

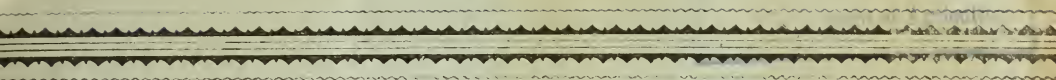
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CATALOGUE OF
RARE FLORIDA FRUITS
AND FLOWERS
FOR THE
SEASON OF 1890

JESSAMINE GARDENS.

December 15, 1889.

To Our Friends and Patrons:



Another year has rolled into the past, and again we present our ANNUAL CATALOGUE of choice floral gems for your examination, hoping we may serve you in some way. We have endeavored to make our Catalogue as attractive as possible without resorting to the sumptuous gorgeousness of covers and colored plates so much in vogue just at present. Such catalogues are prepared at an immense outlay of money, and while it may not have occurred to purchasers that they must help pay that expense, they surely do not think for one instant that seeds, plants or bulbs selected from such catalogues can be one whit better than those offered in the plainest and least expensive catalogue issued. This catalogue has been prepared for the purpose of setting forth the honest merits of the seeds, bulbs and plants which we handle, many of which are new or almost totally unknown. Already the rage of the last few years for bedding plants possessing little merit except gorgeousness of foliage or bloom is beginning to subside, and people are returning to old favorites which possess so many endearing charms, and are calling for new ones of the same nature. The greatest charm of a collection of plants lays in its variety. Palms, Orchids, Ferns, Half Hardy Shrubs, Aquatics, Tropical and Semi-Tropical Fruits, etc., are highly ornamental and possess a charm never experienced with most ordinary plants; but we are aware that the possession of such plants has heretofore been possible to the wealthy only. We know only too well that it is to wish in vain for these things which have been kept so far beyond the reach of a limited purse, and it is, and shall continue to be

OUR OBJECT to place these and all other plants, both common and rare, within the reach of the most humble cultivator of flowers. This is possible for the following reasons: The Northern florist must build immense glass structures at an enormous outlay of money, but this expense is small compared with the outlay for heating apparatus and hundreds of tons of coal consumed during the long winter season. But here almost everything will flourish in the open ground the year round, with naught but God's blue dome overhead; and frames covered with cloth will protect the tenderest growth. From these facts it is evident that we can easily make

OUR PRICES BELOW THE LOWEST at the North, and furnish equally good, if not better, plants. Our prices are so extremely low that some may think we cannot furnish first-class goods at such figures. To all such we say: favor us with a trial order, no matter how small, and we will convince you to the contrary, and that it is to your interest to deal with us. Probably the reports from our customers of last season will carry far more weight than any words of ours, therefore we respectfully call your attention to the

UNSOLICITED TESTIMONIALS which appear on the third page of this cover. These, and many others which we have not the space to present, give a good idea of the class of goods we send out, and the manner in which they are packed. Many of our customers ordered the second, third and even the fourth time, while others wrote to say they were sorry they had not made their orders larger, all of which speaks volumes in favor of our dealings with our customers. People naturally want to know something about those with whom they have dealings, so we will briefly state that

OUR FIRM CONSISTS of Mr. WALTER N. PIKE as senior member, and Mr. W. J. ELLSWORTH as junior. Both were reared in New England, and have been ardent lovers and cultivators of flowers from early childhood. Mr. PIKE has been before the public several years as a writer on floral topics, was editor of the MAYFLOWER for nearly four years, and is now Floral Editor of the FLORIDA AGRICULTURIST, published at DeLand, Fla. He spent four years with one of the largest retail floral establishments in the North, as Superintendent of the Plant Packing Department, and during that time perfected a system of packing whereby plants can be safely mailed to the remotest points and open up fresh as when first packed. He has traveled extensively in Florida in order to discover and secure many of the contents of this catalogue. Mr. ELLSWORTH is an effective writer on floral subjects, but gives the greater part of his time to the financial management of our business. During the past few months he has traveled extensively throughout Southern Texas in search of plants of special note, and our customers have to thank him for many of the most desirable things contained herein.

IN CONCLUSION we beg to call special attention to the Tropical and Semi-Tropical Fruit Department, Half Hardy Shrubs, Aquatic and Bog Plants, various members of the Amaryllis Family and Novelties of Decided Merit, as containing many things almost impossible to obtain elsewhere; and no where else at such low prices as ours. Address all orders and communications to

PIKE & ELLSWORTH,

JESSAMINE, PASCO COUNTY, FLA

WILL FLORIDA GROWN PLANTS SUCCEED AT THE NORTH?



IN ANSWER to the above question we answer unhesitatingly YES. Many people entertain the erroneous idea that Florida is nothing more or less than a country of torrid heat, and that plants grown here will not thrive when transferred to the North, forgetting that many of their easiest grown and most highly cherished floral pets, like the Abutilon, Begonia Coleus, Petunia, etc., are natives of the Torrid Zone. But the facts are, the thermometer never goes as high here as it does at the North, while our winters are cool and frosty enough to harden up plants as they should be. As for us, personally, we prefer a plant grown in God's free air and sunlight, to one reared in the super-heated air of a green-house. Little do such persons mistrust that every time they order plants, seeds or bulbs, from Northern dealers there are chances that what they receive was grown in this State, either by us or some other florists. This State is peculiarly adapted to the growing of many kinds of seeds which cannot be produced at the North, to the production of the finest Tuberoses, Gladiolus and Caladiums in the world, as well as a great number of other bulbs and plants. Vast quantities are grown and shipped North every year, and the business is rapidly increasing. We grow annually immense quantities of seeds for Northern dealers, which cannot be grown profitably, or at all, at the North, besides large quantities of bulbs and roots; and were we to accept all the contracts offered us we would have to give up our retail business.

SPECIAL INSTRUCTIONS.

By Mail we send everything postage paid at the prices quoted, to any part of the United States, and Canada, and guarantee their safe arrival. If anything is frozen or otherwise injured on the way, we will cheerfully replace it if notified at once and a duplicate list furnished.

By Express and Freight we do not pay the charges, but will always add enough extra to cover the cost of transportation; and besides, in nearly all cases much larger and finer plants can be supplied in this way.

Any One adding 10 cents to their order can have it packed in a liberal quantity of Spanish moss, which is beautiful for decorative purposes. (See description on page 17.)

Money may be sent at our risk only by Money Order and Registered Letter.

Do not send Stamps in payment for goods, as we cannot dispose of them except at a considerable discount. Where a Money Order, Postal Note or paper money cannot be obtained, send silver sewed or pasted up in strong paper or cloth, register the letter, and if your order amounts to 60 cents, or more, deduct the registry fee (10 cents) from it.

Discounts. In addition to our extremely low prices we make the following liberal discounts:

Those sending \$1.00 can select articles amounting to.....	\$1.10
" " " 2.00 "	2.20
" " " 3.00 " " " " " " " " " " " " " " " " " " "	3.30
" " " 4.00 " " " " " " " " " " " " " " " " " " "	4.50
" " " 5.00 " " " " " " " " " " " " " " " " " " "	5.75
" " " 10.00 " " " " " " " " " " " " " " " " " " "	12.00

Be Sure and write your Name, Postoffice, County and State plainly, and state whether your order is to be forwarded by mail or express. *Have Money Orders drawn Payable at Dade City, Fla.*

TROPICAL AND SEMI-TROPICAL FRUITS.

This department has been prepared to meet the constantly increasing demand for this interesting class of plants, which are much more easily grown than has hitherto been supposed. Our customers have been constantly asking why we have not catalogued this class of plants, and now we are sure they will appreciate the privilege of obtaining them direct from where they are grown, and we also feel very sure that they will appreciate obtaining them at the extremely low prices we offer them at. To prove how very low our prices for these plants are, we will quote some of the prices of a Northern firm, making a specialty of this class of plants, whose catalogue we have by us: Figs, 50c. to \$1 each; Sugar Apples, 75c. to \$4 each; Bananas, \$1.50 to \$10 each; Trifoliate Orange, \$1.25 each; Cuttley Guavas, \$1 each; Loquats, 75c. each; Mango, \$1.50 each; Pine Apples, \$1 to \$3 each; Pomogranate, \$1 to \$2 each; Sapodilla, \$1 each, and Tamarind, 75c. each. The varieties we offer are carefully selected as the very best to grow and give satisfaction.

The Pomegranate, or Carthaginian Apple.

