaving a rough trunk of 8 to 10 inches in diameter. This Palm, when pot-grown, is valuable for greenhouse culture at the North. We grow many thousands of small plants of this Palm. 10 cents each, 85 cents per dozen; larger plants, 25 cents each, \$2 per doz.

\***S. princeps.** Young plants, 40 cents each.

\***S. umbraculifera.** Like *S. Blackburniana*, except in color, which is dark green, while the latter is glaucous under the leaves. A rare plant. 25 cents each.

**SEAFORTHIA elegans** (*Ptychosperma Cunninghamii*). A most graceful plant, eminently adapted for decorative purposes. Quite well known the world over for its feathery elegance and graceful character. The pinnate leaves are 2 to 10 feet in length, dark green and perfectly smooth. Small, 25 cents each. Showing character leaves nicely, 50 cts., 75 cts. and \$1.

\***SERENOA serrulata.** The SAW PALMETTO. A creeping species—too well-known in Florida, but valued for pot-culture in the North, and in European greenhouses. A beautiful Fan-Palm. Small plants from pots, 15 cents each.

It is not generally known, but the "crowns" of this Palm (whole tops cut off, without roots, only part of stem) are largely used for decoration of apartments, conservatories, halls, etc.,



*Phoenix reclinata.* (See page 32.)



*Seaforthia elegans.* (See page 33.)

**SERENOA**, continued.

all over the United States. We cut these "crowns," tie the leaves closely, and pack as with any other plant. Upon receipt by the purchaser, they are immediately opened up and "potted" in *jardinières*, pots or pails, with the drainage holes tightly closed. Some sand or other soil is used, with moss on top, to keep the stem steady, and the whole kept *saturated* constantly. Sprinkle foliage occasionally to keep from drying, and also keep out of any strong sunshine. *They will keep for months*—in fact, about all winter, and sometimes longer, if in the shade. *Each plant is a perfect specimen of from six to a dozen nice leaves*, resembling *Latanias*, and from 3 to 5 feet high. They make a grand appearance, and stand sharp freezing without injury. We pack them in special large lots for Christmas and Palm Sunday. Try a few; club with your friends, and have them shipped by freight. It costs as much to pack one plant as a dozen. They are heavy—weighing 10 to 15 pounds each; some are lighter. Two plants, packed, \$1; 6 plants, \$1.75; 12 plants, \$3; 100 plants, \$20. *Any quantity over 12 plants will be sent for 20 cents each.*

Leaves of this Palm (*Serenoa*) are largely used, also. We cut with stems about a foot long usually (they can be had longer). 50 leaves, packed, for \$1; 100 leaves, \$2; 1,000 leaves, \$15. Large quantities should go by freight, small lots by express; *we cannot mail them*

**STEVENSONIA grandifolia** (*Phœnicophorium Seychellarum*). The THIEF PALM, of the Seychelles Islands. Named in honor of a governor of Mauritius. "This is perhaps one of the most noble Palms ever introduced to cultivation. The stem is stout, and the leaves are plaited entire from 1 to 8 feet in length and from 1 to 4 feet in breadth, bifid at the apex,

**COLLECTION A.**—Five small Palms, good sorts, all different, by mail, for 50 cents.

**COLLECTION NO. 1.**—Ten Palms, all different, in nice, small plants, sure to grow, sent by mail to any address for \$1.

**COLLECTION NO. 2.**—Ten Palms, different, in larger sizes than above, sent by mail for \$2.

**COLLECTION NO. 3.**—Five Palms, all different, showing character, and *ready for immediate decorative effect*, for \$2.50.

☞ State whether wanted for outdoor planting or for pots. We will make a suitable selection.

☞ Above offers are of Palms of our choice only.

☞ As all Palms are pot-grown, they may be set in open ground *at any time*, or shipped to any distance safely

**STEVENSONIA**, continued.

and fringed round the margins by being cut into acuminate segments, which are edged with red. The petioles are sheathing, and densely armed with formidable black spines 3 and 4 inches in length; the blade is perfectly unarmed, deep green, spotted with dull orange. It is known in some continental gardens as *Astrocaryum aureo-pictum*."—*B. S. Williams*. Nice, little plants, showing the orange-red coloring, 25 cents each, \$2.50 per dozen.

**THEBINAX Barbadosis.** A small-topped, slender-trunked Palm from Barbadoes and neighboring islands. Palmate leaved, with small spines on the stems of leaves, when of good size. A handsome plant, and, with *T. parviflora*, especially elegant for pot-culture. Young, showing character, \$1 each.

**T. parviflora.** THATCH PALM, or ROYAL PALMETTO THATCH. This is one of the finest Fan-Palms known for decorative use. The deeply divided yellowish-green leaves, on slender stems, form a graceful, umbrella-like crown of exceeding beauty. Of slow growth. Small plants, in 3-inch pots, 25 cts. each; with character leaves, in 4-inch pots, 40 cts. each.

**WALLICHIA.** This genus of splendid Palms resembles in habit the *Caryotas*. They do not grow to any great height, but their thick and graceful habit renders them especially valuable as decorative Palms.

**W. disticha.** This is the best of the genus, and is very handsome. Young plants, 25 cents and 50 cents each. ☞

**\*ZAMIA integrifolia.** A beautiful Cycad, known in South Florida as "Comptie," or "Coontie." The *Seminoles* produce starch from the stems, which is extensively used in puddings in Key West and elsewhere. A considerable business is being made of gathering plants for the above purpose. An elegant plant for the window and conservatory, and being largely sold for this purpose. Fine plants, 15 cents each, \$1.50 per dozen; larger, from 25 cents to \$2 each.



*Zamia integrifolia.*



VIII.

# Cacti.

'Grotesqueness of form or habit is rarely found in combination with floral beauty in the vegetable world. Yet no family affords more remarkable examples of this union of widely divergent qualities than the great and peculiar Cactus order. \* \* \* When the brilliantly colored rose, crimson, purple or yellow flowers were seen, the observer would be led to the conclusion that while the plant was advancing to so high a degree of floral beauty, one portion of its constitution must have been strangely altered and stunted by some external long-continued forces. \* \* \* They are easily grown; so easily, in fact, that the cottager who can devote a small space to them in his window may, and often does, grow many of them as successfully as the greatest magnate in Europe, with all the most elaborate horticultural appliances at his command."—LEWIS CASTLE.

**ANHALONIUM Williamsii.** "Plains of Texas and Mexico. This singular plant will not be sought after by those who desire only the beautiful in nature, but should be in every collection of rare and unique plants. It is not unlike a carrot in shape, 2½ inches in diameter at the top, 6 to 8 inches in length, dark, glaucous green in color, the top depressed and irregularly furrowed. Flowers pale rose or flesh color."—Mrs. Nickels. Strong plants, 30 cents each.

**A. prismaticum.** "This exceedingly rare plant well deserves the first place in our catalogue. Description and illustration seem alike inadequate to give a correct idea of the plant's oddity and beauty. It requires very little attention, and will grow and bloom in any sitting room for a long time without being watered. Found on the mountains of Mexico, where it attains a size of 12 inches in diameter. The center of the plant is covered with a dense woolly growth. The flowers are large; petals of a silvery white, and arranged in four rows."—A. Blanc. Fine plants, \$1 each.

**CEREUS.** This genus contains species having immense flowers of great beauty and fragrance. They are tall and upright, or climbing plants, and are quick-growing.

**C. colubrinus.** Upright-growing, but slender; night blooming flowers, white and lemon-yellow, 4 to 6 inches across. Very fine. \$1 each.

**C. grandiflorus.** The NIGHT-BLOOMING CEREUS. From West Indies and Mexico. Flowers very fragrant, often a foot in diameter, freely produced, and pure white in color, resembling a water-lily. 20 cents and 40 cents each.

**C. giganteus.** The SAGUARRO. "No stranger phase of vegetation can be conceived than that formed by the Giant Cereus in the parts of Mexico where it abounds, for these enormous columns of vegetable matter have been recorded as attaining the height of 60 feet, and specimens 40 to 50 feet high are plentiful."

Plants in all stages give a distinguished appearance to all places in which they are planted. The flowers are about 3 inches across, white, and followed by fruits which resemble green cucumbers, and when ripe burst open, showing the brilliant red pulp containing seeds. A grand lot, imported recently, are offered in perfect specimens, 1 foot high (weighing about 5 pounds each), \$2; 15 to 18 inches, \$3; 18 to 24

**CEREUS, continued.**

inches, \$5 and \$6; 24 to 30 inches, \$10. They are bargains at these prices; are frequently sold for double!

**C. splendens.** South Florida Keys. **CANDLE CACTUS.** It is of upright or partially recumbent growth; night-blooming; flowers straw-colored, rich and creamy, 5 or 6 inches in diameter. Stems frequently attain a length of 15 or 20 feet, 1½ to 3 inches in diameter. Fruit bright red when ripe; spherical; sometimes eaten. This is the most satisfactory of all the Cerei to us, and we recommend it. 25c. to \$1.

**C. triangularis.** The **STRAWBERRY PEAR.** Mexico, West Indies. The scaly buds of this Cactus are used as an ingredient in soups, as formerly they were in the celebrated "pepper-pot," of the West Indies. The fruit is known as "Strawberry Pear," and contains a pleasant, sweet pulp, enclosing numerous black



*Cereus triangularis.*

**CEREUS**, continued.

seeds. It very rarely produces fruit in Florida, though flowering abundantly. The blossom is one of the handsomest of the night blooming Cereus, white and straw-colored, 8 inches in diameter. Valuable. 25 cents each.

**C. variabilis.** South Florida and West Indies. Upright and scrambling. Stem stout, 1 to 3 inches in diameter, 3 to 6 sided. Spines few, but very stout and long; flowers handsome, white, nocturnal. A most rapid grower; free-flowering, and very desirable. 20 to 50c. each.

**ECHINOCACTUS.** The HEDGEHOG CACTUS. Genus is one of the largest in the whole family, and some of the species are most handsome and curious. We offer only the very best:

**E. bicolor.** A fine plant, with spines in various colors—yellow, amber and red. The flowers are large, of a purple color. 40 cents.

**E. Capricornis.** One of the most distinct Cacti. The rigid structure scarcely seems at all like a plant until the handsome flowers, which are large and yellow, are produced. This is quite rare. 75 cents to \$2.50 each.

**E. setispinus.** PINEAPPLE CACTUS. A charming variety, of very neat appearance. The short spines are white, and thickly cover the plant. Flowers lemon-yellow, about 2 inches across, and borne in profusion. 25c. to \$1 each.

**E. Texensis.** DEVIL'S PIN-CUSHION. Plant is globose, covered with broad, stout spines, which are somewhat recurved over the sides. Flowers are rose-colored, 2 inches across, freely produced. 25 cents, 50 cents and \$1.

**E. Le Contei.** The well-known pink-spined, handsome Californian; a large grower. Flowers lemon yellow. 30 cents to \$2 each.

**ECHINOCEREUS.** A genus of handsome plants, all being large and fine bloomers, many bearing brilliant flowers, 4 inches in diameter, and delightfully fragrant. A most attractive genus.

**E. Berlandieri.** Dwarf-growing, forming large clusters in age. The flowers are sweet-scented, and purple in color. 25 cents.



*Pyllocactus latifrons.*

**ECHINOCEREUS**, continued.

**E. cæspitosus.** From Texas. A neat grower and bloomer. Flowers bright magenta. 30 cents each.

**E. enneacanthus.** A branching sort, usually 6 inches or over in height. Very floriferous, producing quantities of reddish purple flowers, 3 inches long. Spines short and yellow. Considered one of the best bloomers. 25 and 50 cents.

**E. pectinatus.**

"The best and finest bloomer of all the Echinocerei; blooms profusely when quite young, and makes valuable plants, as well as large clusters, which often bear 40 to 50 flowers at one time."—*A. Blanc.* Charming variety, which thrives anywhere. 25 cents each.

**ECHINOPSIS Mulleri.** A very rare California Cactus, allied to the Echinocactus. Easily grown, and specially recommend for the amateur. Beautiful flowers. Fine plants, 30 cents each.

**MAMMILLARIA.** These are beautiful plants, having spines of all colors. The flowers are pretty, and are followed by scarlet seed pods (little berries), which give a pleasing effect.

**M. decipiens.** A fine bloomer. Flowers large and yellow. Few spines. 20 cents each.

**M. Grahami.** A miniature Fish-Hook Cactus, scarcely ever reaching a foot in height. Spines white and brown, lacing over the whole plant. A good bloomer. 25 cents to \$1.50 each.

**M. Heyderi, var. applanata.** A neat, round form, bearing pretty flowers, which are followed by red berries, staying on the plant sometimes a year. A good grower. 20 cents each.

**M. pusilla.** "Mexico and West Indies. A rapid-growing little plant, with yellowish white flowers, produced in profusion, followed by scarlet, club-shaped berries, which remain on the plant till the next season."—*Mrs. Nickels.* 25 cents.

**OPUNTIA.** PRICKLY PEAR CACTUS. The Opuntias are the most suitable of all the Cacti for open air cultivation in Florida. Most of the species grow vigorously, and are perfectly hardy here.

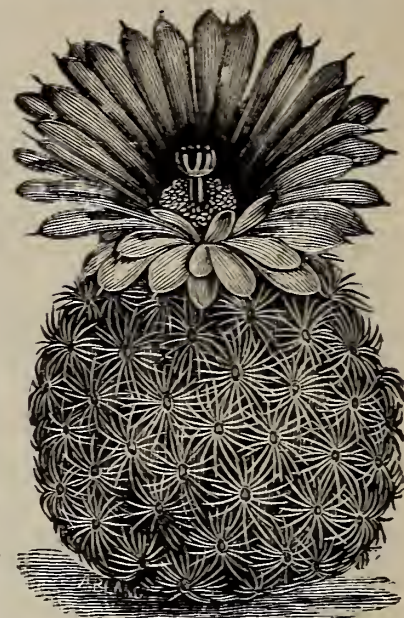
**O. arborescens.** A round-stemmed, close-spined, tree-like species. 25 cents each.

**O. Comanchica.** A distinct variety from Northern Mexico and United States border. The roundish oblong "leaves" (joints) are 5 to 7 inches long by 3 to 5 broad; light green in color. Large flowers; yellow. 15 cents each.

**O. Ficus Indica.** INDIAN FIG CACTUS. An exceedingly hardy and ornamental species of Cactus. The plant reaches a height of 10 feet, and is very striking as a scenic plant. The fruits are yellow, and are eaten raw, or used for jellies, etc. Perfectly hardy here. The plant has few spines. 25 cents and 50 cents each.

**O. Kleiniae.** Mexico. A very hardy sort, with cylindrical joints, resembling some species of Cereus. Not very spiny, and forms a fine tree-like specimen. 20 cents each.

**O. leucotricha.** Mexico. This perfectly hardy and quick growing species will undoubtedly prove a most valuable hedge plant for Florida,



*Mammillaria.*

**OPUNTIA**, continued.

attaining a height of 2 to 4 feet in two years from the cutting. The oval, flat branches are closely covered with long white spines, deflected toward the base of the plant. 40 cents each.

**O. lurida.** A choice, round-stemmed sort, with crimson flowers. 25 cts. each.

**O. polyantha.** South America, West Indies, Matabomba Key, South Florida. Upright-growing species. Hardy, and specially useful as a stock to graft others upon. 20c. and 40c. each.

**O. Tuna.** TUNA CACTUS, PRICKLY PEAR. One of the strongest-growing species. A native of Mexico, West Indies and South Florida; also of Ecuador and New Grenada. Employed extensively in Mexico as a hedge-plant, and also one of the principal cochineal plants. Non-inflammable, as are many of the allied species. Branches long, flat and elliptical, with numerous strong spines. Flowers large, yellow, often with tinge of wine color; fruit purple, 2 inches in length, edible; often used in jellies, preserves, etc. Plant perfectly hardy here; said to attain with age a height of 20 feet. We can supply cuttings by the hundred or thousand, or plants of any size that can be handled. Strong cuttings, 10 cents each, \$1 per dozen; larger, 25 cents each. Write for special rates in quantity.

**O. vulgaris.** Common PRICKLY PEAR. One of the most handsome flowered species of the genus. Flowers rich golden yellow, produced in great abundance; if scarce, would surely be very highly esteemed. 10 cts. each, 85 cts. per doz.

**PERESKIA aculeata.** The

BARBADOES GOOSEBERRY, or BLAD-APPLE. A climbing Cactus, with true leaves, and producing edible fruit. Stems fleshy, with spines at the base of each leaf. Very fast growing; much used as a stock upon which to graft Epiphyllums and other low-growing Cacti 20 cents each.

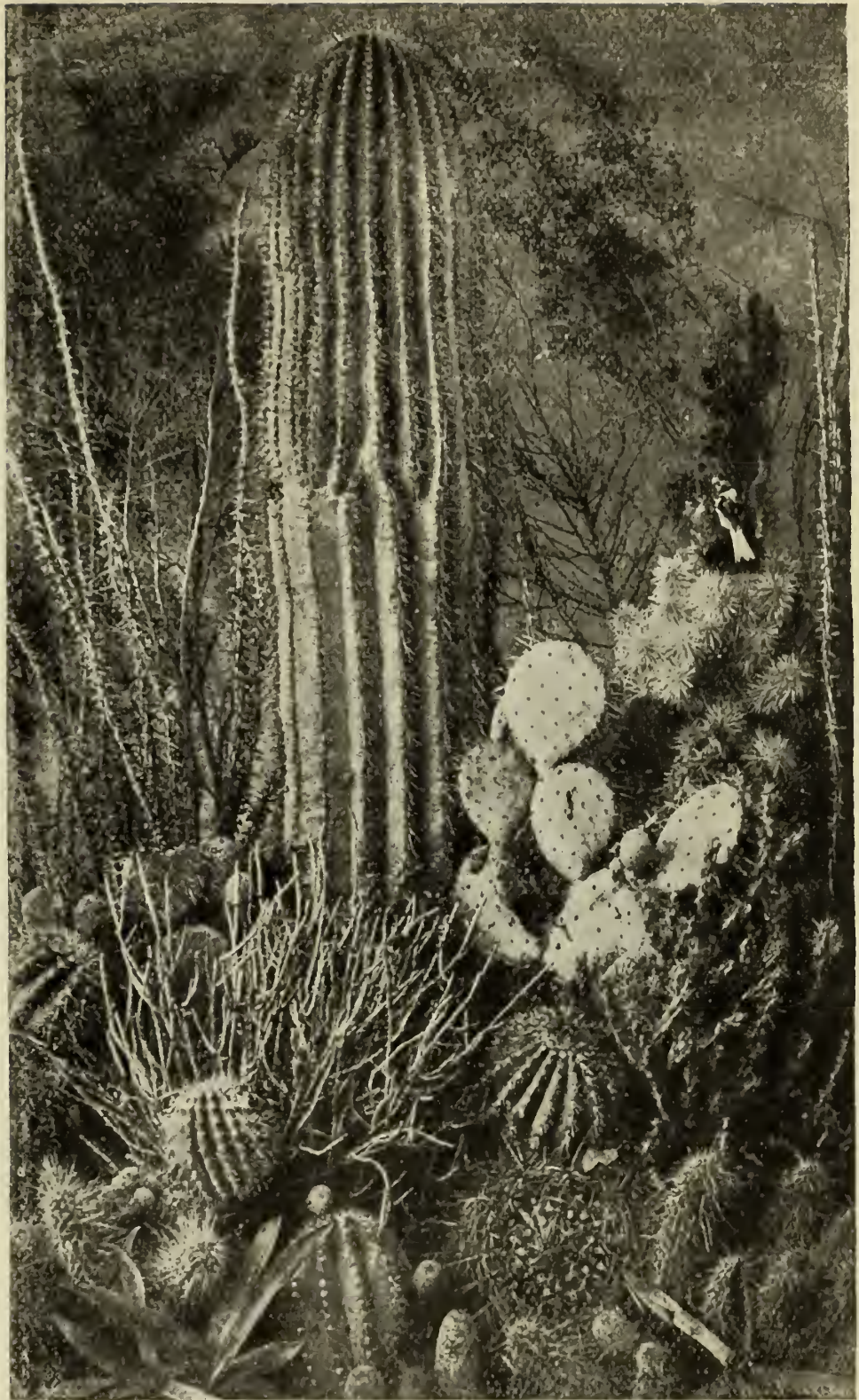
**PHYLLOCACTUS Ackermanni.** The KING CACTUS. The curious, long, flattened stems are very unlike any other Cactus, and require rather more moisture than most sorts. This refers to the following three sorts also. This produces readily a quantity of scarlet flowers. 30c. ea.

**P. Kampmanni.** Very large carmine flowers. 30 cents each.

**COLLECTION NO. 1.**—Eight fine plants, in different sorts, *choice*, sent by mail to any address, postpaid, for \$1.

**COLLECTION NO. 2.**—Fifteen plants, all different, \$2. *Both offers strictly our selection of sorts.* Collections for bedding, nice plants, in variety, 25 plants for \$3. (*Our selection.*)

If by express, we can send larger plants.



*Some fine Cacti of easy growth.*

**PHYLLOCACTUS**, continued.

**P. latifrons.** "A very strong-growing species, quite the giant of its family, producing stout, flattened stems 4 to 5 inches broad, deeply crenated, and 8 or 10 feet high. The flowers, which bloom at night, measure 7 to 9 inches across; the petals are of a delicate creamy white, the sepals and tube of a reddish hue." A grand plant, which should be in every garden or conservatory. 25 cents each.

**P. roseus 'superbus.** Very choice plant; new. Flowers rose-color. 35 cents each.

# Ferns and Selaginellas.

"Dainty ferns and dewy mosses,  
Flowers, and leaves, and deep blue sky."

—DORA READ GOODALE.

Varieties with the asterisk (\*) are the more hardy sorts. Others should be kept from hard frosts, being Tropical or Semi-Tropical.



Tree-Fern, *Alsophila*.

## ADIANTUM. MAIDEN-HAIR FERN.

"Where the tinkling waterfalls  
Sparkle over rocky ledges,  
Where the slate-gray cat-bird calls  
In and out the tangled hedges,  
Green and slender, spreading fair,  
You may see the Maiden's Hair."

**A. cuneatum.** The "Maiden-Hair" Ferns are always in favor with lovers of the beautiful, and at present are made additionally popular by being in favor with "fashion." *A. cuneatum* is a choice West India species, and one of the most beautiful of all. 15 and 25 cents each.

**A. hispidulum.** (Hairyish.) A beautiful erect species of more than ordinary beauty. It is very fine. 20 and 30 cents each.

**A. lunulatum.** (Crescent-leaved.) Fronds 6 to 12 inches long, simply pinnate, and *rooting at the tips!* It is a peculiar "Walking Fern." 15 cts. each.

**ALSOPHILA Australis.** One of the largest of the celebrated Australian Tree-Ferns. Has a trunk somewhat resembling a Palm, but not so firm. A magnificent, delicate-leaved Fern of gigantic size. Beautiful in all stages of growth; always scarce. 30 to 50 cents each.

**\*ASPIDIUM patens.** A native of East Florida, growing from 1 to 3 feet high. Not very delicate leaved, but quite handsome. Very robust grower. 20 cents each.

## ASPIDIUM, continued.

**\*A. thelypteris.** A fine-leaved and handsome Fern, spreading rapidly by foot-runners. Reaches a height of about 2 feet. A rare native here. 15 cents each.

**\*A. unitum, var. glabrum.** A rare native Fern, with fronds resembling those of *Woodwardia Virginica*. Three feet or more in height. 25 cents each.

**\*ASPLENIUM eburneum.** One of the most delicate and graceful of our native hardy Ferns. Grows not over a foot high, and is one of the choicest Ferns in our collection. Very rare here. 40 cents each.

**BLECHNUM Braziliense.** A bold and robust Tree-Fern from South America. The young leaves, as in all Blechnums, are of a rich wine color, finally turning a very dark green. A majestic Fern. 15 and 25 cents each.

**B. occidentale.** Very handsome species, propagating easily by runners. Rich green and wine-colored leaves, pointed. Dwarf. 25 cts. each.

**\*B. serrulatum.** A Florida species of great beauty. Evergreen; suited for ferneries or conservatories. Grows in any soil. Reaches a height of 3 to 4 feet. 15 cents each, \$1 per dozen.

**CIBOTIUM Barometz (*Dicksonia*).** Belonging to a genus of Tree-Ferns. This species only reaches a height of 5 to 7 feet, and has no real trunk. The leaves are extremely lace-like, and



*Asplenium eburneum*.



*Davallia stricta.*

**CIBOTIUM**, continued.

although so large, rob the plant of none of its beauty. A choice plant, adapted to general cultivation. Tropical. 20 cents to \$1 each.

**DAVALLIA stricta.** A newly introduced Fern of great beauty from Malayan Archipelago. Of easy culture, and one that "sells on sight." One of the best Ferns for cutting for bouquets. Also a fine pot-plant, not growing over 2 feet high ultimately. 30 cents each.

**D. Fijiensis plumosus.** Finest of the Davallias; distinct in the arrangement of the divisions of its bright green fronds. Rare. 25 cents each.

**DICKSONIA Antaractica.** A rare and splendid Tree-Fern of noble appearance, from Australasia. Stems are thick and trunk-like; fronds large, leathery and finely cut, forming a beautiful crown; will stand light frosts unharmed. 30 cents each.

**\*DORYOPTERIS achrostichoides (Aspidium).** Lance-shaped fronds, reaching 2 to 2½ feet. A fine Fern from the Alleghenies. 25 cents each.

**D. spinulosa intermedia.** Very pretty species from New England, with twice or thrice pinnate leaves. 25 cents each.

**GYMNOGRAMME tartarea.** SILVER FERN. No Fern can be more magnificent than a well-developed specimen of this Central American Silver Fern. The under sides of the beautiful fronds are covered with a silvery white powder. 15, 25 and 50 cts. ea.

**G. sulphurea.** GOLD FERN. More dwarf than the preceding, and a little beauty. 25 cents each.

**LASTREA aristata variegata.** Very fine greenhouse Fern from Australia. Beautifully variegated with white. Rare. 25 cents each.

**\*LYGODIUM scandens.** JAPANESE CLIMBING FERN. A magnificent and elegant vine, and a great favorite with those who know it. Leaves very different from any other Fern of our collection. Fine plants, 20 and 35 cents each.

**MICROLEPIA hirta cristata.** CRESTED FERN. From South Sea Islands; a most elegant Fern; should be in every collection; a very choice sort. 30 cents each.

**NEPHROLEPIS Bostoniensis.** The newly named Boston Fern. Resem-

**NEPHROLEPIS**, Continued.

bles the more ordinary Sword Fern, but with much wider fronds. It is distinct from *N. exaltata* and very beautiful. 25 cents each.

**N. Duffii.** A tufted species with queerly divided fronds. It forms a good specimen plant, and is a good grower. 20 cents each.

**N. exaltata.** The beautiful SWORD FERN of choice conservatories, where it is often grown in wire baskets of damp moss and soil. The fronds attain a length of 6 or 7 feet in old and well-grown specimens. As this Fern is native in parts of South Florida, we are enabled to offer large, fine plants in quantity, cheaper than they can be purchased elsewhere. 15 cts. each, \$1 per dozen.

**N. cordifolia.** So closely resembles *N. exaltata* that they can scarcely be separated. This species has tubers on the wide-spreading roots. 20 cents each.

**ONYCHIUM Japonicum.** A delicate Japanese Fern, with dark green, glossy leaves. Fine for cutting. New. Height 1½ feet. 25c. each.

**\*OSMUNDA cinnamomea.** The CINNAMON FERN. This and the following species are hardy throughout the North. 25 cents each.

**\*O. regalis.** The ROYAL FERN. And royal it is among Ferns; the bipinnate fronds stand from 2 to 4 feet in height. The very best of the large hardy Ferns. 20 cents each.

**POLYPODIUM aureum.** A tropical species found growing in South Florida in the rotten fiber of palmetto trees or rotten logs, etc. It is best grown artificially in pots of sphagnum mixed with a little soil and rotten wood. "*Polypodium aureum* is a noble plant, with large, glaucous fronds."—*Manda*. 25 cents each.

**\*P. incanum.** A half-hardy species, climbing on the bark of oaks, hickories, etc., fronds curling up in a dry time like the "Resurrection Plant" of Mexico, to open again after a rain. Well-named "RESURRECTION FERN." 15 cts. each.

**\*P. pectinatum.** One of the most beautiful Ferns of South Florida. Found sparingly in moist woods, usually on limestone rocks, but will grow in any situation where most Ferns flourish. Fronds resemble those of *Nephrolepis exaltata*, but are broader, darker green. 25c. each.

**P. phyllitidis.** The HART'S-TONGUE FERN of tropical America. Has straight, undivided, lanceolate fronds of richest, darkest green; striking and unique in form. It prefers a moist spot on limestone rocks or rotten logs. Should be in every fernery. 25 cents each.



*Microlepia hirta cristata.*

**POLYPODIUM**, continued.

**P. Schwartzii.** West Indies; Key Largo. A pretty charming species, with small lanceolate fronds. 25 cents each.

**PTERIS argyræa.** Fronds beautifully striped with white; tender. 25 cents each.

**P. cretica albo-lineata.** Another beautifully striped tender Fern. Very distinct. 25 cents.

**P. hastata.** (Pellæa.) A neat-growing, dark green, coarse-leaved fern, reaching a height of 8 to 12 inches. Form a good clump, suitable for basket or jardiniere. 20 cents each.

**P. palmata.** Choice greenhouse Fern, admirable for bouquets. 25 cents each.

**P. serrulata.** A very pretty species, which is common to all plant establishments. The spores are scattered widely around a large plant, and young seedlings are found growing spontaneously on damp flower pots, in moss, etc. The queer, divided leaves make it unique and interesting, as well as very pretty. 20 cts.

**P. tremula.** A fine New Zealand member of the genus. Quite well known in most first-class greenhouses. A desirable species for a pot-plant. Height 2 to 3 feet. 20 cents each.

**P. Victoriae.** New and rare variegated Fern, in habit like *P. serrulata*. Has been figured in some of the leading horticultural magazines. Choice for greenhouse or conservatory. 20 cts.

**P. sp. from Hawaii.** Very large sort, reaching 6 feet in height; forms a magnificent specimen. Quick-growing. 25 and 50 cts. each.

**SELAGINELLA.** CLUB-MOSS. These delicate plants are always grown with Ferns, which some of them resemble; very beautiful.



*Nephrolepis Duffii.* (See page 39.)

**NO. 1. COLLECTION** of five strong Ferns for 40 cents, postpaid. (Our selection only.)

**NO. 2. COLLECTION** of ten Ferns, including some of the rarer sorts, all very choice sorts, for \$1, postpaid. (Our selection only.)



*Nephrolepis exaltata.* (See page 39.)

**SELAGINELLA**, continued.

**S. Braunii** (*Lycopodium*). Beautiful erect species; one of the most valuable for button-hole bouquets, etc. 25 cents each.

**S. flabellata.** A most beautiful Guatemalan species, with large, spreading, fern-like branches. Our finest species. 25 cents each.

**S. Kraussiana** (*Lycopodium denticulatum*). A delicate West Indian species, invaluable in cut-flower work. 10 cents each.

**S. Martensii variegata.** Beautifully variegated white. Large, upright-growing. Very fine. 20 cents each.

**S. uncinata** (*S. cæsia*). A fast-growing creeping species of a beautiful bluish bronze color. Called locally RAINBOW MOSS, from the many natural tints of growing plants. Excellent for ground work of ferneries, etc. Clumps, 10c. ea.

**S. Willdenovii.** A very choice large-growing sort, with magnificent fronds of blue, green and bronze. It will throw out creeping stems from 8 to 20 feet long, if given room. Rare and elegant. 35 cents each.

**\*WOODWARDIA angustifolia.** A native creeping Fern; growing in moist, mucky soil. 10c. ea.

**\*W. Virginica.** A handsome, large, native Fern. Suitably particularly as a background in a fernery of hardy varieties. 20 cents each.

BROOKLYN, N. Y., Oct. 2, 1896.

Gentlemen—The plants ordered from you last week arrived this afternoon. To say that I was astonished when I opened the box does not express my feelings. I have heard of people who "did business for fun," and finding so many extras made me feel that I had found those people. Please accept my sincere thanks. They are all fine plants.

Very truly,

S. G. PARDESSUS.

# Orchids.

“ Even to look up at them, perched on bough and stem, as one rides by, and to guess what exquisite and fantastic form may issue, in a few months or weeks, out of those fleshy, often unsightly leaves, is a strange pleasure — a spur to the fancy which is surely wholesome, if we will but believe that all these things were invented by a Fancy which desires to call out in us, by contemplating them, such small fancy as we possess ; and to make us poets, each according to his power, by showing a world in which, if rightly looked at, all is poetry.”—KINGSLEY.

**BROUGHTONIA sanguinea** (*Satyrium parasiticum*, *Broughtonia coccinea*, *Dendrobium sanguinem*, *Epidendrum sanguineum*). Jamaica. Flowers bright crimson, and last long in perfection. \$1 each.