This beautiful and delicious fruit was known, cultivated and fully appreciated in the very earliest annals of the world's history. "Before the peach, the nectarine and the apricot had traveled from Persia to the Red Sea, the Pomegranate was there assiduously cultivated and held in the greatest esteem." It is frequently alluded to in the Scriptures, and in point of utility was classed with the grain-bearing plants and with honey. In the time of Solomon it was used as a pattern for embroidering the costly garments of Princes, and to

embellish the most ornate and splendid architecture. Heathen mythology furnishes a most beautiful legend respecting this fruit, but we have not the space in which to present it. It forms a beautiful bush, or small tree, and when covered with flowers is a sight of wondrous beauty. The outside, or calyx, of the flowers look as if cut out of very thick, red sealing wax, while the inside, or petals, look like crape, or crimped tissue paper, of a deeper color. The fruits which follow grow as large as very large apples, the rind tough and leathery, and very ornamental. The inside is very curious, and delicious on the first trial. Downing pronounces it "unique" among fruits, and "the most singularly beautiful one that ever appears at the dessert." It is hardy in all the Gulf States, and even farther north, being hardy at Charleston, S. C., and surviving the ordinary winters of Chattanooga, Tenn. The plants are early and very prolific bearers, and should be cultivated in every yard in the South, and as a tub-plant by every flower lover elsewhere. It can be wintered in a pit or cellar, or any place where 20 degrees of frost does not enter, and summered on the piazza or in the yard; and whether covered with its brilliant and lovely scarlet flowers, or with a profusion of its hardly less ornamental fruits, it forms a most graceful and striking object. The varieties here offered must not be confounded with the



THE POMEGRANATE.

ornamental sorts, grown at the North, which produce worthless fruit, or none at all.

Sweet Pomegranate (*Punica granatum*)—Fruit large and juicy, possessing a fresh crispness, delicacy and sprightliness of flavor almost unrivalled among fruits. Price of fine plants by mail 50c. each, 3 for 90c. Extra large and strong, by express, 50c. each; 3 for \$1.25.

New Purple Seeded Pomegranate—A remarkable seedling of the Sweet Pomegranate, which originated in this State, and of which there is but a limited stock. Mr. P. J. Berckmans, the well-known President of the American Pomological Society, describes it thus: "Fruit very large and highly colored; pulp very juicy, sprightly, vinous and of best quality. The color of the rind and berry unusually bright for a sweet Pomegranate." Mr. Berckmans writes that he has seen and tasted the best European varieties, and has seen the best offered in this country, but that this is superior to any he has ever seen. D. Redmond, Esq., Agricultural Editor of the *News-Herald*, says: "It seems to me *unique* and unlike any variety with which I am acquainted. * * * Send it out on its own merits; it is a good thing." The Editor of the *Florida Dispatch* writes: "It is a magnificent fruit, and well worthy of the attention of fruit growers." Prof. A. H. Curtis, Agricultural Editor of the *Times-Union*, and formerly of the *Florida Farmer and Fruit Grower*, pronounces it "the perfection of Pomegranates", and "a rival of the orange." Its distinctive features are the very large size of its fruits, resembling large red apples; a fine sub-acid flavor, and the deep purple of the grains of pulp, resembling clusters of rubies. The juice is as dark as port wine. It is about two weeks later than the Sweet Pomegranate in putting forth its leaves in the spring, but it is much more thrifty, making twice as much growth in one season. Should be grown by everybody. Price of fine plants, by mail, 60c. each. Extra large 3 to 5 feet high, by express, 75c. each.

We strongly advise ordering Pomegranates previous to March 20th, as in this State they put out their foliage the latter part of March, or first of April, and are much more safely removed while dormant.

Figs.

The Fig also dates back to the time of remote antiquity, and should possess great interest on that account alone. But its fruit is so delicious and so easily raised, and the whole plant so ornamental and interesting that it should be grown everywhere. Those who have never eaten any but the dried figs of commerce cannot form any conception of the lusciousness of a fresh fig, or of preserved figs and cream. They make splendid tub plants, for the North, and are as easy to grow as a geranium. They



The New Purple-Seeded Pomegranate.

(DRAWN FROM NATURE.)

FOR SALE BY

PIKE & ELLSWORTH,

JESSAMINE, PASCO COUNTY, FLA.



usually bear some fruit the first season, and the second season, and thereafter will be literally loaded. Can be grown and wintered under the same conditions as the Pomegranate.

Brown Turkey—Large, oblong, dark brown; flesh rich and of a very delicious flavor; very productive, frequently bearing three crops in one season. A two year old plant has been known to bear over 200 fine figs in one season.



THE FIG.

Southern Texas by our Mr. Elsworth, who pronounces it one of the most delicious fruits he ever tasted, and strongly recommends it to all. Our stock of it is limited. Price, by mail, 75 cents each.

SPECIAL OFFER. We will send one each of the first six named Figs (amounting at catalogue prices to \$1.50), postpaid, for only \$1.50. Or for \$1.80 we will send the six and include a plant of the **Magnolia Fig**. Or we will send one each of the express size (amounting to \$3) by express, at buyer's expense, for only \$2.50; or for \$3.00 we will include one of the **Magnolia** variety.

Bananas.

Everybody has doubtless seen and probably tasted the fruit of the Banana. But very few know that the plants can be grown in the North as successfully as Cannas, or even corn. They make grand decorative plants grown in large pots, kegs or tubs of rich soil. But they are particularly valuable for open ground culture in the centres of beds of foliage plants moist situations, etc. A gentleman in Illinois tells in the following words, how easily they are grown in the open ground: "Last May I set out a very small plant of *Hart's Choice* variety, not over fifteen inches high, in an entirely unprotected situation. By fall it was seven feet high, and had leaves six feet long and eighteen inches broad; the stalk measured over *twenty inches in circumference at the ground.*" In planting dig a good sized hole, eighteen inches, or more, deep, fill with rich soil and plenty of well decayed manure (they will thrive wonderfully in muck soil); set the plants in this and keep well watered during the summer, and they will make an astonishing growth. Just before frost cut all the leaves off (but do not cut the stalk), dig them up and place the roots in a box of earth, and keep quite dry (to prevent growth) and they will winter as easily as a Canna or Dahlia. Thesecond summer they will bloom and then you will behold a sight you may never have dreamed of. Sometimes they bloom early enough in the season to mature their fruits. If you want to see the grandest plant that ever grew, plant a Banana. It will be the wonder of your neighborhood.

Dwarf or Cavandish Banana (*Musa Cavendishii*)—An extra fine sort; dwarf, but very strong and robust, attaining a height of only six or eight feet. The magnificent leaves look as though sprinkled with blood. Yield of fruit enormous, sometimes as many as 200 or 300 in a bunch. Price 30c. each, 3 for 80c. Larger, by express, 50c. each, 3 for \$1.25.

Orinoco Banana (*Musa paradisiaca* var. *sapientum*)—A grand sort for bedding out; grows



THE BANANA.

very large, producing a magnificent effect. Very hardy and should be grown everywhere as an ornamental plant. Price 25c. each; 3 for 70c. Larger, by express, 40c. each; 3 for \$1.

Hart's Choice (*Musa Orientum?*)—Of medium height, stalk and mid-ribbed tinged with red. Bears early and is very hardy for a Banana. Fruit unsurpassed in flavor. Price 35c. each, 3 for 90c. Larger, by express, 50c. each, 3 for \$1.25.

The three sorts would make a magnificent clump in any yard.

SPECIAL OFFER. For 75c. we will send one plant of each variety (amounting at catalogue prices to 90c). Or for \$1.15 we will send one each of the express size (catalogue price \$1.40) by express at purchaser's expense.

Japan Loquat.

(*Eriobotrya Japonica.*)

A most beautiful plant, with large, beautiful evergreen leaves shaped like those of the *Magnolia grandiflora*. Its spikes of white flowers are produced in the winter, followed by a profusion of delicious rich yellow fruit the size of a Wild Goose Plum. Hardy in the open ground as far north as Charleston. A fine pot or tub plant for the North. Price, by mail, 25c. each; 3 for 65c. Larger, by express, 40c. each; 3 for \$1.

May Apple, or May Pop

(*Passiflora Incarnata.*)

One of the most beautiful of the *Passifloras*, bearing a profusion of lovely purple and white flowers, followed by orange-colored fruits as large as an egg, or an apple, and filled with a delicious yellow pulp. When cut the fruit will perfume the atmosphere the same as a muskmelon. One of the most ornamental and rapid growing climbers in cultivation. Perfectly hardy in the latitude of New York if given a slight protection; or the roots can be wintered in the cellar. Price, 20c. each; 3 for 50c.

The Hardy Trifoliate Orange.

(*Citrus trifoliata.*)

This extremely beautiful and curious Japanese Orange has proved perfectly hardy as far North as New York, Philadelphia and Illinois; and may be seen growing in the parks of the former cities, and in the government grounds at Washington. It differs from other oranges in having trifoliate, or clover-shaped, leaves, larger and finer blooms than any other sort, and produced over a much longer season. The fruit is orange-red, about the size of a pigeon's egg, and of fine flavor. It makes a beautiful shrub about four feet high, completely covered with its sweet scented blooms and brilliant fruits. It is very valuable for stocks on which to dwarf the larger growing varieties. Though hardy, it is best to protect it well over winter, in the same manner as rose bushes, etc. Can be grown as a pot or tub plant if desired, and made to bloom in winter. At the remarkable low price at which we offer it everybody can own an Orange. Price of fine, thrifty plants, 30c. each; 3 for 75c. Larger, by express, 40c. each; 3 for \$1.00.

Mango, or *Mangifera Indica.*

One of the most productive and rapid growing tropical fruit trees known. Its fruit is larger than an egg, kidney-shaped and so deliciously flavored that a small boy has been known to eat twenty-five at a sitting. It is an evergreen with beautiful laurel-like leaves from six to ten inches long, and two or more inches broad, the new growth of a rich wine color, changing to a dark shining green. A most ornamental pot or tub plant for the North. Should be planted by everybody in South Florida as it sprouts readily from the root if cut down by frost. Though it makes an immense tree in the tropics it bears in two years from the seed, and five year old trees in this State have borne *thousands* of Mangoes. Fine plants 40c. each.

The Pine Apple.

It was this delicious fruit that a Huguenot priest described more than 300 years ago as being of such excellence that the gods might luxuriate upon it, and that it should only be gathered by the hand of Venus. It is one of the most beautiful decorative plants imaginable, and is well worth growing on that account alone; but it will fruit in a greenhouse, conservatory or a window. It is closely related to the Air Plants, and thrives in ordinary, loose sandy soil, with plenty of moisture. It likes plenty of heat, though it will stand a variety of temperatures. Should be repotted frequently during the first year.

Red Spanish—The Pine Apple of commerce. Ruddy yellow when ripe; flavor sub-acid, sparkling Price 20c. each, 3 for 50c.

Sugar Loaf—Tall, conical fruit; pulp delicate and flavor sweet and delicious. Price 25c. each, 3 for 65c.

Egyptian Queen—Very showy, of fine flavor and most prolific, bearing earlier and more surely than any other sort. Flavor something like that of a wild strawberry. Rare. Price 30c. each, 3 for 80c.

Ripley—Similar to the above, but considered of superior flavor and more juicy and melting. Very highly prized in Jamaica as the choicest Pine Apple grown. Very rare. Price 35c. each, 3 for \$1.

Porto Rico—The largest Pine Apple grown; fruit often weighs from twelve to eighteen pounds. Flesh very delicate and well flavored. Very rare indeed. Price 45c. each, 3 for \$1.25.

SPECIAL OFFER. For only \$1.25 we will mail one plant of each of these five superb Pine Apples (which amount, at catalogue prices, to \$1.55), to any address.



THE PINEAPPLE.

Sapodilla or Naseberry.

(*Achras sapota*)

Of spreading form, with thick, glossy leaves. The fruit can be compared to a russet apple, with the taste of a rich, sweet, juicy pear, with granulated pulp; almost equal to the Mango, and the taste does not have to be acquired. Very choice and rare. Price 40c. each.

The Tamarind, or Tamarindus Indica.

A magnificent plant with delicate Acacia-like foliage, which closes at night, 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 drinks. Highly ornamental as a pot or tub plant. Price 35c. each.

Cattley Guavas.

The common Guava is a most delicious fruit after one has formed a taste for it, but it possesses a musky odor unbearable to some. They are affected by the slightest frost, and must be of considerable size before they will fruit. But in the two following varieties we have something entirely distinct. No musky odor or flavor, the plants hardy enough to stand any temperature above 20 degrees, and for fruitfulness surpassing anything we ever saw. A plant eighteen months old has borne 500 fruits; we have seen a plant less than eighteen inches high carrying 60 fruits, and a plant which could be covered by a box four feet square and two and a half feet deep, held 1,005 fruits, blooms and buds at one time. They are everbearers after they become established, bearing buds, flowers or fruits in some stage every day in the year. Evergreen, with beautiful shining, thick Camellia-like foliage, they would make grand ornamental pot plants if they never bloomed or fruited. Can be wintered in the cellar at the North, or kept growing the year round. Should be planted in the open ground by everybody where the thermometer does not go below 20°.

Red Cattley, or Strawberry Guava—(*Psidium Cattleyanum*.) Fruit rather smaller than an English Walnut, of a fine claret color, and a flavor resembling that of the strawberry; make a beautiful colored jelly.

Yellow Cattley Guava—(*Psidium Lucidum*.) Foliage hardly distinguishable from the Red, but the fruit yellowish green, about the size of a Guinea egg, and of a slightly acidulated flavor; also fine for light colored jelly. Considered even harder than the Red species.

Price of fine mailing plants of either sort, 30c. each, 3 for 75c.; larger, by express, 45c. each, 3 for \$1.25. One of each sort, mailing size, for 50c. One each sort, by express, for 80c.



CATTELY GUAVA.

The Custard Apple or Sugar Apple.

The following species all belong to the genus Anona. As they all shed their leaves in the fall they can be wintered in the cellar if desired. They bear most delicious and beautiful fruits.

Cherimoya or Jamaica Apple (*Annona Cherimolia*.)—An upright grower which bears de-

licious fruit varying from the size of an apple to six inches in diameter; generally with a bright cheek. In Peru, its native home, it is said sometimes to obtain a weight of from fourteen to sixteen pounds. Very rare. Price 40c. each, 3 for \$1.00. Larger, by express, 60c. each, 3 for \$1.75.

Pond Apple or Wild Mustard Apple (*Anona glabra*) of South Florida. Grows readily in almost any soil; fruit as large as a pippin Apple, and handsome and fragrant. Worthy of extensive cultivation even as an ornamental plant alone. Price 30c. each, 3 for 80c. Larger, by express 50c. each, 3 for \$1.40.

Sugar Apple, or Sweet Sop (*Anona squamosa*).—A most delicious fruit, resembling an inverted pine cone; of a yellowish green color when ripe, or a small Pine Apple minus the crown. Grows in the form of a bush and is most easily managed. Price 25c. each, 3 for \$1.00. Larger, by express, 50c. each, 3 for \$1.40.

When desired we will book orders for any Tropical and Semi-Tropical Fruits, except Pomegranates, and send them after April 1st. This will doubtless be the best plan for our customers who live in very cold regions.

HALF HARDY SHRUBS.

This magnificent class of plants used to be very popular, but have been crowded out for a time by the craze for "bedding plants." But they are coming in for their share of attention in the near future, and well do they deserve it. They can be grown in pots, boxes or tubs, grouped about the lawn, or piazza, where they will bloom profusely all summer, and wintered in the cellar. Each passing year will only add to their size and value. We feel justified in saying that no class of plants will furnish so much enjoyment in return for so little care. All they require is good soil and liberal waterings during the summer.



CAPE JESSAMINE.

Cape Jessamine.

(*Gardenia Florida*, fl. pl.)

One of the most beautiful and desirable evergreen shrubs in existence, producing large, double white, exquisitely fragrant flowers from May until September. Hardy throughout the lower South. Price, 20c. ea-h. 3 for 50c. 12 for \$1.80. Fine, large plants by express 40c. each, 3 for \$1.10.

Ardisia Pickeringii.

A beautiful broad-leaved evergreen shrub, native of South Florida. Leaves laurel-like; fragrant, white, purple-tinted flowers, producing delicate panicles in fall and early winter, followed by glossy black, edible berries. Blooms when very small. Price 30c. each.

Bauhinia Acuminata.

Leaves of the richest and most delicate green, curiously two-lobed, closing at night. Flowers in single, pure white, from two to three inches in diameter and produced continuously from May to September. Begins blooming when about a foot or two high. Price, 30c. each.

Poinciana.

(*Casalpinia pulcherrima*)

A beautiful shrub with finely pinnated, Mimosa-like leaves. Completely covered all summer the flower a most curious appearance. A perfect blaze of color when in bloom. Is easily grown from seed and begins blooming when only a foot tall. Price of seed, 10c. per pkt.

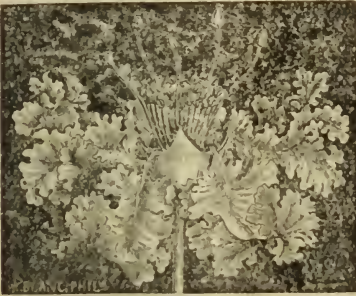
Retama, or Jerusalem Thorn.