\***CATTLEYA citrina**. A cool-house Orchid of merit and extensive cultivation ; from Mexico ; flowers deliciously sweet, bright yellow, 3 inches across. 75 cents each.

**C. Percivaliana**. Brazil. One of the darkest-flowered varieties in cultivation ; rose, deepening to purple in the lip. \$1.50 each.



*Cattleya Trianae*.

**CATTLEYA**, continued.

**C. trianae**. Central America. This is perhaps the most universally grown for cut-flowers ; is a free bloomer, and flowers range in color from the purest white, all through the shades of rose to royal purple. \$1 to \$3 each.

**CÆLOGYNE cristata**. An Asiatic sort, being vigorous, and adapted to cultivation. Pure ivory white flowers, with yellow veins ; free-blooming. \$1 each.

**CYPRIPEDIUM insigne**. LADY-SLIPPER ORCHID. The best species for the beginner ; will do well in any greenhouse, or even in a sunny window. Flowers large, shiny, in various shades of green, purple and white. November to March. Should be grown in pots of fibrous peat and moss. \$1 each.

**DENDROBIUM nobile**. “ A magnificent and justly popular free-flowering evergreen species. The blossoms are rather large and very showy, with oval sepals and much broader undulated petals ; white, heavily tipped with dark rose, the lip rolled up at the base ; downy on both surfaces ; roundish ovate ; creamy white, with rosy tip, and a deep crimson spot in the throat.” Blooms during the winter and spring months. 50c. to \$2 each.

**D. Draconis**. A rare and distinct sort, with waxy white flowers. \$2 each.

**D. formosum**. “ A remarkably handsome, compact-growing evergreen species.” Bears four or five fragrant flowers, about 3 inches across, from the top of the stem. Pure white, with a yellow furrow down the lip. Fine plants, 75 cents and \$1.50 each.

**D. Phalænopsis**. Beautiful species, with slender erect stems upwards of a foot and a half long. The racemes of flowers are terminal on peduncles 10 inches long, and bear as many as 15 blooms, each 2½ inches across ; brilliant magenta and white. 50 cents and \$1.50 each.

**D. tortile**. Dwarf species ; flowers white, tinged with purplish rose ; flowers in spring. Rare. \$2.

**EPIDENDRUM venosum**. The “ BUTTERFLY ORCHID,” from South Florida. For those who wish a beautiful and cheap Orchid, that will stand a low temperature and much neglect, this species can be highly recommended. In the first place, it is very rare in cultivation, the Orchid collectors of America often preferring to send to Australia and the “ Isles of the Sea” for Orchids much less beautiful, than to look at their own door for a little gem. The Orchid is of neat habit, producing in summer showy spikes of flowers ¾ to 1 inch in diameter, of

**EPIDENDRUM**, continued.

beautiful shades of pink and greenish chocolate color, changing with age to rich yellow and chocolate. Cheapest Orchid in the market; immensely superior in beauty to many a \$5 species. 15, 25 and 50 cents and \$1 each.

**L** *LIA anceps*. Mexico. Flowers lilac-rose, 3 or 4 inches in diameter. Winter-flowering; a very showy sort, and a favorite. The cheapest and yet most satisfactory of the *Lælias*. Robust grower, and free-flowering. We recommend it highly. 50 cents to \$1.50 each.

**L**, *albida*. A lovely species, having racemes of flowers in December and January; from 5 to 20 flowers on each raceme; in color pink and white, and deliciously sweet. \$1 each.

**L**, *Arnoldiana*. A rare, new sort, with large, pink flowers. \$1.50 each.

**L**, *autumnalis*. A lovely and showy species from Mexico. Flowers 4 inches across; very fragrant. Rosy purple and white. December and January. Fine plants, 75 cents and \$1 each.

**L** *LISSOCHILUS speciosus*. A terrestrial Orchid from the Cape; bears freely deep yellow, waxy flowers, which last several weeks. A neat and vigorous plant, thriving wonderfully in a loose soil of sand, rotten wood or peat. Our own introduction. Rare in the United States. 50c.

**L** *LYCASTE Deppei*. Of easy culture, only requiring good drainage and plenty of water. From Mexico. Blooms in winter and spring. Flowers a beautiful combination of white, green, purple and yellow, with crimson spots on the lip. 75 cents each.

**O** *ONCIDIUM incurvum*. A distinct dwarf Orchid from Mexico, having reddish purple and white flowers, banded. \$1 each.

**O**, *luridum*. West Indies and Central America. Leaves very large, often 2 feet long. The spikes of showy yellow and chocolate flowers are from 1 to 2 yards in length. 75 cents, \$1 and \$5 each.

**O**, *multicolor*. A choice variety of distinct habit, suitable for the cool-house collections. 75c. each.

**O**, *ornithorhynchum*. "A pretty, free-flowering species, with crowded, gracefully drooping panicles, a foot long or more, of small but fragrant flowers of a clear rose, deeper in some forms than others." Autumn and winter-blooming. Fine for cutting. Fine plants, \$1 each.

\***O**, *papilio majus*. BUTTERFLY ORCHID. An odd-flowering plant, but very pretty and interesting.

Those marked with an asterisk (\*) are hothouse Orchids, and should be grown in heat, but grow with varying success where free from freezing. Our Orchids are, nearly one and all, suited for growing under the oaks and palmettos of South Florida, where, if given a little attention, they do remarkably well, and form immense clumps, improving in flowering quality year by year. Mr. Theodore L. Mead, of Oviedo, Florida, has successfully naturalized many rare Orchids on the trunks of native trees, in his "hammock," and "what one has done, one may do again."

*Cypripedium*, *Lissochilus* and *Vanilla* are terrestrial Orchids, and should be grown in pots of *peat*, *fern-roots*, or similar material kept moderately moist. They are as easy to cultivate as the ordinary window plant. The other Orchids named above are *air-plants* (epiphytal), and should be grown on blocks, or in baskets, cribs, or porous pottery, where drainage can be perfect. *Peat*, *sphagnum* or *fern-roots* from the woods, mixed with a little charcoal, seem to suit them to rest upon and to cling to. Be sure and not bury the bases of pseudo bulbs in potting material, but tie or wire the young plants on top of it, so that there will be no chance for bulbs or young growing shoots to decay. The plants in their growing condition should be showered or otherwise dampened very often, and a good growing temperature in half-shade provided. Avoid drafts of cold air, and try not to dry the plants in their dormant state to such an excess that they shrivel. With a little common sense and observation one may have a grand supply of these choice flowers continually, with no more trouble than given commoner plants. Our excellent horticultural and gardening papers are a great aid in growing plants, and we advise everyone interested in plants to take at least two such periodicals.

**ONCIDIUM**, continued.

The old flower-stalks produce flowers one after another for years. Color rich, dark brown, barred with yellow. Native of Trinidad. \$2.

**S** *SCHOMBURGHIA Lyonsii*. Jamaica. Flowers white, marked with reddish purple; lip edged with yellow. \$1 each.

**S**, *tibicinis*. West Indies. The best of the *Schomburghias*, producing quantities of handsome flowers, 3 inches in diameter, slightly odorous; purplish chocolate and pink. Petals wavy edged; frequently called "Cow-horn Orchid." 75 cents and \$1 each. Large, \$2.50.

**S** *STANHOPEA eburnea* (*S. grandiflora*). Brazil. Perianth ivory white; lip variable in color; fragrant. \$1.50 each.

**V** *VANILLA aromatica*. "And what is this delicious scent about in the air? Vanilla? Of course it is; and up that stem zigzags the green, fleshy chain of the Vanilla Orchid. The scented pod is far above, out of your reach, but not out of the reach of the next parrot, or monkey, or negro hunter who winds the treasure."—*Kingsley*. Must be grown in soil. 50 cents each.

A collection of five good Orchids for \$2, postpaid. (For general cultivation.)



*Epidendrum venosum*. (See page 41.)



# Tillandsias and Succulents.

"These, as with all great trees in the tropical forests, were loaded with parasites—vriesias, long, ragged-looking cacti, bromelias, epiphytal orchids, and the like. Tillandsias, too, of the kind known as 'wild pines,' sat snugly in the forks, or on the upper surfaces of the great limbs, flourishing as luxuriantly as if their roots rested in the richest soil."—MAYNE REID.

**AGAVE.** The Agaves are among the most valuable and striking plants that can be used in tropical and semi-tropical gardening. Many of them are useful as hedge plants, and the genus contains several of the most valuable fiber-plants in existence. Members of the whole genus are commonly called "Century Plants." They are all of great decorative value.

**A. Americana.** The CENTURY PLANT. This species and its varieties are perfectly hardy in Florida. Known also as the American Aloe; in Central America as *Carata* and *Pita*; in India as *Culthaler nar* or *Banskeora*. Besides being a splendid decorative plant, is very valuable for its fiber. Grows here in the open ground to an immense size. In Mexico the *pulque* beverage is prepared from the young flower-stalks of this species and *A. Mexicana*. 15 cents each.

**A. Americana variegata.** Beautifully striped with white. Slow to propagate. 40 cents each.

**S. angustifolia.** Grows 3 to 4 feet. Very handsome. 25 cents, 50 cents and \$1 each.

**A. Candelabrum.** Closely resembles above in size and growth. 25 cts., 50 cts. and \$1 each.

**A. coccinea.** Reaches 2 to 2½ feet in height. Leaves are dark green, and points and side prickles red. Choice. Small only. 20c. each.

**A. mitræformis.** Leaves 12 to 30, 2 to 4 feet long, dull green, having large hooked teeth. 35 cts.

**A. recurvata.** Hardy. Rich blue-green leaves, wide and gracefully recurved. The handsomest and most graceful large sort in our collection. A magnificent plant, beautiful in all sizes, and especially fine for large decorative effects. This and the two following sorts should be in every plant collection. 15 cents and 25 cents each.

**A. rigida.** The only indigenous Agave of South Florida. A handsome plant, forming at length



*Agave Americana.*



*Agave recurvata.*

**AGAVE, continued.**

a short stem or trunk, after the manner of *Yucca aloifolia*. A splendid decorative plant, with dark green, spiny leaves of elegant appearance. 20 cents, 30 cents and \$1 each.

**A. rigida, var. Sisalana.** The SISAL HEMP. (See Economic Plants, page 14.) Fine young plants, only 10 cents each. Larger, 25 and 50 cts. ea.

**A. Salmiana.** Large, quick-growing species from Mexico. 3 to 5 feet high. 25 and 75 cts. each.

**ALOE.** This genus of highly beautiful plants should be more grown. They furnish the "bitter aloes" of medicine. The juice of the leaves (of any species) is valuable for dressing wounds, cuts or bruises, and all are handsome and odd in leaf and flower. All require perfect drainage, but are not particular as to soil.

**A. fruticosa.** One of the choicest and most ornamental of all. The thick, fleshy leaves are recurved and serrate; flower-spikes 2 or 3 feet high, bearing a terminal raceme of orange-red flowers, resembling those of the Tritoma or "Red-Hot Poker Plant." 25 cents to \$1 each.

**A. humilis-minor.** 25 cents each.

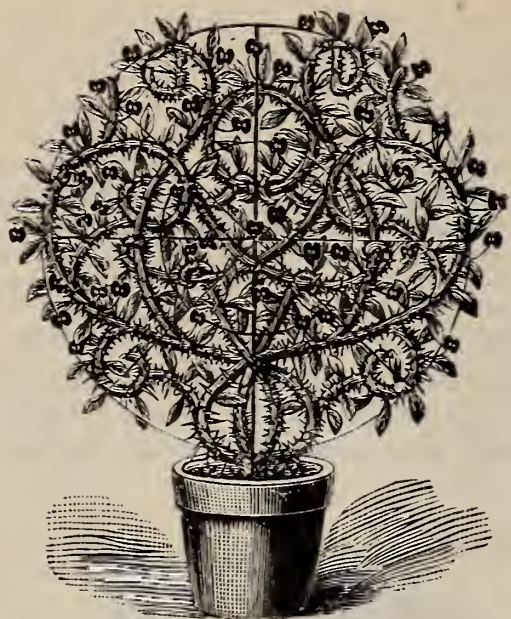
**A. latifolia.** 30 cents each.

**A. paniculata.** Very fine. 25 cents each.

**ANANASSA sativa.** The PINEAPPLE. From 10 to 50 cents each. (See Tropical Fruit Plants.)

**A. s. variegata.** Leaves green, pink and white. Rare. \$1.50 each.

**BILLBERGIA Liboniana.** A rare Brazilian species. Flowers purple. \$1 each.



*Euphorbia splendens.*

**BILLBERGIA**, continued.

**B. splendens.** Light green leaves, in a neat rosette, about a foot high, or taller. Richest scarlet and purple flowers and bracts. \$1 each.

**B., unnamed sorts.** Two growing 2 feet high. *Very handsome.* 50 cents, \$1 and \$2 each.

**BROMELIA Pinguin.** Commonly called Pinguin in Jamaica, where it is native. It is a wild pine, and very beautiful. The leaves are such a bright green, tinged with *pink and red* after it is of good size, making a rich decorative effect. It grows 3 or 4 feet high, and makes a good hedge in tropical countries, as the leaves are *broadly serrated* and armed, adding much to its picturesqueness. As a single plant in decorative work, or for the house, it is very suitable, growing in any soil, and standing much neglect. It bears an abundance of acid fruits the size of large plums. Fine plants, 15 cents each, \$1.50 per dozen. Selected, 25 cents each.

**DASYLIRION.** Yucca-like plants, natives of Mexico, and all hardy here. Popular scenic plants in the semi-tropical gardens of Southern Europe. Leaves usually narrow and grass-like when small. Many of the species are recommended as fine decorative plants. Grows from 2 to 4 feet high.

**D. acrotriche.** 40 cents each.

**D. gracile.** 40 cents each.

**D. juncifolium.** 40 cents each.

**D. longifolium.** 40 cents each.

**D. serratifolium.** The most robust and a very handsome species. 50 cents to \$1.50 each.

**D. wheeleri.** Resembles *serratifolium* very closely. 60 cents each.

**EUPHORBIA lactea** (?). East Indies. Naturalized in Cuba. It is a queer, cactus-like plant, with three-sided stems, mottled white and green. This plant is used in Cuba to form the most perfect hedge even seen. Absolutely impenetrable to man and beast; would send the thinnest Florida razor-back into paroxysms of despair. It is hardly available for that purpose in Florida, as the plant is tender, and liable to be frequently killed down unless protected. It is ornamental, however, especially as a specimen plant. Specimens in Key West are 12 or 15 feet high, with stems nearly a foot in diameter at base. 40 cents each.

**E. lactea monstrosa** (?). COCKSCOMB EUPHORBIA. Previously catalogued as *E. Jules la Chaume*. Evidently only a

**EUPHORBIA**, continued.

sport of the preceding species, as the stem frequently reverts to the triangular stem of its parent. The stem is wrinkled and compressed into flat cockscomb-like shapes; not easy to describe. It is one of the strangest-looking plants we have ever seen, and very rare; hence the confusion in definitely naming it. \$1 to \$5 each.

**E. pulcherrima** (*Poinsettia pulcherrima*). Native of Mexico. A common plant of the tropics, and well known in Northern hothouses for the great scarlet bracts surrounding its flowers, produced in winter, and often remaining bright for months at a time. Does well anywhere in South Florida outdoors, growing to large size. It is a splendid object from Thanksgiving till March 1st. If cut by frost, sprouts up readily. 15 and 25 cents each.

**E. splendens.** A thorny plant from Mauritius, well-known in greenhouses. A continuous bloomer, succeeding here in open ground. The showy, flower-like bracts are bright scarlet. 20 cents each.

**FOURCROYA Cubensis.** The Fourcroyas are very desirable plants for the center of large tubs and pots of plants, for room, hall, or outdoor summer decoration North. Will make a splendid specimen planted out in South Florida. They very much resemble some species of Agaves, though the leaves are generally more upright-growing. Also highly recommended as fiber plants. Magnificent when in bloom, the flower-spike reaching a height of 20 feet, with thousands of yucca-like, whitish flowers. 50 cents to \$2 each.

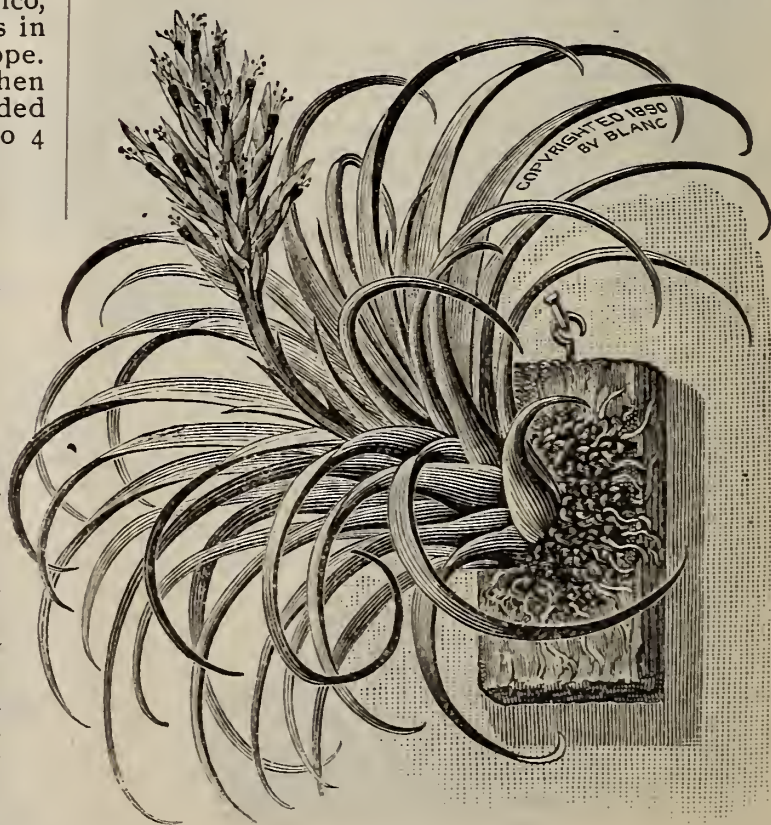
**F. Beddinghausii.** A grand sort from California, where it was introduced. 50 cents each.

**GASTERIA punctata.** Very choice plant of dwarf habit, allied to the Aloes. \$1 each.

**G. verrucosa.** 75 cents each.

**HAWORTHIA Margaretifera.** "A very pretty African plant, with leaves covered with pearl-like protuberances. *Aloe minor stricta* of gardens." A rare little gem. 75 cents each.

**PEDILANTHUS tithymaloides.** "BIRD-CACTUS." A West Indian plant, with thick, fleshy leaves



*Tillandsia.*

*Yucca aloifolia.***PEDILANTHUS**, continued.

and small, red, showy flowers. Not a true cactus at all, but a Euphorbiad. Very curious plant of easy growth. 15 cents each.

**PINGENECTITIA tuberculata.** A queer, bulbous-rooted plant, with fleshy trunk a foot or more high, surmounted with a heavy top of long, recurved, narrow leaves. The bulb sits on top of the soil like an onion. Very rare. \$2 each.

**TILLANDSIA.** "AIR PLANT" (Wild Pine). "A very large genus of ornamental plants of the easiest culture, requiring only to be attached to a block of wood, and to be watered with the other plants."

**T. Bartramii.** A small, neat species, with brilliant red bracts and purple flowers. 25 cents.


**T. bracteata.** One of the largest WILD PINES or AIR PLANTS. Full grown plants are 1 to 2 feet in diameter and height, spikes often 18 inches or more in length; the large, brilliant, crimson bracts and flower-stalks and purple blossoms, are very showy, and remain beautiful for weeks. A most valuable plant for conservatory or bay window, enduring a low temperature (though but little frost), requiring no care except an occasional spraying. Attach to wood, or hang in a small wire basket. 25 and 50c. ea.


**T. bulbosa.** Not native above the Caloosahatchie river. Very odd and pretty. Leaves 6 to 10 inches in length, often faintly striped crosswise, like the rare *T. zebrina*; base of the plant bulb-like. 25 cents each.

**T. cæspitosa.** A species with long, grass-like leaves, varying in color from gray to red; usually found in moist places. 10 cents each.

**T. recurvata.** A small species, differing but little, except in size, from *T. usneoides*. 15c. each.

 **A COLLECTION** of seven choice Succulents, our selection only, sent postpaid for \$1.

 **A COLLECTION** of Tillandsias, four sorts, one each, including some Spanish Moss, postpaid, for 50 cents.

 All plants in this Department can be safely handled **at any season** of the year.

**TILLANDSIA**, continued.

**T. usneoides.** The LONG MOSS, BLACK MOSS, or SPANISH MOSS of the South. Very effective in decorations. The effect of this moss hanging on the trees of the South is indescribable. A nice quantity for 10 cents. Per pound, 25 cts., postpaid.

**T. utriculata.** The largest native species. Leaves an inch or two in width, and 2 feet or more in length in full-grown plants. Stems very tall, 3 to 5 feet, branched and many-flowered, but not so showy as *T. bracteata*. A very rapid grower. Is easily established on a piece of wood, bark, or in a wire basket. Fine plants, 10 cents; larger, 25 cents to 50 cents.

**YUCCA aloifolia.** SPANISH BAYONET, SPANISH DAGGER. Sea coast of Southern States and West Indies. Probably not hardy north of middle Georgia. Flowers resemble those of *Y. filamentosa*, but borne on a shorter stalk. Stem arborescent; sometimes 10 to 20 feet high. Very ornamental, even when small. Will bear much neglect. 15, 25, 50 cents and \$1 each.

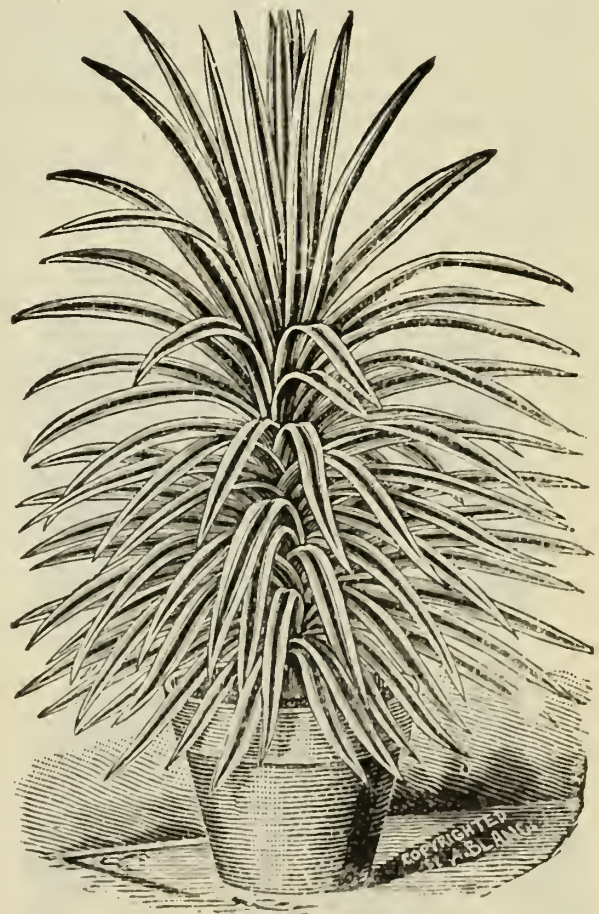
**Y. aloifolia variegata.** Leaves striped with white. Exceedingly choice. The variegation is particularly pleasing, and the plant is as hardy as the type. \$1 each.

**Y. baccata.** Very choice sort. 30 cents each.

**Y. filamentosa.** BEAR-GRASS, ADAM'S NEEDLE. Hardy, producing tall flower-spikes sometimes 2 feet in length, of snowy white, bell-shaped flowers. 15 to 30 cents.

**Y. recurvata pendula.** Of *Y. aloifolia* type, with pendulous, recurved foliage. 25 cents each.

**Y. Whipplei.** A distinct form from the Western United States. 30 cents each.

*Yucca aloifolia variegata.*

# Miscellaneous Department.

EMBRACING TENDER AND HARDY TREES, SHRUBS, CLIMBERS AND HERBACEOUS PLANTS, ORNAMENTAL, ECONOMICAL AND USEFUL, OF ALL DESCRIPTIONS;—OLD AND FAMILIAR, NEW AND RARE PLANTS.

"There's fennel for you, and columbine; there's rue for you; and here's some for me; we may call it herb-grace o' Sundays: O, you must wear your rue with a difference. There's a daisy; I would give you some violets, but they withered all."

—OPHELIA, in HAMLET.

**ABRUS precatorius.** CRAB'S-EYE VINE. "The delicate Crab's-Eye Vine, with beautiful, light green pinnate leaves, and bunches of pods, which, opening, displayed the loveliest little scarlet beans, with jet black eyes, you ever saw." Now extensively advertised under the name "WEATHER PLANT." A charming, lacy-leaved vine, suitable for window screens. 15 cents each, \$1 per dozen.

**ACACIA.** "And will they all grow in Florida? Indeed will they; and with greater luxuriance and rapidity, perhaps, than elsewhere under the sun; for the conditions of sandy soil, showery climate, and bright sunshine are precisely those in which Acacias revel."

**A. Arabica.** GUM ARABIC ACACIA. For this and following, see *Economic Department*.

**A. Farnesiana.** POPINAC, or APPOPONAX.



*Alocasia illustris.* (See page 47.)

**ACACIA,** [continued.

**A. Julibrissin** (*Albizzia Julibrissin*). "From the Caucasus to Japan. A favorite ornamental shade Acacia of Southern Europe." 30c. each.

**A.** Species from Jamaica. The most delicate, ferny-leaved Acacia we ever saw, forming small trees 15 to 25 feet high, of good form. Admirable pot-plant, or as a lawn tree in South Florida. 15c. each, \$1.50 per doz.; larger, 25c.

**ACALYPHA marginata.** The Acalyphas are magnificent plants with variegated leaves, and succeed admirably in the open ground in South Florida, sprouting up readily from the root if hurt by frost. Leaves of this variety margined with several shades, white, pink, etc. 15 cents and 25 cents.

**A. Miltoniana.** A new dwarf, with delicate cut leaves of white, cream and green. 25c. each.

**A. Mosaica.** (Mosaic-leaved.) A magnificent species, with leaves all shades of green, yellow and red, with most curious markings on the broad leaves. Grows rapidly, and is probably one of the showiest plants known. Fine for windows or as a bedding plant. Reaches large size with age, 4 to 6 feet high. 15 cents and 25 cents each.

**ACHANIA malvaviscus.** This fine old plant succeeds admirably in Florida. Grows best in a partially shaded situation, but will stand the sun well. Abutilon-like, with brilliant, scarlet flowers. 20 cents each.

**ACOKANTHERA spectabilis.** An evergreen shrub from Natal, South Africa. Perhaps hardy. Violet flowers. 50 cents each.

**AGAPANTHUS umbellatus.** AFRICAN BLUE LILY. A fine South African plant. Grows nicely with pancratiums, hedychiums and bananas. 50 cents each.

**ALBIZZIA Lebbeck.** "WOMAN'S TONGUE TREE." From Jamaica. A handsome medium-sized shade tree, bearing light frosts unharmed. Leaves are large, compound, resembling the Royal Poinciana, or the Locust somewhat. Flowers large, white, followed by long pods enclosing hard seeds, which continually rattle in even a light breeze. Fine tree for avenues. 15 and 25 cents for fine plants.

**A. procera.** Handsome quick grower. Foliage rather drooping. 20 cents each.

**ALLAMANDA cathartica** (*A. neriifolia*) Guiana. A shrubby species; named in memory of Dr.



*Antigonon leptopus.*

**ALLAMANDA, continued.**

Frederick Allamand, who sent the first specimen of it to Linnæus in about 1770. A beautiful plant for the open ground in South Florida. 15 cents and 25 cents each.

- A. *Hendersonii*. A magnificent climber. Can be grown in bush form if desired. Covered all summer with great, velvety, yellow flowers 3 inches in diameter. 15 cts. and 25 cts. each.
- A. *Williamsii*. This is a handsome new variety that is entirely distinct from all others. It is of dwarf habit, forming a compact bush, with great trusses of bloom at every point, and is nearly always in bloom. The flowers are about 4 inches in diameter, of a very rich yellow, and deliciously scented. 35 cents each.

**ALOCASIA.** Splendid, ornamental-leaved aroid plants, closely related to colocasia and caladium; of easy culture and management, growing in any soil, but preferring a low, moist situation. Splendid tropical effects can be obtained by groups of the different varieties of bananas, cannas, Alocasias, caladiums and dracænas. The Alocasias are very effective as single specimens on the lawn. Like those of the caladium, the varieties and species are much confused with regard to names, even among the most reliable and largest growers.

- A. *lataviensis (Colocasia)*. Stem dark purple, leaves rich green. Splendid. 25 cents each.
- A. *gigantea*. Foliage green; forms a large plant, sometimes attaining a height of 6 or 7 feet. 25 cents each.
- A. *macrorhiza variegata*. A very choice white and green-leaved sort, in form resembling *A. gigantea*, but beautifully variegated. 40c. ea.
- A. *illustris*. Leaves heavily blotched with black-purple. One of the most striking and beautiful of all. Attains a height of 3 or 4 feet. Will grow in the water, or in a very wet place. 50 cents each, \$5 per dozen.
- A. *Marshalli*. Very quick-growing; light-green. 25 cents and 50 cents each.
- A. *violacea*. Large, thick, shell-like leaves of a bronzy copper color; very distinct. 75 cts. ea.

**ALPINIA nutans.** SHELL-FLOWER. One of the grandest tropical scitamineaceous plants when fully developed that we have ever seen. In a

**ALPINA, continued.**

low, marshy corner of the *Jardin d'Acclimation*, Havana, may be seen a great mass of it, 10 or 12 feet in height, with large, deep green leaves, and terminal racemes 2 feet long, of brilliant yellow, orange and white flowers. 35 cents each.

**AMARYLLIS.** (Now called *Hippeastrum*, but kept under the old name for convenience.) Among the handsomest and most satisfactory of summer-flowering bulbs for the open ground in the lower South.

- A. *atamasco rosea*. Flowers large, bright pink. 15 cents each.
- A. *Johnsonii*. Crimson, striped with white; flowers very large. Profuse bloomer. \$1 each.
- A. *equestris*. "RED LILY." A familiar form. One of the best evergreen species. 25 cts. each.

**ANOGEISSUS latifolia.** An East India tree, producing valuable timber, resembling *Teak*. A good shade tree for frostless regions. 25 cents each, \$2.50 per dozen.

**ANTHOLYZA caffra.** Cape bulbs of easy culture; flowers resembling the gladiolus. 15 cts. each.

**ANTIGONON leptopus.** The ROSA DE MONTANA of Central Mexico. A beautiful climbing plant, with tuberous roots; ordinarily hardy here, but when the tops are killed down by a freeze it springs up with unimpaired vigor from the root; produces long racemes of rose-colored flowers; one of the most beautiful climbers we have ever seen; grows and flowers freely all through Florida. Ready in April and later. 10 cents each, \$1 per dozen.

**ARALIA.** Very ornamental plants for greenhouse culture, and for open ground in South Florida. Grand decorative and bedding plants, growing so quickly, and having rich variegations and delicately formed leaves. Plants with age reach a height of several feet.

- A. *filicifolia*. Leaves fern-like; petioles marked with oblong white spots. Exceedingly elegant. 30 cents and 50 cents each.
- A. *Guilfoylei*. A very handsome species with variegated foliage, green, white and cream. A rapid grower, and one of the most showy of the genus. An elegant and easily grown pot-plant. 20 cents and 40 cents each.
- A. *latifolia*. Very bold and rich in appearance. Green and pale yellow. A fine sort. 25 cents and 50 cents each.
- A. *papyrifera*. CHINESE RICE-PAPER TREE. (See Economical Plants; also, *Panax*.)



*Aralia Guilfoylei.*

**ARDISIA crenulata.** A choice half-hardy broad-leaved evergreen, bearing a profusion of scarlet berries which hang on all winter. Resembles holly somewhat. Dwarf. 40 cents each.

*Aristolochia elegans.***ARDISIA**, continued.

**A. crenulata alba.** White berries stay for months on this handsome evergreen. Splendid decorative plant. 25 cents each.

**ARISTEA Eckloni.** A summer-flowering bulbous rooted plant from the Cape, producing blue flowers somewhat like an iris. 30 cents each.

**ARISTOLOCHIA elegans.** One of the best and handsomest summer climbers; the growth is rapid and very dense. It is a profuse bloomer, and its elegant, dark purple flowers, blotched and waved with creamy white, are very striking. 15 cents each, \$1.50 per dozen.

**ARTROBOTRYS odoratissimus.** A tall shrub from India. The evergreen leaves are thick and glossy, and while it forms an extremely ornamental shrub, its chief attraction is the wonderful fragrance of the flowers; this can be likened to the fragrance of the fruit of the banana and pineapple combined. Perfectly hardy in Florida. 50 cents each.