(*Parkinsonia aculeata.*)

A highly ornamental evergreen shrub of great beauty. Has extremely curious leaves, consisting of a mid-rib eighteen or more inches long, bearing tiny leaflets each side of its entire length. The leaves close up at night, hanging down in a graceful manner and giving the plant a beautiful, weeping appearance. Its beautiful, showy yellow flowers are disposed in short, loose, axillary racemes. Perfectly hardy as far North as Beaufort, S. C., where it forms a tree twenty-five feet high. When grown as a pot plant it should be well drained. A plant which will attract attention anywhere. Price of seed 15c. per pkt.

Cherokee Bean, or Erythrina Herbacea.

A Florida plant having a large, fleshy, carrot-like root which sends up strong shoots bearing beautiful leaves and immense racemes of the most intense fire scarlet flowers; these are followed by brown pods which burst, revealing the bright red "beans," and remaining on the plant for months. If desired the root can be put in the open ground in the spring, and wintered in a box of dry soil. Price of roots 25c. each, 3 for 60c. Very large roots, by express, 40c. each, 3 for \$1.



CRAPE MYRTLE.

than those of the Lilac. It can be set in the open ground in the spring, where it will bloom freely, and in the fall be dug up, put in a box and wintered in the cellar. Or it can be kept in a box or tub the year round.

Light Pink—A favorite. 25c. each, 3 for 65c.

Scarlet—Very fine. 20c. each, 3 for 50c.

Purple—Choice. 20c. each, 3 for 50c.

White—Very rare, and exquisitely beautiful. 40c. each, 3 for \$1 10.

For \$1 we will mail the four sorts to any address.

Opoponax.

(*Acaelia Farnesiana.*)

Prof. Fraus has recognized in this *Acaelia* the ancient plant, which should give it great interest even if it were not, as it is one of the most beautiful plants in cultivation. Its little leaves are as delicate and beautiful as lace work, and in their axils appear, in the greatest profusion, flowers in the shape of small yellow fuzzy balls, of the most delicious fragrance, from which a popular and delicious perfume is distilled. Seeds 10c. per pkt.

White Opoponax.

(A Species of *Albizia.*)

Plant much more dwarf, but the leaves and balls of white flowers much larger. The flat, brown seeds are very beautiful, and useful in a variety of fancy work. A valuable pot plant for the North, or for the open ground in Florida.

Seeds 10c. per pkt.

Crape Myrtle.

(*Lagerstromia Indica.*)

What the Lilac is to the North the Crape Myrtle is to the South. It thrives anywhere and everywhere and blooms all summer long. Were it but known what a grand plant it is everybody in the North would grow it. Our cut shows the appearance of one individual flower, but we leave it to our customers to imagine the appearance of a bush completely covered with large panicles consisting of scores of such flowers. The petals of the flowers look like crape, and the panicles of bloom are larger



OPOPONAX

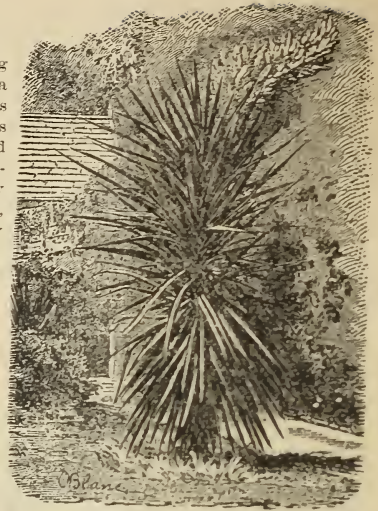
Spanish Dagger, or Bayonet.

(*Yucca Aloifolia*.)

One of the most imposing and tropical appearing plants with which we are acquainted; and it will stand a great amount of neglect. Always ornamental from its smallest size until it becomes an imposing specimen as shown in our cut. Leaves very dark green, stiff and pointed. Begins blooming while small, producing an immense head of creamy, bell shaped flowers, followed by Banana-like fruits. Winters in the cellar. Price 20c. each, 3 for 50c. 1 larger, 30c. each, 3 for 75c. Fine specimens by express, 50c. each, 3 for \$1.25.

Tecoma Stans.

Known in this State as Yellow Elder and Yellow Bignonia. It is a magnificent shrub belonging to the Bignonia family, and in the fall is a "glory of golden yellow flowers," which, are large, tube-shaped and completely cover the plant. Something entirely new for a pot or tub plant at the North, and sure to become a great favorite. Very valuable in this State as a screen for unsightly fences, buildings, etc., sprouting readily from the root if cut down by frost, and blooming the same season. 20c. each, 3 for 50c.



SPANISH DAGGER

Clerodendron Fragrans Flore-Pleno.

The cut conveys but little idea of the great beauty of this much neglected plant. It is of low, shrubby growth, with large, tropical looking leaves, dull green above and dusty appearing beneath. From the axils of the leaves appear compact heads of the most exquisite, waxy, white flowers exactly like miniature Camellia blooms, and of the most delicious fragrance, at times giving off a pleasing Banana-like odor. The flowers are produced in such a compact head as to resemble a bouquet. Given a rich soil it blooms profusely. Can be wintered in the cellar or kept up for winter blossoming. If cut down by frost sprouts readily from the root. Price 20c. each, 3 for 50c.



CLERODENDRON FRAGRANS.

Hamelia Patens.

Another plant of which but little idea of its great beauty is conveyed by the cut. A native of extreme South Florida, and must become a great favorite for open ground planting here, and as a half hardy shrub at the North. Its leaves have a purplish hue at some seasons of the year, and its bright orange-red flowers are produced for months during the summer. Probably it could be forced into bloom at any season of the year. Rarely killed down by frost, and when it is, sprouts readily from the root. With age it becomes a woody shrub five to twelve feet high. Price 30c. each, 3 for 80c.



HAMELIA PATENS.

Nerium Oleander.

The Oleanders are too well known to require extended description, but we may say that this magnificent class of plants has been shamefully neglected. No plant is easier to manage, the flowers possess a fragrance almost rivalling the Rose, and a well grown specimen in bloom is an object of great beauty. In the fall they can be removed to the cellar, where they will require no farther attention until spring. Here they are perfectly hardy when full grown, and succeed in any quality of soil. Should be grown by everybody.

Rosea Splendens—Double pink, very fragrant. A beautiful variety, producing its flowers in great abundance. Price 15c. each, 3 for 40c.

Double White—Beautiful beyond description; forming a lovely contrast with the pink variety. Price 25c. each, 3 for 65c.

We will send one of each variety for 35c.

Geigar Apple, or Thevetia Neriifolia.

Closely related to the Oleanders, and, as far as we can learn, entirely unknown at the North. A rare, quick growing shrub, resembling the Oleander, but more beautiful; leaves narrower and glossy, and the plant always in bloom. Flowers bell-shaped and pale yellow, followed by the most curious appearing green "apples" containing equally curious, large seeds, which are often worn as charms by sailors, and by 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, and at the North as a half-hardy shrub. A plant of great merit. Price 25c. each, 3 for 65c. Fine plants by express 40c. each, 3 for \$1.

We will send one Geigar Apple and the two Oleanders for 55c.



MAGNOLIA GRANDIFLORA.

Magnolia Grandiflora.

The wondrous Magnolia of the South—the most magnificent of all our Southern broad-leaved evergreens. Leaves very large, much like those of the Rubber Tree, dark, shining green above, and a beautiful rusty brown beneath, forming a striking contrast. Flowers six to eight inches across, creamy white, waxy and powerfully fragrant. Forms a majestic tree 60 to 80 feet high. Not considered hardy north of Washington, though a well protected specimen in Philadelphia blooms annually. But as it begins blooming while quite small it can be treated as a tub plant and wintered in the cellar. The cut conveys little idea of the great beauty of its leaves and flowers. Price of nice plants 30c. each, 3 for 80c. Seeds 10c. per pkt.

Laurel Magnolia, or Sweet Bay.

(Magnolia glauca.)

A beautiful shrubby species entirely distinct from the above. Leaves small, glossy green above and silvery white beneath, forming a most beautiful object when stirred by a breeze. Flowers about

the size of a silver dollar, creamy white, and delightfully fragrant. Perfectly hardy in N. Y. State, but can be treated as a tub plant farther north. Price 25c. each, 3 for 60c.

The Pride of India, or China Tree.

(*Melia Azedarach.*)

This beautiful Asiatic tree is perfectly hardy throughout the Southern States, at least as far north as North Carolina. It forms a wide spreading head with compound, twice pinnate leaves, which are very graceful and of a fine dark green color. When in bloom it is completely covered with exquisitely fragrant lavender or lilac flowers. The whole tree has the reputation of being obnoxious to insects; is planted near stables to keep away flies, and in order that the horses may eat the fallen fruit, which is said to prevent bots. Dried fruit, grain and clothing are said to be protected from vermin if packed away with some of the leaves. We find it begins blooming when only two or three feet high, so it can be successfully grown in a box or tub at the North and wintered in the cellar. Seeds germinate readily and grow off with amazing rapidity. Seeds, 5c. per packet.

Umbrella China Tree.

(*Melia Azedarach var. Umbraculiformis.*)

A sport which originated in Texas, and has become very popular. Like its parent in every way, except that the top assumes a perfect umbrella shape, furnishing the most dense shade, and the leaves



AQUATIC AND BOG GARDEN.

hanging on longer. The most perfect thing in the shape of a tree we ever saw. Grown as a half hardy shrub it will prove one of the most ornamental objects imaginable for a Northern yard. Fine little trees 25c. each, 3 for 60c. Seeds, 10c. per pkt., 3 pkts. for 25c.

Aquatic and Bog Plants.

Few, indeed, are aware of the amount of enjoyment to be derived from the cultivation of this class of plants. Few florists have included them in their catalogues, so it has been impossible to secure

anything like a good collection without going to a considerable expense. Almost everyone has seen and admired our native Water or Pond Lily (*Nymphaea odorata*.) and inhaled its matchless perfume, but we doubt if flower lovers in general are aware that there are many other species with flowers running through the different shades of blue, red and yellow, and grand in flower and foliage beyond anything they have imagined. Water Lilies are so easily grown and flower so profusely that everybody should grow them. Those living near lakes, ponds or still streams with muddy bottoms, can grow them there, and the hardy sorts will increase from year to year; but they can also be grown in the yard; in fountain basins (provided the fountain is not allowed to play too often,) in tubs made by sawing kerosene or pickle barrels, or hogsheads, in two, or in artificial pools made of stone, brick or cement. The cheapest plan is to use the tubs. After cleaning them thoroughly fill one half or two thirds full of soil. This may be either good, rich loam and the best decayed stable or cow manure in equal parts, or rich mud or muck; set the tubs in the warmest part of the yard where they will receive all the sun possible, plant the roots and fill up with water. They will require no further attention except to replace the water as it evaporates. In the fall remove the tubs to the cellar. A most beautiful effect can be produced by sinking the tubs to the rims in the ground in a group, and then form a back-ground by planting Arums, Alocasias, Bananas, Cannas, Callas, Colocasias, Caladiums, Ferns, Iris, Marantas., etc. Such plants also flourish wonderfully on the moist margins of lakes and streams. Of course many other plants like Bamboos, Grasses, etc., and such plants as Begonias, Palms, Spanish Dagger, etc., growing in pots or tubs, may be set among them. The above cut conveys a faint idea of what can be accomplished in this direction.

Nymphaeas, or Water Lilies.

This genus is represented in some of the lakes and ponds of the North and South by the lovely White Water or Pond Lily. But there are a number



NYPHÆA ODORATA.

of other species, natives of both temperate and tropical climates, producing flowers and foliage of the greatest magnificence. Some are tender at the North and must be wintered in the cellar, but others are perfectly hardy in the same sense that the common Water Lily is hardy, that is, when its roots are in the soil beneath the water where the frost cannot reach them. But at present these sorts are held at prices far above the reach of any but the wealthy; but we hope to soon be able to put them all within the reach of the humble cultivator of flowers, as we have put a few in this catalogue.

Nymphaea Zanzibarenis azurea—We heartily wish we could impress upon every one just how beautiful this wonderful African Water Lily is. Its rapidity of growth and profusion of bloom is simply marvelous. The first of July we planted a tiny tuber no larger than a buck-shot, and in less than one month it commenced blooming, and every day since it has had from one to three flowers. These, when they first open, are of the deepest, rich azure blue, but in a day or two begin to fade to a delicate shade of blue exactly like that of *Plumbago Capensis*. The yellow stamens are also tipped with blue, and the most delightful Opopanax-like odor is given off. They open at 7 a. m. and remain open longer each day, the last two or three days remaining open until about 4 p. m. The leaves are a rich shining green, with serrated edges, and covered with brown spots. In rich mud, where its roots can run at will, it will cover a space 30 feet in diameter with its leaves, which will be two feet in diameter and the flowers twelve inches across. Of course in a tub both leaves and flowers will be smaller. It will grow and bloom perfectly in an ordinary tub (blooming constantly until frosty weather); but would give far greater satisfaction in a tub made by sawing a hogshead in two. It should be planted in all the lakes in the South, but should never be put into deep water while dormant. Start it well in a pot or tub, first. When received at the North it can be put into any pot or dish of soil, in which an inch or two of water can be kept on the surface; and when the weather becomes warm set in a tub in the yard. *This Water Lily has never before been offered at less than \$5.00 per root.* At the price we offer it we hope everybody who sees this catalogue will send for one. Price of fine roots, by mail, 50c. each, 3 for \$1.25.

Nymphaea flava—A genuine Water Lily, native of Florida and not found in any other part of the world. Its leaves and flowers are a little smaller than those of the common Water Lily. Leaves beautifully variegated with brown; flowers bright golden yellow and deliciously scented, something like Locust-tree blossoms, but more delicate. It is perfectly hardy at the North, but should have as

warm a position as possible during the summer. We are glad to offer it to our customers at a much lower price than it has ever before been offered. Price 30c. each, 3 for 75c., 12 for \$2.75.

Nymphaea odorata—Our native Water, or Pond Lily, the praises of which can never be too highly sung. Its lovely white and deliciously fragrant flowers appear at an advantage beside the most costly exotics. Can be successfully grown in a tub, and wintered in the cellar. Or it can be naturalized in a pond, or slow running stream having a muddy bottom. Don't tie it to a stone and sink it, as recommended by many, but push the root carefully into the mud, after which it will take care of itself. Where the mud is very rich it will produce flowers six inches, and leaves thirteen inches across. Extra fine roots, 25c. each, 3 for 65c., 12 for \$2.50.

Nymphaea odorata minor—A dwarf variety of the above, possessing the same qualities of hardness and fragrance, but producing flowers only one and a half or two inches across, white, tinted with pink on the outside. The leaves are also correspondingly small. One of the most perfect little gems imaginable. Price 30c. each, 3 for 80c., 12 for \$3.00.

Lotus, or Nelumbium.

This class of Water Lilies is strikingly different from those just described. The greater part of the leaves, and the immense flowers are borne high above the water, presenting a most striking and tropical appearance. The flowers are followed by large and most curious seed pods resembling the "rose" or "sprinkler" of a watering pot, containing large acorn-like seeds, the ends of which show through the holes. The seed germinate most readily if a hole is filed through the shell to the kernel, but not into it. The plants must have a heavy soil, as they will not thrive in one of a light, peaty nature. If the soil is prepared, a quantity of clay mixed with it will give it the required heaviness.

Egyptian Lotus (*Nelumbium speciosum*).—The wonderful "Sacred Lotus," so famed in prose and poetry. One of the most tropical appearing plants in cultivation, but equally as hardy as our common Water Lily, though coming from a tropical region. In rich soil it will produce leaves thirty inches across on foot stalks five to six feet in length, and flower stalks five to seven feet tall. The first day the flowers appear like gigantic tea rose buds, of a bright rose color. The second day they open like an immense Tulip, the base of the petals being creamy white, most beautifully and delicately shaded off toward the end into bright pink. They are delightfully fragrant, and in the last stages of their development measure from ten to thirteen inches from tip to tip of petals. Nine years ago a single root was planted in a secluded corner of a mill pond in New Jersey, where the water was from one to two feet deep. Now it covers from three quarters of an acre to an acre, a solid mass, the leaves standing from three to six feet above the water, completely hiding the tallest man from view when walking through the mass of foliage. In August 500 of the beautifully shaded pink flowers can be seen open at one time. It grows readily and rapidly from the seed, and blooms finely in a tub; but the larger the tub the better the results. Price of fresh seed 20c. per pkt.



AMERICAN LOTUS.

American Lotus—(*Nelumbium luteum*.) A native of this country but extremely rare. It is perfectly hardy and flourishes under the same conditions as the Egyptian Lotus, from which it hardly differs except in the color of the flowers, being a rich sulphur yellow, as large as a quart bowl and having a strong fragrance entirely unlike that of a *Nymphaea*. A large patch of them, with hundreds of buds and flowers, is a sight never to be forgotten. Price of fresh seed 15c. per pkt.