**ASPARAGUS plumosus.** A fine decorative plant, and taking the place to a great extent of the long popular smilax; foliage extremely fine and lace-like. 50 cents each.

**A. Sprengeri.** One of our recent introductions from South Africa, now being extensively advertised among the florist trade. Peculiarly much branched, very elegant, fine-leaved foliage plant. 50 cents each.

**ASPIDISTRA lurida.** A fine decorative plant, hardy as far north as Jacksonville. Leaves 8 to 12 inches long, and 4 to 6 inches wide, of a deep green color. Used largely as a vase plant. 30 cents each.

**A. lurida variegata.** Broadly striped with white. 50 cents each.

**AUCUBA Japonica.** GOLD-DUST TREE. Handsome broad-leaved evergreen shrub, with variegated foliage. Plant in partial shade. 50 cents each.

**AZALEA Indica.** These beautiful shrubby plants are always favorites whether in Northern conservatory or as growing in the South on the shaded lawn. Perfectly hardy in the South, they form large specimens and bear annually

**AZALEA**, continued.

quantities of lovely flowers. Many varieties in single and double blooms, and in colors from pure white to crimson. Fine plants, 12 to 15 inches high, with flower buds, 75 cents each, \$7 per dozen; 8 to 10 inches high, with buds, 50 cents each, \$5 per dozen.

**BAUHINIA. MOUNTAIN EBONY.** "Named by Plumier in memory of the two famous botanists of the sixteenth century, John and Casper Bauhin, brothers; the leaves being simple, but two-lobed, which circumstance, it is said, gave occasion to Plumier to name this genus from the two brothers."—*Don*. This is an extensive genus of tropical plants, creepers, shrubs and trees, widely diffused throughout the tropics, and especially abundant in South America and India. Family *Leguminosæ*, which, however, at a glance would not be apparent. Flowers of all species are handsome. Kingsley, while at Port of Spain, Trinidad, speaks of "The Bauhinias, like tall and ancient white thorns, which shade the road"—but most of the species are creepers or shrubs. Though not perfectly hardy, so far as our late extraordinary arctic waves are concerned, still many of the species are destined to become great favorites in South Florida gardens and lawns, as they are of rapid growth, perfectly adapted to our sandy soil, and sprout up readily from the ground. Some species are admirably adapted for greenhouse culture.

**B. acuminata.** India. One of the most satisfactory of all, either for open ground or greenhouse culture, as it will bloom the first summer, when but a few months old and but a foot or two high, and in succeeding summers blooms continuously from May to September. Whether they could be forced so as to bloom in winter we do not know. Flower single, pure white, from 2 to 3 inches in diameter. Leaves of the richest and most delicate green, curiously two-lobed, closing at night. 25 cents each.

**B. alba.** A taller grower than *Acuminata*, blooming in late winter and early spring. Pure white, exquisite flowers, 3 inches across. Comparatively hardy here. Very quick-growing and ornamental, even when not in bloom. 40 cts.

**B. purpurea.** From East Indies. Without doubt the finest flowering small tree (or shrub) in our grounds. Visitors throughout the whole winter and spring rave over the exquisite orchid-like flowers, so dainty and yet so rich in color. Flowers are borne in the greatest profusion, 3 to 5 inches across, varying in color from

*Azalea Indica.*

*Bauhinia purpurea.***BAUHINIA**, continued.

almost white to a shade of rich purple, and marked and shaded with many tones. We cannot describe them; they are grand! The plant is very robust and hardy here, growing to a height of 15 feet in less than 2 years, and blooms all winter and spring. 25 cents each.

**B. variegata.** Strong grower, like *purpurea*, with more pointed leaves, and flowers variegated in red, white and yellow. A glorious flower. Reaches 20 feet in height. From Malabar. 30 cents each.

☞ A set of three of the foregoing for 75 cents, YOUR CHOICE

**B. Galpini.** Introduction of 1894 from India. A dwarf shrub, freely producing brick-red flowers all summer. 50 cents each.

**BEAUMONTIA grandiflora.** India. A strong-growing climber, with large leaves. Said to have beautiful, large white flowers, approaching the oleander. 40 cents each.

**BISCHOFIA Javanica.** Mountains of Java. A tree 60 feet in height. Wood hard and red. 50 cents each.

**BIGNONIA.** The two genera, *Bignonia* and *Tecoma*, include many splendid plants, most of them climbers. (For other species, see *Tecoma*.)

**B. argyreo-violascens.** This is a new departure in this elegant class of plants. The leaves are a beautiful violet color, veined with silver. It is a strong climber, attaching itself to a wall with peculiar, claw-like tendrils, which will cling to the smoothest surface. The purple flowers are freely produced on drooping panicles. In this *Bignonia* we certainly have an acquisition. 30 cents each.

**B. capreolata.** Our beautiful hardy evergreen Southern species. One of the best climbers to be had. Flowers orange-red, in February, and very handsome, as are the dark green, glossy leaves. 15 cents each.

**B. suaveolens** (*B. noctiflora*, *B. gratissima*, *B. chelonoides*, *Tecoma suaveolens*). Bengal. A tree with dark, dull, crimson-colored flowers, exquisitely fragrant. 75 cents each.

**B. Thunbergiana.** An elegant sort, which climbs on wood or stone, producing in spring large, golden-yellow flowers in profusion. 25c. each.

**B. venusta.** A magnificent evergreen climber, bearing trusses of richest orange-red flowers through winter and spring. Half-hardy. Fine pot-plants, 40 cents each.

**BOUGAINVILLEA glabra.** This splendid tropical climber has few equals in beauty. We remember well a low, rambling cottage in the outskirts of Havana, whose roof and sides and veranda presented almost a sheet of richest color, the glowing purple of the bracts of *Bougainvillea*, with a background of its own rich green foliage. The bracts are very persistent and very freely produced. A good plant for South Florida. Bank up the stem a short distance in early winter. 35 cents each.

**B. splendens.** Bracts approaching pink in color, and freely produced. Very choice. 40c. each.

**BRYOPHYLLUM calycinum.** An odd and rapid-growing succulent. Flowers green, in form of bladders. One of those strange plants that are propagated from leaves. Extremely curious. The leaves are frequently pinned on a wall, and the growths noticed as they sprout out from the notches on them. 10 cents each.

**BUXUS sempervirens.** DWARF BOX. A small-leaved evergreen of slow growth, adapted for low hedges. Is hardy all over the Southern and many of the Northern states, and is well known. 20 cents each, \$2 per dozen.

**CÆSALPINIA regia** (*Poinciana regia*). The FLAMBOYANTE, or ROYAL POINCIANA. Madagascar. One of the most beautiful trees we have ever seen. Of extremely rapid growth; immense decomposed leaves, of a very dark rich green; gives a striking tropical effect. In groups of tropical plants almost as effective as a palm. 25 cents each.

**C. pulcherrima** (*Poinciana pulcherrima*). The BARBADOES FLOWER FENCE. "Beyond it, again, blaze great orange and yellow flowers, with long stamens, and pistil curving up out of them. They belong to a twining, scrambling bush, with finely pinnated mimosa leaves. That is the 'Flower Fence' so often heard of in past years."—*Kingsley*. Flowers of this species, delicate orange and red. Should be more grown in the greenhouse at the North, as it flowers freely when a foot or two in height. It is a native of the East Indies and of Tropical Africa, whence it was early introduced to South America and the West Indies. It has also been called "Spanish Carnation," "Wild Senna," "Barbadoes Pride," and its French name is "*Poinciade*," or "*Fleur de Paradis*." A magnificent window plant, combining the beauty of mimosa leaves with gorgeous flowers; blooms continually upon the new growths. 15 cents each, \$1.50 per dozen.

**C. pulcherrima flava.** Flower clear yellow. Plant exactly similar to preceding. 20 cents each.

**CALADIUM bulbosum.** FANCY-FOLIAGED CALADIUM. Splendid ornamental foliage plants, dying down through the winter months. Leaves marked with the brightest colors, and sometimes with pure white, almost transparent. No other ornamental plant affords so much richness and delicacy of coloring. Prefers a moist, shady location. Several sorts mixed. 15 cents each, \$1.50 per dozen.

**CALATHEA crotalifera.** RATTLESNAKE PLANT. An elegant new species of this maranta-like plant, received by us with an invoice of unnamed Gautemalan plants. The magnificent broad leaves on long curved stems form splendid specimens, which attain a height of 6 or more feet. Flowers yellow. 75c. each.

**CALODENDRON capense.** CAPE CHESTNUT. South Africa. One of the handsomest trees of the Cape of Good Hope. Deciduous; beautiful flesh-colored flowers, in terminal panicles. 75c.

**CALPURNIA sylvatica.** A yellow-flowered shrub from South Africa. Very handsome. 50c. each.

**C. lasiogyne.** 40 cents each.

**CALYCANTHUS floridus.** SWEET-SCENTED SHRUB.*Camellia Japonica.*

Well-known and hardy throughout most of the United States. Flowers rich, velvety brown, double and deliciously fragrant; remains in bloom for a long time. Flowers always popular for button-hole bouquets, rivaling the tuberoses in that respect. 25c. each, \$2 50 per doz.

**CAMELLIA Japonica.** Camellias do well in Florida after once becoming

established. They prefer a soil rather moist, but not wet; also a clayey subsoil; but we have very good success growing them only in sand. The Camellias of Tallahassee and North Florida are immense, which shows their adaptability to our state. Fine plants in many varieties. 50 cents and \$1 each.

Single-flowered sorts, mixed seedlings, which grow faster than double ones, fine young plants, 20 cents and 25 cents each.

**CANNA.** These splendid, broad-leaved plants are used in semi-tropical gardening with rich effect. In South Florida the roots can be left in the ground the year through, and if the tops are frosted down in winter, in spring the new shoots will soon be out as large as ever. Care must be taken to *remove the old* or flowering stems, as soon as their beauty is past, to allow new and better growths to come forward. By this means your beds will be healthy, and always have a succession of flowers.

**C. flaccida.** Native of the Florida swamps, but deserves cultivation universally as a bedding plant. Of dwarf habit, but producing quantities of large, iris-like flowers 3 inches in diameter, of a rich golden yellow. When once fairly introduced we predict for this plant a great popularity, as it will prove invaluable as a foreground in groups and beds for tall-growing Cannas, caladiums, etc.; is grown with the greatest ease, and content with any soil. 10 cents each, 80 cents per dozen.

**C. Indica.** Beautiful red and yellow-flowered varieties, with both green and bronze-red foliage; *Robusta, Ehemanni, Ornamente de Grand Ronde, Angus Fourier, Marechal Vaillante*, etc. 15 cents each, \$1 per dozen.

**CATALPA speciosa.** The CATALPA. A large tree, having handsome, pointed, cordate leaves of good size, furnishing a deep shade, and sweet-scented white or cream colored flowers. First-class lumber tree. Planted extensively in the West for furnishing railroad ties, which last well. Very quick grower, and at home in the South. Deciduous; fine tree. 10 cts., 15 cts., and 25 cts. each; 75 cts. to \$2 per dozen.

**CELASTRUS nutans.** Province of Mysore. A large, climbing and twining woody creeper. Flowers borne in profusion, in large, open bunches; star-shaped, about an inch across, on a long stem. Pure white in the morning when first open, changing to pink, and finally to richest shades of scarlet toward the close of day. Of quick growth and remarkable beauty; rare. 25 cents each.

**CELTIS Kraussiana.** The AFRICAN HACKBERRY TREE. Hardy in Florida. Is a good shade tree of medium size. 40 cents each.

**CESTRUM diurnum.** The "DAY JESSAMINE." A handsome, quick-growing evergreen shrub, of a tropical nature (succeeds perfectly in South Florida), producing quantities of scented white flowers, valuable for cut-flower work, and somewhat resembling candytuft. A good pot-plant. 25 cents each.

**C. nocturnum.** Jamaica, Chili, Mexico. The famous NIGHT-BLOOMING JESSAMINE. The flowers are produced in great profusion; very fragrant at night; said to be the most valuable of all perfume plants. 25 cents each.

**CLERODENDRON.** A genus of widely different plants, embracing climbers, herbaceous plants, shrubs and trees. All desirable.

**C. Balfouri (C. Thompsoni).** A climber of great beauty. The flowers, which are of a bright scarlet, are encased by a bag-like calyx of pure white; the panicles of the flowers are upwards of 6 inches in width. Free-blooming. Sprouts from the root readily when top is frosted back. Excellent window vine. 20c. each, \$2 per doz.

**C. fragrans.** This half-shrubby plant is much neglected, and should be more grown by all, in the greenhouse North and in the open ground in Florida, for its large clusters of double, pure white and exquisitely-scented flowers. Leaves and stalk ill-scented. 20 cents each.

**C. Siphonanthus (Siphonanthus Indicus).** TURK'S TURBAN. A good shrub for the lawn, producing immense terminal racemes of flowers, not showy, but followed by very showy red and purple berries, which remain on a long time. 25 cents each.

**C. viscosissima.** An extremely desirable species. A tree with very showy flowers; hardy as far north as North Florida. 25 cents each.

*Catalpa speciosa.*



- COLOCASIA Himalayensis.** An immense quick-growing, large-leaved plant, closely related to alocasia and caladium. Remarkably effective for summer decorative use in lawn or garden. Leaves much darker and of a more pleasing green than *C. antiquorum* (See Economic Department). Strong plants, 25 and 50 cts. each.
- CORDIA Sebestena.** The SEBESTEN PLUM of the West Indies. GEIGER-TREE of the Lower Keys. A large bush, or small tree, with orange-scarlet flowers. Tropical. 40 cts. each.
- COSTUS speciosa.** "Up we pushed along the narrow path, past curious, spiral flags (*Costus*) just throwing out their heads of delicate white or purple flowers."—*Kingsley*. Native of Central America and Lower Antilles. 40 cents.
- CROSSANDRA undulæfolia.** East India. A beautiful evergreen greenhouse shrub; very free-flowering. Flowers large, in terminal four-cornered spikes; rich orange red. 25 cts. each.
- CRINUM.** These magnificent flowering bulbs are closely related to amaryllis and pancratium. Evergreen, of easy culture; in Florida in the open ground, at the North in the greenhouse. Many of the choice sorts rarely produce new bulbs, and consequently are very high priced.
- C. amabile.** Sumatra. Very rare species, with very fragrant flowers borne in immense clusters—"20 to 30 in an umbel, tinged red;" tube red, and about 3 or 3 inches long. A few strong plants, \$1 each.
- C. Americanum.** A most beautiful plant, producing umbels of large, white, lily-like flowers, often 6 or 8 to the spike. A native of the Florida swamps, but, like most of the Crinums, not particular as to soil or situation. 20 cts. each, \$1 per dozen.
- C. cappelidum.** A magnificent hybrid between the huge *C. pedunculatum* (St. John's Lily) and a fine type of *C. Capense*. It has the stately habit and almost the size of the larger parent, while the flowers are broad-petaled, widely open, and very numerous, of a crisp whiteness, sometimes assuming a rosy tint before they fade. We have the *entire stock*, which has never been offered before. Large bulbs, \$2.50 each; smaller, \$2 each.
- C. Capense.** A beautiful sort from Cape of Good Hope. Flowers waxy pink and white, and borne in profusion. \$1 each.
- C. fimbriatum.** NASSAU, or MILK AND WINE LILY. A strong grower, not particular as to soil. Flowers in umbels, very large and showy, striped white and carmine, 3 to 4 inches in diameter. Exceedingly choice and desirable. 20 cents each, \$1.50 per dozen.
- C. hybridum Todoræ.** An Italian hybrid, resembling *C. cappelidum*, but not so large, either in flower or plant. \$1.25 each.
- C. Kirkii.** Previously catalogued as *sp. 2*. The flowers are large, pure white, with a reddish purple stripe on the outside of each petal, which, showing through, gives the flower a pink tinge on the inside; some 10 to 15 of these large flowers are produced at the top of a tall purple spike, and there are frequently two or more spikes of bloom from the bulb during the season. In addition the foliage is very handsome, the numerous wavy-edged leaves forming a perfect rosette. Flowering bulbs, 35 cts. each; large and heavy, 50 cents to \$1 each.
- C. Kunthianum.** Vigorous grower and abundant bloomer, from New Grenada. Flowers lighter than *C. scabrum*, and the whole plant taller and larger. Very fine, 75 cents each.
- C. scabrum.** Tropical Africa. Five to 10 flowers in an umbel, of a dull white, tinged with rosy red. Leaves light green, spreading, with wavy edges. Very choice species. 50 cts. to \$1 each.

## CRINUM, continued.

**C. Virginicum.** A choice hybrid, originated in England; flowers very large and widely opened, white and rosy pink. One of the best. \$1 each.