EGYPTIAN LOTUS.

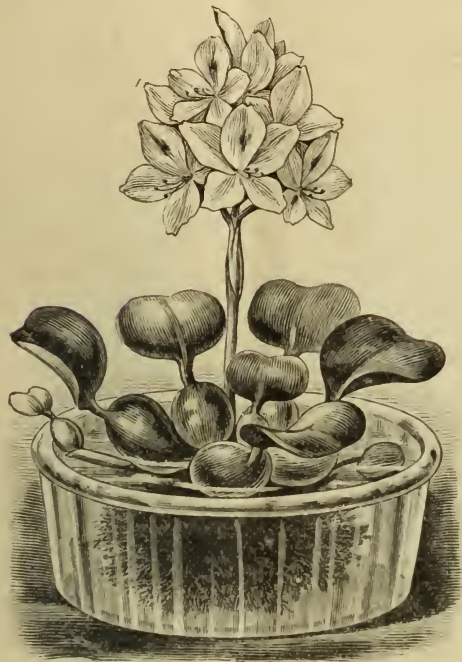
Do not fail to add 10c. to your order and have it packed in a liberal quantity of Spanish Moss. Not only is it beautiful for decorative work, but plants carry much better packed in it.

The Water Hyacinth.

(*Eichhornia* [*Pontederia*] *crassipes major*.)

One of the most remarkably curious and beautiful plants we have ever grown. Instead of growing in soil it floats in the water which it is enabled to do by means of its curiously inflated leaf stalks, which resemble bladders, or balloons, filled with air. A large mass of feathery *blue* roots grow downward, their ends entering the soil. It forms a lovely rosette of its curious, shining green leaves, and throws up spikes of the most exquisite flowers imaginable, resembling, in form, a spike of Hyacinth bloom, but as beautiful as many of the choicest and most costly Orchids. Each flower is as large, or larger, than a silver dollar, and has six petals, instead of five as shown in the cut; color a beautiful, soft lilac-rose, sparkling as if covered with diamond dust. The upper petal, which is the largest, has a large metallic blue blotch in the center, and in the center of that a small, deep, golden yellow spot. Can be grown in the open air in summer and in the window in winter, in anything which will hold water. The most

beautiful effect is produced by using a glass vessel of some sort, with shells and white sand so arranged in the bottom as to conceal a small amount of soil. It created a great sensation in Europe, where it has received unstinted praise, and cannot fail to delight everybody who gives it a trial. Fine plants 20c. each.



WATER HYACINTH.

a tub, or any shallow water; must be wintered away from frost. Price 15c. each.

Water Lettuce.

(*Pistia Stratiotes*.)

A Florida plant of the greatest beauty, and grows in just the same manner as the Water Hyacinth. It forms a rosette about six inches across, composed of the most exquisite leaves, which are ribbed and feel and look as if cut out of greenish-yellow velvet, sprinkled with diamond dust. Its beauty can be appreciated only by being seen. Price 15c. each.

The Water Hyacinth and Water Lettuce make most beautiful companions, and we will send one plant of each for only 30c.

Water Poppy.

(*Limncharis Humboldtii*.)

A charming and easily cultivated plant, with small, oval, floating leaves, and flowers of a bright lemon color, with black stamens, standing a few inches out of the water and produced freely all summer. Easily grown in

Water Shield.

(*Brasenia peltata*.)

A lovely little native plant, perfectly hardy and very useful for growing in aquariums, and for forming edgings around aquatic gardens. Its small floating leaves are just the shape of a shield, and the whole plant, except the surface of its leaves, is completely coated with a gelatinous, viscid exudation. Price 10c. each.

Golden Club.

(*Orontium aquaticum*.)

A native plant perfectly hardy at the North, but well worthy of being grown extensively as a pot plant on account of the great beauty of its leaves, and curious yellow spadix and club-shaped scape. The leaves are about a foot long, very broad and of a deep, rich, velvety, black-green, equally as beautiful as any Begonia in cultivation; and if water is scooped up in the leaves it appears exactly like quicksilver. Flourishes equally well in very moist soil, or in shallow water. Price 15c. each.

Arrow Arum, or *Peltandra Virginia*.

Another native and perfectly hardy plant well worthy of cultivation, either as a pot plant or on the banks of the aquatic garden; will grow either in or out of the water. The plant looks exactly like a dwarf Calla Lily, growing but a foot, or little more, tall. Bears a curious flower something like a Calla, but not as beautiful. An extremely neat and pleasing plant. Price 15c. each.

Pickerel Weed, or *Pontederia Cordata*.

An interesting plant for shallow water. Grows two or three feet tall, in the form of a Calla Lily, with heart-shaped leaves and spikes of beautiful blue and yellow flowers which are produced all summer. Perfectly hardy. Price 15c. each.

Limnanthemum Trachyspermum.

A Southern plant with leaves strikingly like a Water Lily, but of a yellowish color, with darker veins, and curiously rough and pitted beneath. Its flowers, which are produced freely all summer, are curiously borne on the same stem which bears the leaves. Will grow in either deep or shallow water, and is a charming plant for the aquarium. Price 10c. each.

*Venus' Fly Trap, or *Dionæa Muscipula*.

Our cut gives a good idea of this most strange of all strange and curious plants. As shown, its leaves are furnished at the ends with a curious trap-like arrangement, the inner surface of which is covered with hair-like sensitive organs so that the instant an insect lights upon them they instantly close and it is held a prisoner until dead. It is one of the so-called "carnivorous plants," which are believed



VENUS' FLY TRAP.

to feed upon the insects they capture. It is a highly interesting plant, and produces a spike of beautiful white flowers. Is easily cultivated as a window plant if given an abundance of water, which should always stand in the saucer; it also likes plenty of sun. It is extremely rare, being found in but one place in the world. Price 20c. each, 3 for 50c.

Pitcher Plants, or *Sarracenias*.

A highly ornamental and interesting class of plants belonging to the same order as the Fly Trap, and flourishing under the same conditions. They all like a peat, or bog soil, and to be kept very moist. They have hollow pitcher or trumpet-shaped leaves, lined with hairs which point downward, so after an

insect once enters he can never make his way out, but is drowned in the water which the pitchers contain. Their large yellow or purple flowers are also highly ornamental and odd.

***Sarracenia flava, or Trumpets**—This is the largest of all, its erect, trumpet-shaped leaves frequently growing three feet tall. They are yellowish green, with a curious, over-arching hood reticulated with purple veins. Flowers yellow and very large, four to five inches across. Price, 20c. each, 3 for 50c.

***Sarracenia rubra.** A small growing species, with more slender trumpets of a reddish color and prettily veined. Particularly neat when grown several in a pot together. Flowers crimson purple. 20c. each, 3 for 50c.

Sarracenia variolaris—Pitchers from twelve to eighteen inches high, and very curiously hooded at the top, these hoods being beautifully spotted with white and reticulated with purple veins within. Flowers yellow and two inches wide. A very ornamental sort, and one of the very best. Price 15c. each, 3 for 40c.

Caladium Esculentum.

This grand foliage plant is as easy to grow as a potato and will flourish anywhere, in or out of water, but thrives best on very rich, moist soil, and in such a position will grow from four to six feet



CALADIUM ESCULENTUM.

tall, and produce leaves three feet long by two feet broad. It will attain this size even in ordinary garden soil if made very rich. The bulbs are kept over winter dry like potatoes. Price 15c. each, 3 for 40c. Very large bulbs, 25c. each, 3 for 65c.

Cacti and Agaves.

These plants are becoming more popular every year. They require so little attention, stand so much neglect and present such an odd and striking appearance that it is no wonder they are coming so much into favor. They form most desirable ornaments for the lawn, and can be wintered in the cellar if the earth they are growing in is allowed to become quite dry. The two species of Agave which we offer are entirely distinct from the common "Century Plant."

Opuntia vulgaris—A low spreading sort, perfectly hardy if given a dry situation. In summer completely covered with gorgeous, golden yellow flowers as large over as a tea-cup, followed by small, pear-shaped fruits. 15c. each, 3 for 40c.

Opuntia Tuna—An upright grower, covered with strong, yellow spines. Flowers large, yellow, often with a tinge of wine color. Fruit makes splendid jelly and preserves. 20c each, 3 for 50c.

*Orders for plants marked with a * will be booked, and the plants mailed about April 1st, or as soon after as possible.

Opuntia Ficus-Indica—The true Indian Fig Cactus. Joints very large and smooth, usually without a spine. Forming a majestic plant of great size and striking appearance. Flowers yellow, followed by very large, edible fruits. 30c. each, 3 for 80c.

Cereus splendens—A South Florida night-blooming Cereus of great beauty. Flowers straw colored, rich and creamy, and five or six inches in diameter. Very desirable. 20c. each, 3 for 50c.

Cereus Variabilis—Another South Florida sort, but a day bloomer. Flowers white and of great beauty. Stems from three to six-sided, spines few, but very stout and long. 25c. each.



OPUNTIA VULGARIS.

Pereskia aculeata—A climbing Cactus with true leaves, much like lemon leaves, but more fleshy, with stout spines at the base of each leaf. Bears in the greatest profusion the most exquisite single white flowers resembling wild roses, and of almost overpowering fragrance. Almost unknown at the North, except as a stock on which to graft the Lobster Cactus. 15c. each; 3 for 40c.

Agave rigida—A handsome and striking plant; native of South Florida. Leaves stiff and very thorny; forming at length a short stem or trunk, after the manner of the Spanish Dagger. 20c. each, 3 for 50c.

Agave rigida—var. **Sisalana**—The true Sisal Hemp, furnishing one of the most valuable known fibres for rope, cordage, etc. Leaves very dark green, not very thorny, and easy to handle. 25c. each; 3 for 60c.



AGAVE

Orchids and Air Plants.

A highly interesting class of plants growing on the branches and trunks of trees, instead of in soil. All they require is to be fastened onto a rough piece of wood, or bark, and be dipped into water frequently. Very rustic and curious affairs can be formed by growing them on forked branches, miniature stumps, etc. Most Orchids are very tender and must be grown in great heat and moisture, in specially constructed glass houses; but the two species we offer will stand quite severe frosts and thrive anywhere that a Geranium will.

Epidendrum venosum—This neat and beautiful Florida Orchid seems to be quite unknown at the North, yet it is immensely superior in beauty to many a \$5 species. It is composed of a mass of green bulbs and stiff, thick, waxy leaves. In summer it produces long spikes of showy flowers an inch, or more, in diameter of beautiful shades of pink



ORCHID.

and greenish chocolate color, changing with age to rich yellow and chocolate. Can be grown on a block of wood, or in pots of peat, moss and charcoal mixed. Price 20c. each. Very fine clumps 35c. each.

Epidendrum conopseum—Another native sort, very hardy and pretty and grows under the same conditions. Does not have the green bulbs and both foliage and flowers are much smaller. Flowers greenish purple and produced in great profusion. A 2051 sized clump in full bloom presenting a very beautiful appearance.

Price 15c. each. Very fine clumps 25c. each.

Tillandsia utriculata, or Pine Apple Air Plant. One of the largest species, bearing a striking resemblance to a Pine Apple plant minus the fruit. In full grown specimens the leaves are two inches, or more, wide, two or three feet long, and beautifully recurved. This and the following species can be grown in a wire basket of moss, or be wired to a forked limb, and hung up by cords. All they need is a little water poured into them occasionally. Price 20c. each. Extra fine, large plants, 50c. each.

Tillandsia bracteata—Another large growing sort of great beauty. Leaves grayish green, with a purplish hue, and quite upright instead of recurved, giving it a very distinct appearance. Flower stalk and bracts brilliant crimson and flowers purple, making a very showy appearance and remaining beautiful for weeks. Price 20c. each. Extra fine, large plants 30c. each.

These two Air Plants make most valuable and unique hanging plants for the window, enduring a low temperature (though but little actual frost). We will mail one of each for 35c., or one of each extra large size for 50c.

Spanish, or Florida Moss (*Tillandsia usneoides*).—The long, graceful, silvery gray festoons of this beautiful Air Plant—erroneously called a moss—hang like long streamers from the limbs of the trees, producing an indescribably beautiful effect as it waves back and forth in every passing breeze. In the North it can be used with the most charming effect for draping over picture frames, and rustic work. In drawing rooms, and for decorating Christmas trees and booths at church fairs, etc. It remains fresh and beautiful for months, and if occasionally taken down and thoroughly wet will remain fresh and growing for an indefinite period. The longest and most perfect strands, 20c. per lb., 2 lbs. for 35c., 3 lbs. for 50c.



TILLANDSIA UTRICULATA.

Ferns.

The airy gracefulness and beauty of Ferns are too well known to need comment from us. Everybody who cultivates flowers should grow Ferns, both in the garden and in the house. They flourish to perfection in moist, shady positions where many other plants utterly refuse to grow. A soil composed of equal parts of loam and leaf mold, with a liberal addition of sand, suits them admirably. Many of the following varieties are very rare and high priced at the North, or are not catalogued at all.

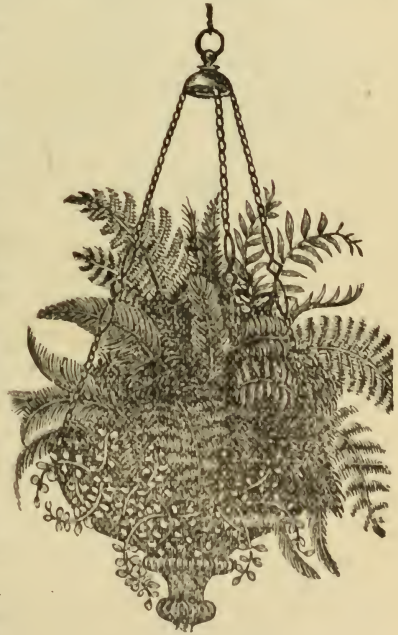
Asplenium ebeneum—One of the most delicate and graceful of our native Ferns. Perfectly hardy everywhere, but beautiful for pot culture in the winter. Stalks purplish black and shining, fronds 6 to 18 inches tall and 1 to 3 inches broad. 15c. each, 3 for 40c.

Blechnum serrulatum—A very beautiful and stately Fern found in South Florida and the tropics. Fronds 1 to 3 feet tall and 6 to 9 inches broad. The new growth is of a rich blue color, turning green with age. Rare and choice. 15c. each, 3 for 40c.

Nephrolepis exaltata—The beautiful *Sword Fern* of choice conservatory collections, often grown in wire baskets of damp moss and soil. In well grown specimens the fronds attain a length of 6 or 7 feet, but only 1 to 3 inches wide, and like plumes arching over in every direction, in a most graceful manner. Very fine for hanging pots. Rare and high priced at the North. 20c. each, 3 for 50c.

Osmunda cinnamomea, or *Cinnamon Fern*—A handsome species, hardy throughout the North. Fronds 2 to 3 feet tall and 6 to 8 inches broad. 15c. each, 3 for 40c. Large roots 20c. each, 3 for 50c.

Osmunda regalis—The *Royal, or Flowering Fern*. Also hardy everywhere and one of the very best of the large hardy Ferns. Fronds from 2 to 6 feet tall and one foot or more broad, 25c. each.



BASKET OF FERNS.

Polypodium aureum—A noble Fern with large glaucous fronds. Is best grown artificially in pots of moss, soil and rotten wood mixed. Very choice. 25c. each.

Polypodium incanum—A half-hardy species growing in dense masses on the bark of oaks, hickories, etc., its fronds curling up in a dry time like the Resurrection Plant of Mexico, and opening whenever it rains. It is best grown on top of a pot of soil, as then the fronds remain expanded longer. The fronds are only from 2 to 4 inches long and 1 to 1½ inches broad, just the thing for the background of a button hole bouquet. 15c. each. Large clumps 25c. Magnificent, large masses, by express, 75c.

Polypodium pectinatum—A South Florida Fern of great beauty, somewhat resembling the *Sword Fern*. Fronds 1 to 3 feet tall, and 2 to 6 inches broad. Very choice, 20c. each, 3 for 50c.

Polypodium Phyllitides—The *Hart's Tongue Fern* of South Florida and Tropical America. It has straight, undivided, lanceolate fronds of the richest, darkest green; very striking and unique. It is best grown in a mixture of rotten wood, soil and moss. Very rare. 50c.

Woodwardia angustifolia—A handsome native Fern, perfectly hardy everywhere. 15c. each, 3 for 50c.

Palms.

For ornamental and decorative purposes few plants can equal the grand and stately Palms. They succeed finely as pot plants in living rooms, but the high prices at which they are usually held prevents them being universally grown. We are happy to be able to offer the following collection of desirable and easily managed sorts at prices which will put them within the reach of all. In potting Palms the soil should be packed about the roots very firmly and rather small pots used, shifting to larger sizes only when the pots become filled with roots.

Latania Borbonica—The *Chinese Fan-Palm* from which the palm-leaf fans of commerce are made. The most popular Palm in cultivation for decorative work; stands neglect well, and also a considerable amount of cold. If grown in partial shade while young the leaves will be of a richer, darker green. Price 25c. each.