**CROTON.** These splendid plants are natives of the South Sea Islands, but are now universally grown in warm countries in the open ground, and in all Europe and the United States as a choice hothouse plant. They ordinarily survive our South Florida winters, but need protection on frosty nights. They make splendid pot-plants for the piazza or window garden. Leaves are brilliantly variegated in every color of the rainbow, and present a fine appearance. A *grand bedding* plant, standing the *hottest* sunshine, which adds greater brilliancy to their colors. We have about 40 distinct sorts, all of which, if planted out in the spring, will make good specimens by autumn, when they can be lifted and potted for the house. 15 cents each, \$1.50 per dozen for strong plants in 3-inch pots. Large specimens, 25 cents each, \$2 per dozen; 35 cents, 50 cents and \$1 each.

**CURCULIGO recurvata.** Bengal. A palm-like plant, much resembling a young cocoanut palm. Much used in decorative work by florists, and valuable for vases and jardinères. Fine plants, 25 cents and 50 cents each.

**CRYPTOLEPIS Buchanani** (*C. Wightiana*, *C. reticulatum*, *Nerium reticulatum*). East Indies. A twining shrub with yellow flowers resembling these of an Echites. 50 cents each.

**DEUTZIA.** Deutzias are well-known spring-flowering, hardy shrubs, favorites with every one, and succeed in Florida. We have a few of the best sorts; viz., **Crenata**, **Double Pink**, **Double White**, **Fortunei** and **Pride of Rochester**. Varying in all shades of white and pink. 25 cents each, \$2 per dozen. (Assorted, if desired.)

**DIEFFENBACHIA.** A genus of noble, erect, tropical evergreen perennials, with handsomely variegated foliage. Stems are fleshy, and from 6 to 8 feet in height. They thrive in light soil, well enriched, and enjoy heat like a *Musa* or *Canna*.



*Cestrum diurnum.* (See page 50.)



*Croton.* (See page 51.)

**DIEFFENBACHIA**, continued.

- D. Baraquiniana.** "Leaves bright green, irregularly spotted with white; 6 to 12 inches long. The midribs and petioles are shining, clear ivory white." 35 cents each.
- D. Bausei.** "Leaves yellowish-green, margined and irregularly blotched with dark green, and profusely spotted with white; broad; from 1 to 1½ feet long. Petioles white." 35 cents each.
- D. nobilis.** "Leaves deep, rich green, profusely blotched and spotted with white, except at the edges, where the ground color forms a broad, marginal band; petioles pale green, transversely banded with dark green." 35c. each.

**DILLENIA Indica.** A large, tropical tree, from India, bearing very large, handsome foliage and immense white or cream flowers, richly scented. Evergreen, and no doubt suitable for extreme South Florida; to plant outdoors for shade. Young plants, 30 cents each.

**DOMBEYA Natalensis.** A shrub from South Africa. Large white and pink flowers. Strong grower. 75 cents each.

**DRACÆNA.** DRAGON TREE. A large genus of ornamental-leaved plants, now extensively grown for decorative purposes. The richly colored leaves give a splendid tropical effect. Potted specimens could be sunk on the lawn or in the flower garden, and only removed to the house during a few frosty nights of December and January; or, planted in the open ground, they would rarely need protection in South Florida. Very easily moved and transplanted.

- D. amabilis.** Leaves glossy green, marked with pink and yellowish white. 35 cents each.
- D. Anerleyense.** Leaves thick, broad, rounded, dark green, touched with pink and crimson on edges. 30 cents each.
- D. Braziliensis.** Wide, thin green leaves, giving a rich, tropical effect. 25 cents each.
- D. Cooperii.** Long, light-green leaves, edged with plum color; beautifully recurved. 30c. ea.
- D. ferrea.** Foliage broad, of a uniform clear, dark crimson. A very distinct and striking plant. 25 cents each.
- D. fragrans (Aletris).** Africa. Flowers fragrant; foliage rich green. A striking plant, and one that reaches a large size. 35c. each.
- D. Guilfoylei.** Leaves 1½ to 2 feet long, striped red, light rosy pink, yellowish white and green. From Australia. 35 cents each.
- D. Haageana.** New sort; light-green leaves, 6 to 8 inches long, by 2 inches wide. Pretty form and habit. 30 cents each.
- D. Hookeriana.** Newly imported (1894) from South Africa. Habit like *fragrans*. Very choice, rare species. 50 cents each.

**DRACÆNA**, continued.

- D. Massangeana.** Green and creamy white, beautifully striped. Habit like *fragrans*. Very choice, large sort. 45 cents each.
- D. Mrs. Wills.** Light green leaves, of *terminalis* type, edged with white. Very fine. New. 30 cents each.
- D. nigro-rubra.** Leaves dark brown, with rosy-crimson centers, the young foliage usually the latter showy color. Erect growth. 40 cts. each.
- D. recurva.** Broad, green leaves, edged with plum-color. Handsome form. 35 cents each.
- D. regina.** Linear-lanceolate green leaves, with delicate pink edges. 30 cents each.
- D. Souvenir de Une.** Long narrow leaves, rich bronze-red, with red edges. Fine. 35c. each.
- D. terminalis rosea.** Foliage green, marked with pink, white and carmine. Most of the newer sorts are seedling hybrids from this very valuable species. 20 cents and 30 cents each.

All *Dracænas* need rich, sandy loam, well-drained, and rather high temperature to do the best. They will withstand considerable cool weather (but no frost) in their more dormant or resting season.

**DURANTA Plumierii.** GOLDEN DEW-DROP. South America. Delicate lilac flowers, borne in racemes, followed by yellow berries. Often used as an ornamental hedge-plant in the East Indies. Flowers of both species resemble forget-me-not, only larger; and the yellow berries are held on the bush for months, giving a neat and handsome appearance. 15 cents each, \$1.50 per dozen.

**D. Ellissii.** Lighter blue flowers than above, but otherwise similar. 15 cts. each, \$1.50 per doz.

**EHRETIA serrata.** HELIOTROPE TREE. Quite hardy in this latitude. Reaches fair size. Bhotan, Nepal, Bengal and other parts of India. Flowers odorous, with a honey-like smell. Drupes red, the size of a pea; said to be edible. 25 cents to \$1 each.

**ENTADA polystachys.** A handsome, pinnate-leaved woody climber, bearing white flowers in dense spikes. A new plant of quick growth from the West Indies. 30 cents each.

**ERANTHEMUM nervosum (Dædalacanthus nervosus, Eranthemum pulchellum).** A beautiful winter and spring-blooming plant, producing a profusion of deep blue flowers. Well adapted for open-air culture in South Florida. 15c. each.

**EUCHARIS Amazonica** AMAZON LILY. Flowers pure white, star-shaped, 4 inches across, and very fragrant. Requires plenty of moisture. A very choice plant. 50c. each.

**EUONYMUS Japonicus.** CHINESE BOX or SPINDLE TREE. A hardy, dwarf evergreen, very suitable for hedges. Single specimens are good lawn shrubs. 25 cents each, \$2.50 per dozen.

**E. Japonicus argenteus.** Silvery variegated form. A very choice, hardy shrub. 25 cents each, \$2.50 per dozen.

**E. radicans.** From Japan. A vigorous creeping and



*Deutzia.*



*Gardenia florida.* (Cape Jessamine.)

**EUONYMUS**, continued.

climbing species, with green foliage, which is a beautiful reddish bronze in winter. Valuable for rapid covering, etc. 25 cents each.

**EXOCHORDA grandiflora.** A hardy shrub from North China, producing large white flowers. Now much planted in cemeteries. A fine plant, allied to *Spiræa*, which should be in every collection. 20 cents each, \$2 per dozen.

**FICUS aurea.** Our beautiful native RUBBER TREE. (See Tropical Fruits.) 35 cents each.

**F. australis.** New South Wales. A handsome species. 50 cents each.

**F. elastica.** The true RUBBER TREE. (See Economic Department.)

**F. macrophylla.** MORETON BAY FIG. Queensland. Said to be one of the grandest of Australian avenue trees. Probably hardy in South Florida. 75 cents each.

**GALPHIMIA nitida.** Mexico. A pretty little shrub, hardy here, reaching a height of 4 to 6 feet, and *constantly* covered with rich yellow flowers, in spikes. "A good thing." 20c. each.

**GARDENIA florida** (*G. Jasminoides*, *Jasminum Capense*). CAPE JESSAMINE. (*Jasmine del Cabo*.) A well-known and popular plant, producing its large, fragrant white flowers from May to September. A native of China, instead of the Cape of Good Hope, as the name implies. Hardy throughout the lower South. Makes a very beautiful ornamental hedge. Hardy as far north as Virginia. A grand evergreen pot-plant, easily grown, and very popular. Fine plants, 10 cents each, 80 cents per dozen; larger, 15 cents and 25 cents each, \$1 and \$2 per dozen, \$5 and \$8 per 100.

**G. lucida.** Native of India and the Island of Luzon. A shrub or tree with shining leaves and large, pure white, fragrant flowers, five-parted. 50 cents each.

**GELSEMIUM sempervirens.** CAROLINA YELLOW JESSAMINE. Not cultivated to the extent it deserves. Will grow on any land, rich or poor, wet or dry. Quick-growing, and for several weeks in the spring literally covered with its lovely, fragrant yellow flowers. One of the very best of our hardy climbers. 15 cts. each, \$1.50 per dozen.

**GLEDITSCHIA ferox** (*G. orientalis*). Native country unknown. A hardy tree, 30 to 50 feet high, thickly beset with strong, branching thorns; closely related to our "Honey Locust." Fine pot-plants, 30 cents each.

**GOLDFUSSIA anisophylla.** India. Produces a profusion of light blue flowers in early spring. In the open ground in South Florida it grows to a large bush, and is unequalled among our spring-flowering plants. A fine pot-plant. 15c. each.

**GORDONIA laisanthus.** LOBLOLLY BAY. A native tree that should be more cultivated. A handsome evergreen shrub or tree, with lovely snow-white flowers, 3 inches in diameter, produced all summer. Will bloom when very small. Hardy as far north as Virginia, perhaps farther. 15 cents and 25 cents each.

**GRUMELIA capensis.** An unknown plant from Natal. Looks interesting. 50 cents each.

**GREVILLEA robusta.** AUSTRALIAN "SILK-OAK." A splendid, fern-leaved tree, growing 120 feet in height. Evergreen, and especially adapted as a shade tree for Florida. Thousands are being annually planted. Also used by florists in decorating apartments, etc.; a magnificent pot-plant. Strong plants, 25 cents and 50 cents each.

**HABROTHAMNUS coccineus.** A very choice ornamental, shrubby plant, related to *Cestrum* (which see). The rich, dark pink flowers are pendulous and borne in profusion, and are followed by purplish red berries (not edible). Very handsome. A fine pot-plant. 25c. each.

**HAMELIA patens.** West Indies; South Florida, along the coast. We have faith that this beautiful and almost unknown plant will become a favorite in greenhouse culture, where it deserves a prominent place. The leaves have a purplish hue at some seasons of the year, and the flowers are of a bright orange-red color. In Florida it must surely become a favorite for open-air planting, as it is here rarely killed down by frost, and when it is, sprouts up readily from the root, and blooms the following summer. It is in bloom for many months, and we have no doubt could be forced at any season. With age, it becomes a woody shrub, 5 to 12 feet in height. 25 cents each.

**H. sphaerocarpa.** Flowers orange-yellow, and quite distinct from *H. patens*. 30 cents each.

**HEDYCHIUM coronarium.** GINGER LILY, BUTTERFLY LILY. This magnificent plant flourishes best on a low, moist land, where it will form a dense clump, 3 to 4 feet high. The mass of fragrant, pure white flowers, looking almost like large, white butterflies, are borne in large clusters, terminal on every stalk. If kept in the house in a growing state, it blooms continuously. 15 cts. each, \$1.50 per dozen.



*Hamelia patens.*

*Hydrangea.*

**HEDERA helix.** The true ENGLISH or KENILWORTH IVY. A valuable and well-known evergreen climber; hardy as far North as Philadelphia. In Florida it prefers the north side of a house or wall. 25 cents each.

**HELICONIA Bihai.** WILD PLANTAIN; "BALISIER." These magnificent plants are native of tropical America, where they rival even the bananas in beauty and magnificence of foliage. The plantain-like leaves are followed by great scarlet and black blossom-sheaths, of the richest tints and colors. 50 cents each.

**HEMEROCALLIS Kwanso.** DAY LILY. A popular hardy plant, with lily-like flowers in bloom all through the summer. Orange yellow. 15c. ea.

**H. Kwanso fl. pl.** Flowers double. 50 cents.

**HIBISCUS.** A genus of most desirable ornamental flowering plants of easy culture. The flowers are of various colors, both single and double, and usually 3 to 6 inches across.

**H. abelmoschus.** Large single canary yellow flowers, blooming all summer. Height of plant 3 to 4 feet. The flowers must be gathered, or seed will set so freely that the blooms will be small and few. 20 cents each.

**H. grandiflorus.** Swamps of Southern states. Flower 4 to 6 inches in diameter, pale rose or white. In favor as a lawn plant. 25c. each.

**H. Rosa-Sinensis.** SHOE BLACK PLANT; CHINESE HIBISCUS. These showy and well-known plants are among the most valuable lawn or garden plants for Florida. They stand but little frost, but are of such quick growth from a well-established root that even the occasional loss of the tops is not a serious matter. Bank up for a few inches in the fall. In the course of a few favorable seasons some will reach a height of 10 feet, blooming profusely all the time. Single sorts are better growers and bloomers than the double ones.

Single Scarlet, Double Scarlet, Single Pink, Double Pink, Double Salmon-Yellow, and Versicolor. Fine pot-plants, 15 cents each; larger, 25 cents each.

**H. Species.** New unnamed Hibiscus of unusual merit. Leaves deeply cut and divided, and plant making a good-sized shrub, 4 to 6 feet high and 6 to 8 feet wide. It is an annual, and plants should be set out in spring or early summer. Blooms are 4 to 5 inches wide, rich magenta to garnet-red; commencing to bloom early in autumn and continuing till frost. 15 cents each, \$1 per dozen.

**HOMOCELTIS Japonica.** A fine deciduous, hardy shade tree, of good form. New. Makes a beautiful round-headed tree; admirable both for single specimens and for street planting. 15 cents and 25 cents each.

**HYDRANGEA.** GARDEN HYDRANGEAS. Splendid plants for outdoor culture in Florida; hardy here. Flowers changeable.

*cærulea.* Flowers bluish rose. 20 cents each.

*Hortensis.* Pink. Hydrangeas like plenty of moisture and shade, or partial shade, is of benefit. 30 cents each.

**Thomas Hogg.** Flowers large, pure white; valuable for cemetery decoration as a pot-plant, or in open ground here. 25 cents each.

**Red-Branched.** New sort, with reddish pink flowers. 30 cents each.

**ILEX Dahoon.** DAHOON HOLLY of the Southern states. One of our most valuable broad-leaved evergreens. Leaves richest glossy green; tree covered with bright red, shining berries in fall or winter. Small. 15 cents each.

**I. opaca.** Common AMERICAN HOLLY. Wood very valuable, white, and much used in scroll work, etc. In beauty of leaves and berries little or none inferior to the famous English Holly. The beautiful scarlet berries remain on all winter, and the branches are much used in Christmas decorations. 25 cents each.

**IRIS hexagona.** BLUE FLAG (*Flower-de-Luce*). A hardy Southern variety of the greatest possible beauty. The loveliest flower of the whole South. Rich purple and blue, with yellow markings. 3 to 4 inches across, resembling the costliest orchid flower. Blooms in spring. 10 cents each, \$1 per dozen.

**I. Kämpferi.** JAPANESE IRIS. The finest flowered of all Iris, in many shades of color, and flowers often a foot wide. Strong plants, 25 cents each, \$2 per dozen.

**IXORA coccinea** (*I. grandiflora*). FLAME-OF-THE-WOODS. East Indies, China and Ceylon. A shrub, 3 to 4 feet in height, with elegant corymbs of scarlet flowers. 20c. each, \$2 per doz.

**I. parviflora.** Introduction of 1894, from India. Cannot state whether the flowers are scarlet, pink or white in color. Small plants, 25c. ea.

**I. rhusifolia.** Sumach-leaved; very good. 30 cents each.

**JACARANDA mimosæfolia.** One of the grandest foliage plants imaginable. Alike valuable for florists' decorations, conservatory, bedding in the North during summer, or planted out as a single lawn specimen here in Florida, where if frost cuts it back it rapidly recovers its beauty. Leaves large and very finely cut (decompound), like a fern, and spreading nicely from the stalk, making a grand show. Flowers blue, in racemes, 15 cents and 30 cents each.

**JACQUINIA armillaris.** West Indies, Bahamas; South Florida. "A low tree, with leaves somewhat like box, but obovate, and racemes of little white flowers of a delicious honey scent. It ought to be, if it be not yet, introduced into England as a charming addition to the winter hothouse." 50 cents each.

**JASMINUM.** JESSAMINE. Jessamines are favorites everywhere on account of their combined beauty and fragrance. They are among the best of perfumery plants, many hundreds of acres being devoted to their culture in Italy and Southern France. For the so-called "Cape Jessamine," see Gardenia.

**J. gracillimum.** Is one of the most distinct in its graceful habit and in the abundance of its large, sweet-scented flowers, which are also more copiously produced. It appears to be a small species, with long, very slender branches, springing from low down on the stem and curv-

**JASMINUM**, continued.

ing over on all sides, weighed down by terminal globose panicles. "A flowering shoot is produced from every joint, which terminates in a dense cluster of pure white, fragrant flowers."

—*Saul*. Stands considerable frost, and makes a bush 5 or 6 feet high. Will climb or scramble to a height of 10 feet, if given support. Fine plants, 25 cents each, \$2.50 per dozen. Smaller, 15 cents each, \$1.50 per dozen.

**J. humile**. ITALIAN YELLOW JESSAMINE. Native of Madeira. A yellow-flowered species. 25c.

**J. multiflorum**. East Indies. White-flowered; a fine plant. Resembles *J. gracillimum* closely, but has blunter petals. Very free-blooming. Both this and *J. gracillimum* are ideal cemetery plants, standing water, drouth, cold and all manner of drawbacks. 25c. ea., \$2 50 doz.

**J. revolutum**. North Hindostan and Nepaul. A yellow-flowered hardy shrub, not twining. 25 cents each.

**J. sambac**. ARABIAN JESSAMINE. Flowers single, white, deliciously fragrant; shrubby or climbing. Very fine sort for pot-culture. Very free-blooming. 15 cents and 25 cents each.

**J. sambac flore pleno**. Flowers double. 25c. each.

**J. sambac, Grand Duke of Tuscany**. A shrubby variety, with very large white flowers, very double. Among the most fragrant of all in this genus of sweet scents. 20 cts. each, \$2 per doz.

**JUSTICIA coccinea**. South America. A quick-growing, tender greenhouse plant, producing clusters of beautiful scarlet flowers; leaves green. Continually in bloom. Can be grown outdoors successfully in Florida. A grand bedder, always in bloom. 10 cents each, 90 cents per dozen.

**J. carnea**. Tufts of pink flowers on a rather dwarf plant. New. 25 cents each.

**J. variegata**. A variegated-leaved form. We introduced last April from Jamaica three distinct and very elegant foliage Justicias. They stand the *full sunshine*, and are grand bedders. *Order in spring or summer*.

**J. v. rubra**. Wine-colored. Foliage rich red, slightly mottled with darker shades. 25c. each.

**J. v. albo-maculata**. White, green and cream. Very rich and distinct. 25 cents each.

**J. v. aureo-maculata**. Green and yellow. Beautifully blotched. 25 cents. The set of 3 variegated varieties, one of each, for 60 cents.

**KÆMPFERIA Gilberti**. Leaves like the cardamon, but more or less variegated with white. The flowers are borne on ornamental crimson heads, rising from the ground in separate stalks, and resembling in outline small pineapple fruits. These heads retain their beauty all summer. 25 cents each.

**KRAUSSIA lanceolata**. A shrub from Natal, belonging to the cinchona family. Very handsome. 50 cents each.

**K. coriacea**. Nice small plants. 15 cents each.

**KYDIA calycina**. East Indies. Named in memory of Col. Robt. Kyd, who began the botanical garden at Calcutta. A tree 25 feet in height. Flowers white. 25 cents each.

**LAGERSTRÆMIA Indica**. China, Cochin China and Japan. CRAPE MYRTLE. Too much cannot be said in favor of the delicate-flowered Lagerstræmias; universal favorites in the South, and deservedly so. Deciduous shrubs, hardy in the Southern states, and producing throughout the summer great clusters of delicately fringed flowers. In Florida and the South the Crape Myrtle takes the place of the lilac, so common at the North. Makes the most charming flowering hedge known. A choice plant for growing in pots or tubs, and in universal favor. A success with everyone.

**LAGERSTRÆMIA**, continued.

**Pink**. The favorite old variety. In spring and summer plants of this variety are a mass of billowy flowers. 15 cents each, \$1 per dozen; large trees, 25 cents each, \$2 per dozen.

**Purple**. A grand sort, producing immense quantities of bloom of a rich purple color. 15 cents each, \$1 per dozen; large trees, 25 cents each, \$2 per dozen.

**Red**. A very dark shaded variety; in our opinion the very best of all. A gorgeous plant. 15 cents each, \$1 per dozen; large trees, 25 cents each, \$2 per dozen.

**White**. This is quite scarce, and very lovely. 25 cents each.

A set of three plants, Pink, Purple and Red, for 35 cents.

**L. Reginae** (*L. Flos reginae, Adambea glabra*). East Indies, Java. A magnificent tree, 20 feet high, bearing large flowers 2 to 3 inches in diameter, which are of a beautiful rose color in the morning, and turn deeper through the day, until they become purple in the evening. Tropical, but succeeds in Southern Florida outdoors. 25 cents each.

**LAPEYROUSIA cruenta**. A bulbous plant from the Cape, related to Iris, bearing rich, blood-red flowers, on terminal elongated spikes. 30 cents each.

**LEBIDIOPSIS orbicularis**. Unknown plant from Northern India. Coming from a botanical garden, it must have some value. 30 cents each.

**LEMONIA spectabilis**. A very handsome evergreen, tropical, broad leaved tree from Jamaica, related to Calophyllum. Rare. 50 cents each.

**LIQUIDAMBAR styraciflua**. SWEET GUM. A stately tree, with star-shaped leaves, which change to a deep crimson in the fall. It has also corky bark. One of our best hardy native southern trees; suitable for lawn or avenue. Deciduous. 25 cents and 40 cents each.

**LETT SOMIA, sp. Indica**. A gorgeous, pink-flowered vine, of rank habit; related to the morning-glories. A perennial plant, but never spreads from the roots. One of the finest of our recent introductions. Very fine. Blooms freely produced. 3 inches across. 20 cents each.

**LIGUSTRUM Amurense**. AMOOR RIVER PRIVET. One of the best plants for hedging in the South. Small, light-green leaves; evergreen. Flowers white. Fine. 1-year-old, 20 cents each, \$2 per dozen, \$15 per 100; 2 years, 30 cents each, \$3 per dozen.

**LONICERA**. HONEYSUCKLE. Favorites in cultivation everywhere; perhaps for general culture, under all sorts of circumstances, can be recommended more highly than any other class of hardy climbers. Everblooming.

**L. brachypoda**. Japan. Hardy vine, with white flowers, turning to yellow, and very sweet-scented. 15 cents each, \$1 per dozen.

**L. Halleana**. HALL'S JAPAN HONEYSUCKLE. Very strong growing. Everblooming; flowers white, changing to yellow; very fragrant. One of the very best in cultivation. 15 cents each, \$1 per dozen.

**L. sempervirens**. CORAL HONEYSUCKLE. Flowers bright scarlet, very pretty; handsome native climber. 15 cents each, \$1 per dozen.

**MAGNOLIA fuscata**. The BANANA SHRUB. Dwarf-growing variety, covered with a profusion of small flowers in April and May, of most exquisite fragrance, similar to that of a ripe banana. Large, fine plants, of blooming sizes, 30 cents and 50 cents each.

**M. glauca**. WHITE BAY. A beautiful native, broad-leaved evergreen, with glossy green leaves, silvery white on the under side, and fragrant, creamy white flowers. 50 cents each.



*Umbrella China Tree.*

**MAGNOLIA**, continued.

**M. grandiflora.** The most magnificent of all our Southern broad-leaved evergreens. Blooms when quite small. 35 and 50 cents each.

**MARANTA.** Magnificent foliage plants, mostly with richly variegated leaves, needing same culture as Caladium. They are mostly rather dwarf, but *M. arundinacea* (see Economic Plants) reaches a height of 4 feet.

**M. Massangeana.** (*Calathea.*) Very choice Brazilian species; leaves marked like certain beautiful butterflies. Silvery grey to maroon. 40 cents each.

**M. splendida.** (*Calathea.*) Large, deflexed leaves, 10 to 18 inches long; rich, olive-green, blotched with yellow. 40 cents each.

**MELIA Azedarach var. umbraculiformis. UMBRELLA CHINA TREE.** A more shapely form of the old Indian species, widely advertised under the name of *Texas Umbrella Tree*, etc. One of our very best hardy deciduous trees; leaves very rich green, and hanging on later than the old China Tree. Shade dense; form of tree an almost perfect umbrella. Fine young stock, 12 inches to 18 inches high, 15 cents each; 18 inches to 30 inches high, 25 cents each; 30 inches to 40 inches high, 35 cents each; 4 feet to 5 feet high, 50 cents each; 5 feet to 7 feet high, 75 cents each.

**M. sempervirens. INDIAN LILAC.** Evergreen China Tree. Hardy, quick-growing shade tree. Flowers like *M. Azedarach*. 20 cents each, \$2 per dozen. Extra large and fine (6 to 9 feet), 50 cents each, \$4 per dozen.

**M. semperflorens.** An everblooming dwarf tree of exceeding beauty. Very rare and choice.

**MELIA**, continued.

Magnificent pot-plant, blooming continually. Does not grow over 5 or 6 feet high outdoors. An evergreen; hardy here. 15 cents and 35 cents each.

**MEYENIA erecta** (*Thunbergia erecta*). Africa. A most valuable plant for the open ground in South Florida, or as a pot-plant, producing through the summer beautiful, gloxinia-like flowers of the brightest blue color. 15c. each.

**MORCÆA iridioides.** Natal. An iris-like plant, succeeding here perfectly. With beautiful white flowers, touched with yellow and purple. Exceedingly elegant, and easily grown. 35c. each.

**MURRAYA exotica** (*Chalcas Japonensis, C. paniculata*). A rare Indian plant of the Citrus tribe. Sometimes called ORANGE JESSAMINE. Leaves are compound, dark, glossy green. Flowers resemble the orange, and are scented like the tuberose. Rather tender, but easily protected if outdoors. Fine pot-plant, and very ornamental, blooming when small. 25 cents each.

**MYRTUS communis. COMMON MYRTLE.** Southern Europe. An elegant evergreen, with sweet-scented flowers. Hardy in Florida. Among the ancients it was a great favorite, and sacred to Venus. A good ornamental hedge plant. 15 cents each, \$1.50 per dozen, \$10 per 100.

**NERIUM. OLEANDER.** The possibilities of the Oleander for Florida, in an ornamental sense, are very great. Hedges can be grown rivaling in beauty the famous Oleander hedges of the Bermudas. Lawns and yards can be made to "blossom as the rose" by the use of the

**NERIUM**, continued.

Oleander, planted singly or in clumps. Perfectly hardy when full grown, rivaling the rose in fragrance, and of almost any desired color; succeeding on any quality of land, there is no class of shrubs that surpass it for general and extensive planting. Also, one of the best and most widely known of house plants in the North, where it is grown to a large size in pots and tubs. A favorite everywhere.

- N. album.** Single white. 15 cents each.
- N. " plenum.** Double white. 25 cents each.
- N. atropurpureum.** Single purplish scarlet. 25 cents each.
- N. atropurpureum plenum.** Double purplish scarlet. 25 cents each.
- N. carneum.** Single flesh color, with pink lines in the throat. Very free-blooming. 15 cts. ea.
- N. Madoni grandiflorum.** Semi-double white. 35 cents each.
- N. — Marcel.** Triple corolla. Rose, striped white. 25 cents each.
- N. — M. Leon Brun.** Double corolla. Lilac-rose and carmine. 25 cents each.
- N. roseum.** Single pink, very soft color. 25 cts.
- N. roseum splendens.** Double pink. The old-fashioned fragrant sort. 20 cents each.
- N. — savort.** Double, deep lilac-carmine. 25 cts.
- N. splendens variegata.** *Leaves variegated with white and cream-yellow.* Pink flowers. Very choice. 35 cents each.

Our collection is one of the finest in the United States, and embraces the grandest new and well-known sorts. For hedging, write us for prices in quantity.

**OLEA fragrans.** TEA or SWEET OLIVE. One of the most desirable flowering shrubs of Southern gardens. The white flowers, although small, are produced in clusters, and emit the most pleasing fragrance. It is well said that "each individual bloom has more sweetness than the most fragrant lily." As a conservatory shrub for Northern florists it will be found invaluable and of ready sale. The blooming period begins in the fall, and lasts for several months. It is of easy culture, and especially desirable as a window plant. Fine plants. 30 and 50 cts. ea.

**ONCOBA Krussiana.** A handsome evergreen shrub from Natal. The ornamental seeds are used for charms, etc. 50 cents each.

**OXYANTHUS Natalensis.** A highly ornamental shrub, related to gardenia, bearing large, elegant flowers in racemes. Leaves are pointed, elliptic and evergreen. Just introduced from tropical Africa. 25 cents each.

**PANAX.** This genus of extremely ornamental tropical foliage plants is only slightly removed from aralia. Some of the species are valuable economic plants—like ginseng, etc.

- P. excelsum.** Very finely cut, ferny leaves (decompound), somewhat like *Aralia filicifolia*, margined with white. 25 cts. and 50 cts. each.
- P. plumatum.** Plumy foliage, somewhat after the style of preceding, but *green* only. 25 cents and 40 cents each.
- P. Victoria.** Resembles *Aralia Guilfoylei*, except in color, which is green, marked beautifully with yellow. Very choice. 25 cents and 50 cents each.

**PANCRATIUM** (*Hymenocallis*). Among the handsomest flowering bulbs of the Amaryllis family, and all too little appreciated, though they are beginning to be grown more than they were, as people find out their beauties. Widely advertised the past three years. They are suitable for pot-growing, and should be in every conservatory. All delightfully scented.

- P. Caribbæum.** SPIDER LILY, SPANISH LILY. West Indies, extreme South Florida. A bulb of easiest culture, producing large clusters of fragrant flowers, a few plants giving a suc-

**PANCRATIUM**, continued.

cession of bloom all summer. Color pure white. Introduced by us for the first time to the plant growers of America and Europe. A truly magnificent flowering plant, with wide, evergreen leaves. 15 cents and 25 cents each, \$1.50 and \$2 per dozen.

- P. coronarium.** "Rocky islets of the Congaree River," North Florida. A rare and beautiful species. 50 cents each.
- P. fragrans.** A good grower; narrow leaves and large flowers of finest vanilla fragrance. Rare and new. \$1 each.
- P. littorale.** This form was recently discovered and sent to Berlin by one of the German military expeditions "in darkest Africa," and is superior, both in vigor and size of flower, to the South American type of *P. littorale*, which resembles *P. Caribbæum*. Large flowers, and very showy grower; choice. \$1 each.
- P. rotatum.** Florida. Plant smaller than *P. Caribbæum*; spikes bearing 1 or 2 large white fragrant flowers. 15 cents each, \$1 per dozen.

**PANDANUS utilis.** SCREW PINE. East Indies. A very popular tropical plant for centers of vases or grown as a single specimen. In South Florida can be grown ordinarily in the open ground. Called "Screw Pine" from the arrangement of the leaves upon the stem; leaves also striped red and green on the sharply serrate edges. 15 cts., 30 cts. and 75 cts. each.

- P. odoratissimus.** An elegant species, with rich, dark green leaves, so glossy that they appear like polished wax. As its specific name denotes, this variety is exceedingly odorous—rather a rare attribute of any like plant. 75 cents to \$2.50 each.
- P. odoratissimus variegata.** A very beautiful variegated form of the preceding, the leaves being striped with white; very ornamental and desirable. \$1 to \$5 each.
- P. Veitchii.** Leaves beautifully striped white and green. Very thorny. \$2 to \$5 each.

**PEDDIEA Africana.** Natal. \$1 each.

**PERSEA Carolinensis.** RED BAY, BULL BAY. A handsome native broad-leaved evergreen. Wood very valuable for cabinet work, etc. 15 cents each.

**PHILADELPHUS coronarius.** SYRINGA, MOCK-ORANGE. Well-known hardy shrub, producing a profusion of fragrant white flowers in spring. Favorites with "sweet girl graduates." A desirable shrub, even for Florida, where it is a success. Three varieties. 25 cents each.

**PHRYNIUM variegatum.** A maranta-like plant of great beauty, growing near 2 feet high. Leaves are variegated with white to a great extent. Plant is of easy growth. 25 cents each.

**PITTIOSPORUM.** Japanese or Indian broad-leaved hardy evergreen shrubs of great beauty.

- P. tobira.** Japan. Well-known in the Southern states as a handsome hardy, broad-leaved evergreen shrub. Flowers white and cream color, in March. 25 cents each.

**PLATANUS orientalis.** Oriental PLANE TREE. A very fine, large-leaved, hardy tree, suitable for lawn or street plants. Free from worms and insects; at home on all soils. 30 cents each.

**PLUMBAGO.** LEADWORT.

- P. capensis.** A most valuable old plant; can be kept in bush form or trained as a climber. Flowers light sky blue, produced continually. Stands drouth and water and the brightest sunshine. Should be cut back to produce more young shoots, on which flowers are borne. Practically hardy in South Florida. 25c. each.
- P. capensis alba.** Pure white form of above. 30 cents each.
- P. rosea.** Carmine flowers in spikes. A dwarf plant, with large broad leaves. 30 cents each.



*Ravenala Madagascariensis.*

**PLUMIERA.** The famous FRANGIPANI of the West Indies. "Then we admired the *Frangipani*, a tall and almost leafless shrub, with thick, fleshy shoots, bearing in this species, white flowers, which have the fragrance peculiar to certain white blossoms—to the jessamine, the tuberose, the orange, the gardenia, the night-blooming cereus."—*Kingsley*.

**P. alba.** West Indies; South America. Several varieties. Flowers white, exquisitely scented. 30 cents each.

**P. rubra.** West Indies; South America. One of the grandest flowering shrubs in existence. Rich, rose-colored flowers, somewhat like double oleanders; sweetly-scented. 60 cts. ea.

**POINCIANA.** See *Cæsalpina*.

**POINSETTIA.** See *Euphorbia*.

**POTHOS aurea.** A magnificent climbing aroid plant, with heart-shaped leaves, mottled green and creamy yellow. 25 cents each.

**PRUNUS Caroliniana.** CAROLINA LAUREL CHERRY. One of the handsomest broad-leaved evergreens of the Lower South. Leaves very dark, green and glossy; flowers white and fragrant. A grand ornamental hedge plant, hardy throughout the South, and of easy growth in any soil. A large stock of pot-grown plants enables us to offer it very low. 15 cents each, \$1.50 per dozen, \$8 per 100.

**RANDIA Fitzalani.** Queensland. Beautiful gardenia-like plant, with broad leaves of richest green. 50 cents each.

**R. Ruisiana.** New sort from Brazil. Leaves rich, dark evergreen. Flowers white, or pale yellow. A splendid pot-plant, easily grown and very rare. Fine plants, 10 to 12 inches high (in pots), only 20 cents each, \$2 per dozen.

**RHAPHIOLEPIS ovata.** China. Beautiful hardy evergreen shrub, with white or pink flowers. Hardy as a camellia. One of the most desirable of hardy shrubs. We offer fine pot-grown plants. 25 cents to 50 cents each.

**RHYNCHOSPERMUM jasminoides** (*Trachelospermum*). STAR JESSAMINE. China. One of our most valuable evergreen climbers; hardy throughout the state. Flowers small, white, very fragrant, and produced in great profusion. 20 cents each, \$2 per dozen.

**R. jasminoides variegata.** Beautiful variegation. White, green, and tinged with red. 30 cts. ea.

**RAVENALA Madagascariensis** (*Urania speciosa*). THE TRAVELER'S TREE. This noble plant when full grown is from 20 to 30 feet high, with a palm-like trunk, crested with two-ranked (*distichous*) banana-like leaves. These leaves are admirably adapted for collecting and holding a quantity of water in the hollowed sheathing base of the petioles, which gushes out when pierced from below. It is said to be always pure and sweet, and from this circumstance it has been named the Traveler's Tree. A group of these trees is shown in the Frontispiece. \$1 each, \$10 per dozen.

**RHUS Griffithii.** SUMACH. New sort from South Africa. 20 cents each.

**RICHARDIA Africana** (*Calla Æthiopica*). THE CALLA LILY, or LILY OF THE NILE. We grow this good Cape plant in open ground the year round, in a low, mucky place, even in the water, and have a profusion of flowers from January to July. Good plants, 15c. ea., \$1 per doz.

**ROSA Indica.** Including TEA, PERPETUAL, NOISETTE ROSES, etc. We have had good success with Roses on the poorest pine land, by using the following plan: Dig a hole somewhat larger than the intended bed of Roses, and 2 feet deep; fill to within 6 inches of the surface with half-rotted sods procured from some old field or in the woods. The sods and grass should be tramped down thoroughly; the upper 6 inches should be ordinary soil, with well-rotted manure mixed in thoroughly. Clay also added throughout the depth of the bed, is a decided help in all light, sandy soils. The best time to transplant Roses is in the fall and winter months. Don't try to save the tops of your Roses when you transplant. Cut them back well; even to only 3 or 4 buds and leaves is best, and in a few weeks you will have strong, young, healthy shoots full of blossom buds. Prune your Roses every October, cutting back everything but a few strong, healthy young shoots, and you will be favored with buds and blossoms all winter. The best buds and flowers are from the new, young, vigorous canes. Bone-meal is an excellent fertilizer for Roses. Give *small* doses, worked into the top soil lightly. Potash also is a decided help in producing more and better colored blooms. Apply *sparingly on top of soil*.

**Agrippina.** Moderate grower, especially adapted for bedding or growing in pots. Rich crimson, *continually* in flower. Best of Bengal class. 15 cents each, \$1.50 per dozen.

**Aline Sisley.** Tea. Strong grower and good bloomer. Pale yellow and pink. Fine buds. 20 cents each.

**Bella.** Tea. Large and pure white. 20c. each.

**Bride.** Pure white Tea. Long-pointed buds. 20 cents each.

**Bridesmaid.** Rich pink Tea. Sport from Catherine Mermet. Darker in color. 25 cents each.

**Catherine Mermet.** Tea. Flesh pink, large, full and of grand form; a leading forcing variety. 20 cents and 25 cents each.

**Cloth of Gold, or Chromatella.** Noisette. Deep yellow, with sulphur edges. Large, full. 20 cents each. *Budded plants*, 35 cents each.

**Clothilde Soupert.** Polyantha Hybrid. Blooms in profusion. Glowing pink center, shaded to white. Very double; cupped and sweet. An ideal bedder. 20 cents and 25 cents each.



ROSA, continued.

- Comtesse de Labarthe** (*Duchesse de Brabant*). Tea. Pink, shaded carmine. Large and fine. 20 cents and 25 cents each.
- Coquette des Alps**. Hybrid Perpetual. Choice, pure white. Fine. 25 cents each.
- Crested Moss**. Monthly; free; deep pink, with mossy fringe. 20 cents to 25 cents each.
- Crimson Rambler**. The new widely-advertised climbing Polyantha. Flowers of fair size, borne in immense masses; rich crimson in color. *Budded plants*, 35 cents each.
- Devoniensis**. Tea. Creamy white. Very large and sweet. Called "*Magnolia Rose*." 20 cents and 25 cents each.
- Francisca Kruger**. Tea. Chamois color, brightened with yellow and rose. 20c. and 25c. each.
- James Sprunt**. Bengal. Climber. Rich cherry red. 20 cents and 30 cents each.
- La France**. Hybrid Tea. Silver rose. 20 cents each. *Budded plants*, 35 cents each.
- Lamarque**. Climbing Noisette. White, sulphur center. 20 cents each.
- Madame Lambard**. Tea. Rosy salmon, deepening toward the center. Fine. 20 cents.
- Mad. Joseph Schwartz**. Tea. Free; blush. 20 cents each.
- Mad. Plantier**. Hybrid China. Pure white, full and flat. 20 cents each.
- Marechal Niel**. Noisette. Deep yellow; very large and fine. Choice climber. 20 cents each. *Budded plants*, 35 cents each.
- Meteor**. New Hybrid Tea. Richest red; free. 25 cents each.
- Niphetos**. Pure white Tea. 20 cents each.
- Papa Gontier**. Tea. Bright rose. Fine buds. *Budded plants*, 35 cents each.
- Rainbow**. Tea. Striped light and dark rosy pink; sometimes white stripes. 20 cents each.
- Reine Marie Henriette**. Climbing Tea. Cherry red. Very fine. *Budded plants*, 35 cents each.
- Safrano**. Apricot-yellow Tea. Fine buds. 20 cents each.
- Sunset**. Tea. Rich apricot-yellow. Double. *Budded plants*, 35 cents each.
- Ulrich Brunner**. Remontant. Cherry red. A grand Rose. 25 cents each.
- White Daily**. Bourbon. Pure white; fine bloomer; pretty buds. 20 cents each.
- Woodland Margaret**. Noisette. Pure white. 25 cents each.
- Yellow Rambler**. A hardy climbing yellow Rose of the style of *Crimson Rambler*. A new Rose, just being sent out for the first. Young plants, from the introducers, \$1 each.

Part of our Roses are grown on own roots, from cuttings, and part are budded and grafted.

In ordering Roses, be sure to send a list of second-choice plants, to insure our filling satisfactorily; otherwise, we will use our judgment in substituting, if short of sorts ordered.

**ROSA moschata**. MUSCAT ROSE. An extremely tall-climbing species; native of North Africa and South Asia, ascending the Indian mountains to 11,000 feet. Said to be constantly in bloom. The principal species from which the attar of roses is distilled. 25 cents each.

**ROSA setigera**. Variety, *Queen of the Prairies*. A magnificent pink and white Rose of the most delightful odor. A very robust grower and climber. Flowers in bunches. 15 cents each, \$1.50 per dozen.

**Milledgeville**. Rank-growing climber of southern origin. Pink. 20 cents each, \$2 per dozen.

**Tennessee Belle**. Climbing. Flowers in magnificent trusses of cherry crimson. 20 cents each, \$2 per dozen.

**SANCHEZIA nobilis glaucophylla**. A beautiful greenhouse shrub from Ecuador. Leaves glaucous green, with yellow nerves. Flowers small, enclosed by light red bracts. 25c. each.

**SCHUBERTIA grandiflora**. A rapid-growing climber, with flowers closely resembling the famed stephanotis. Tropical. 40 cents each.

**SCHOTTIA brachypetala**. An elegant plant from Natal. \$1.

**SCHREBERA Swietenoides**. The MUCCAADY of India. A tall tree with a certain resemblance to mahogany. Leaves pinnate, and white flowers in panicles. Newly introduced (1894). 40 cents each.

**SOLANUM jasminoides**. POTATO VINE. South America. Hardy climber, always in bloom. Flowers white and yellow. 25 cents each.

**S. azureum** (?) (*S. quercifolium*?). Among the shrubbery in the plaza in front of the Governor's palace, in Havana, we found a lovely climbing Solanum, with bunches of delicate blue flowers, like wistaria, and bright scarlet berries, as large as a cherry. Called in Mexico "Tomatilo." One of the finest blue-flowered vines we know of, being of easy and quick growth and remarkably floriferous. 15 cents each, \$1 per dozen.

**SPHEDAMNOCARPUS pruriens**. Handsome plant from Natal. Unknown. 75 cents.

**SPIRÆA**. All Spiræas succeed well here.

**S. Billardii**. Is in bloom almost all summer. Flowers light pink. 20 cents each.

**S. Reevesii**. White, arranged along branches, like miniature roses. 20 cents each.

**S. Reevesii fl. pl.** Double white. 20 cents each.

**S. salicifolia**. White, resembling *S. Billardii*. Blooms all summer. 25 cents each.

**S. Thunbergii**. Pure white flowers along the branches, distinct from *S. Reevesii*. 25c. each.

Three Spiræas, our choice, for 50 cents.

**STEPHANOTIS floribunda**. Madagascar. A climber, producing trusses of pure white fragrant flowers. One of the choicest tropical, broad-leaved vines we have ever seen. Fine plants, 50c. ea.



Yellow Rambler.



*Strobilanthes Dyerianus.*

**STERCULIA alata.** New. From India. 35 cents.

**S. platanifolia.** JAPAN VARNISH TREE. A hardy deciduous shade tree, with extremely large maple-like leaves, and of good round-topped form. Excellent street tree. 25 cents each.

**STRELITZIA angusta.** QUEEN PLANT, or BIRD-OF-PARADISE FLOWER. South Africa. A large plant, with elegant, banana-like leaves, bearing magnificent flowers, bright yellow and blue. Small plants, 25 cents each.

**STROBILANTHES Dyerianus.** A new house and bedding plant. It forms a compact bush of 18 inches high, with leaves about 9 inches long, of the most intense *metallic purple*, shading into light rose, with a light green margin. Flowers violet blue. 20 cents each.

**TABERNÆMONTANA camassa.** West Indies. Splendid plants, with large, fragrant, gardenia-like flowers; pure white. The rich green, broad leaves are beautiful in themselves. 25c.

**T. flavicans.** New yellow sort from Brazil. 15 cts.  
**T. sp. Cashmere.** New white variety. 35 cents.

**TALINUM patens variegata** (*Portulaca paniculata*, *P. patens*, *Rulingia patens*, *Talinum paniculatum*). West Indies and South America. A fine bedding or greenhouse plant, with succulent leaves, green, white and pink. 15c. each.

**TECOMA** (*Bignonia*) *capensis*. A choice climber. Flowers bright red, continually in bloom; nearly hardy here. 30 cents.

**COLLECTION M.** Five Hardy Trees, suitable for lawn or avenue (postpaid), \$1.

**COLLECTION O.** Ten Foliage Plants, variegated, etc., fine assortment, \$1.

**COLLECTION P.** Ten Vines, choice assortment, \$1.

**COLLECTION Q.** Ten Hardy Shrubs, for any location, \$1.50.

Our selection only. Purchasers who desire less than the above may order half of the last three collections at half prices.

#### TECOMA, continued.

**T. jasminoides.** From Australia. White, with pink center. 30 cents.

**T. MacKennii rosea.** A remarkably handsome South African climber. It bears magnificent racemes, 1 to 2 feet in length, of large, showy, trumpet-shaped flowers, rosy lilac, the yellowish throat streaked with crimson. 50 cents.

**T. leucozydon.** New. Tropical. Erect. 50 cents.

**THEVETIA neriifolia** (*Cerbera thevetia*). Locally known as TRUMPET FLOWER, and wrongly called sometimes YELLOW OLEANDER. West Indies and South America. Flowers pale yellow. The *Thevetia* is a rare, quick-growing shrub, always in bloom. The seeds are often worn as charms by sailors and negroes of the West Indies, by whom they are known as "lucky seeds." It bears several degrees of frost unharmed, and should be widely cultivated in South Florida as a lawn plant. 20 cents each, \$2 per dozen.

**THUNBERGIA fragrans.** East India. A quick-growing climber (perennial), with beautiful, fragrant, pure white flowers. 20 cents.

**T. grandiflora** (*T. Harrisii*). A newly introduced rapid-growing climber, with large pointed leaves, and a succession of elegant sky-blue flowers 3 inches wide. A grand novelty from India. 20 cents.

**TRADESCANTIA discolor.** Upright-growing, green on upper, purple on under side of leaves. A choice vase plant. 25 cts. and 50 cts. each.

**T. Zebrina.** WANDERING JEW. A creeping species, variegated, leaves, purple and green. 10c.

**TULBAGHIA acutiloba.** Tuberous-rooted plant from the Cape, with onion-scented leaves. Very interesting when in flower. 25 cents.

**VIBURNUM villosum.** SNOWBALL. This species is new and rare, and we cannot speak definitely of it. 25 cents each.

**VESPRIS lanceolata.** Thorny shrub from South Africa, with handsome flowers. 40 cents each.

**WISTARIA frutescens.** The AMERICAN WISTARIA. Succeeds well in Florida. Flowers fine blue, in long racemes. 1 year, 15 cents each, \$1.50 per dozen.

**W. Sinensis.** The "FUJI" of Japan and China. "Fortune tells us of a tree of great age, which measured, at 3 feet from the ground, 7 feet in circumference."—*Von Mueller*. 25 cts. each.

**WEIGELA.** Hardy deciduous shrub, well-known in Northern gardens. Tubular or bell-shaped pink, scented flowers in great masses, Three sorts. 25 cents each.

**XYLIA dolabriformis.** An Indian tree, with bipinnate leaves, and axillary racemes of flowers; belongs to the Leguminosæ. Newly introduced (1894). 40 cents each.

**XYLOSMA longifolia.** A small tropical tree from Australia. 75 cents each.

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