PALM.

Oreodoxa regia, the *Royal Palm*. One of the grandest of the pinnate-leaved Palms, of the most graceful outline, and a great favorite. Stands light frosts unharmed. Price 25c. each.

Phoenix dactylifera, the true *Date Palm*. Another beautiful pinnate-leaved Palm, and very hardy. Very stately and decorative. Price 25c. each.

Rhapidophyllum Hystrix, or *Needle Palm*. One of the most hardy and at the same time most beautiful Palms in cultivation. Its fan-shaped leaves are dark, shining green above, and a most beautiful silvery gray beneath. Very hardy, standing severe freezing. Extremely high priced in European catalogues. Price 20c. each. Extra large and fine, 40c. each.

Sabal Adansonii—A dwarf Fan Palm of great beauty, resisting severe cold unharmed, even as low as 10° Fahr. The graceful flower stem rises high above the leaves, sometimes 6 or 7 feet tall. Price 15c. each. Extra fine and large, 30c. each.

Sabal Palmetto—The Historical *Cabbage Palm* of the South, equally as hardy as *S. Adansonii*. A very ornamental Fan Palm, and when the plant becomes old the leaves are of great size. Price 20c. each.

Serenoa serrulata, or *Saw Palm*. Leaves bright green and circular in outline like a fan. Leaf stalks slender and spiny-edged. A very desirable pot Palm. Price 20c. each.

Palm Leaves for Church Decoration on Palm-Sunday.

For this purpose we can send very beautiful Palm-leaves of assorted sizes and varieties. For \$1 we will send a nice collection by mail; for \$2 a much larger and finer collection; and for \$3 a magnificent collection. By express, at purchaser's expense, we will send much larger and finer collections at the above prices; and for \$5 we will send, by express, enough to decorate a church magnificently, including whole tops of small Palm trees, which can be placed in pots to resemble growing plants. We strongly advise having all collections sent by express, for not only can we send much larger collections

for the money, but they will be received in much better condition, and by a few members clubbing together the expense to each will be slight. As soon as received they should be unpacked and placed in water in a cool, dark place. *All orders for Palm-leaves must be in our office by March 10th.*

Amaryllis Family.

We wish to call special attention to our collection of this class of magnificent flowering bulbs, not that the collection is complete by any means, but never before have such beautiful and desirable sorts been catalogued at such extremely low prices. Not more than one of the Crinums we offer can be obtained anywhere in the North, and they would be catalogued there at anywhere from \$5 to \$25 each.



AMARYLLIS EQUESTRE.

mistake for it is as easily grown as a potato, and will bloom magnificently after it has lain dry for weeks. The bulb attains the size of a quart measure, and throws up one, two, or more stout stalks at a time, each bearing an umbel of from 6 to 25 of the loveliest flowers imaginable. The cut shows the appearance of one of the individual flowers, which are pure white, airy and fragile appearing and deliciously sweet scented. In the centre of each flower is a beautiful crown, or saucer, resembling tissue paper. They may be grown in the open ground, pulled up in the fall and kept dry over winter the same as Gladiolus, etc., or be grown in pots and water withheld when they evince a desire to rest. Too large pots should not be used, as they bloom best when pot-bound. By having several bulbs on hand, and planting them out at intervals of two or three weeks, an almost unbroken succession of bloom can be kept up. Price of strong, blooming bulbs, 25c. each, 3 for 60c., 6 for \$1.10, 12 for \$2.

The Hymenocallis is in bloom and I am very happily disappointed after the description given of it in a work I have on plant culture. It is certainly a most desirable bulb, its curious bloom and such fragrance cannot be beat. I think it will be the means of selling many others.
—Mrs. L. Langlois, Waukesha, Wis.

Crinum Americanum—An evergreen species and of the easiest culture; is best grown as a pot plant and can be wintered in the cellar if the soil is kept nearly dry. Like most Amaryllis the Crinums bloom best when somewhat pot-bound. Its large white, exquisitely fragrant, lily-like



HYMENOCALLIS CARIBBEUM.

flowers are produced in an umbel, as shown in the cut, and borne on a tall scape. A striking plant and far more beautiful than many of the high priced Amaryllis, and in cultivation blooms several times a year. Our stock is very large, so we are able to offer blooming size bulbs at the extremely low price of 20c. each, 3 for 50c., 6 for 90c., 12 for \$1.75.



CRINUM AMERICANUM.

growing foliage is erect and sword shaped. Flowers in umbel-, very large and showy, three to four inches in diameter, striped white and carmine and very fragrant. Fine blooming bulbs 50c. each. Largest size 50c. each.

Crinum pedunculatum, or *St. John's Lily*. A king among Crinums, mature plants having a height of three to six feet, and a corresponding breadth of magnificent foliage. Much like a giant form of *C. Americanum* having the same kind of flowers, only larger and in an immense umbel of 20 to 30 or more, borne on a scape three or more feet tall. Flowers pure white, very fragrant and produced at intervals throughout the year. Full sized bulbs are large and stump-like and can be sent by express only. Our stock is limited and has cost us nearly as much as we charge. First size, by mail, 60c. each, second size, by mail \$1.10 each. Very large blooming bulbs, by express only, \$2.00 each.

Crinum pedunculatum has 18 thick heavy leaves, almost all of them a yard long, and fills the bay window completely.—Mrs. Annie Craft, St. Joseph, Mo.

Excelsior Pearl Tuberosc. Everyone is not aware that the beautiful Tuberosc is a member of the great Amaryllis family. The cut gives a very good idea of a section of the long spikes of pure white, wax-like, double flowers which are of great beauty and fragrance. Early in the spring fill pots $\frac{1}{2}$ or $\frac{1}{2}$ full of old, thoroughly decayed cow manure, packed down firmly; then fill up with rich sandy soil, insert the bulbs so that the tops will be just covered water thoroughly and set in a very warm position to sprout. They may be grown all summer in pots

Crinum Kirkii (?)—This magnificent bulb frequently attains the size of a child's head, and produces flowers of the greatest beauty. Its leaves are wavy-edged and radiate in the form of a rosette. Usually two flower stalks, each two or more feet tall, and of a dark purplish color, are sent up at the same time, each bearing a large umbel, consisting of a dozen, or more, large, lily-like flowers of the greatest beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe down the centre of the outside of each and showing through faintly on the inside. A plant which will create a sensation anywhere when in bloom. Bulbs weighing from one to two pounds 50c. each, two to four pounds 80c. Largest size, by express, \$1.00 each.

The immense bulb of *Crinum Kirkii* came to hand Saturday afternoon, was planted Monday morning and the next Saturday was in full bloom. I go out a dozen times a day to worship it, for it is the loveliest thing I ever dreamed of and is the wonder of the entire neighborhood.—Mrs. J. L. Pike, North Carmel, Maine.

Crinum fimbriatum or *Milk and Wine Lily*.—A grand sort almost as beautiful as the above, but its bulbs do not grow as large and its strong



CRINUM.

or turned out into a very rich spot in the border after the weather becomes thoroughly warm; but they must be abundantly supplied with water in dry times. Florida grown Tuberose bulbs are famous the world over, being eagerly sought for in the North and in England. The long seasons here give the bulbs a chance to mature, and they are therefore much more sure to bloom. The variety we offer is the *Excelsior Pearl*, the most desirable on account of its short stalks, and long spikes of large and very double flowers. Fine flowering bulbs 7c. each, 2 for 10c., 12 for 50c. Select bulbs of the largest size 10c. each, 2 for 15c., 12 for 75c.



EXCELSIOR PEARL TUBEROSE.

CLIMBING PLANTS.

Some of the most beautiful creations of nature are wrought in vines. They beautify whatever they touch, be it the mansion of the wealthy or some dead and decaying monarch of the forest. Plant vines in abundance, their airy gracefulness and beauty will prove a perpetual delight to all who behold them.

Ampelopsis quinquetolia, or American Ivy.

One of the very best climbers, for any location, as it is not only beautiful, but of rapid growth, succeeding on any soil, rich or poor, wet or dry, and hardy in Canada. Its leaves turn brilliant crimson in the fall. Will cling to wood, stone or brick. Price 15c. each, 2 for 25c.

Lonicera Sempervirens, or Red Coral Honeysuckle.

A handsome native climber, hardy everywhere and blooming almost constantly, the flowers followed by very ornamental, red, currant-like berries. Flowers scarlet outside and yellow within; tube-shaped and very different from the Honeysuckles in common cultivation. 15c. each, 2 for 25c.

Bignonia Capreolata, or Cross Vine.

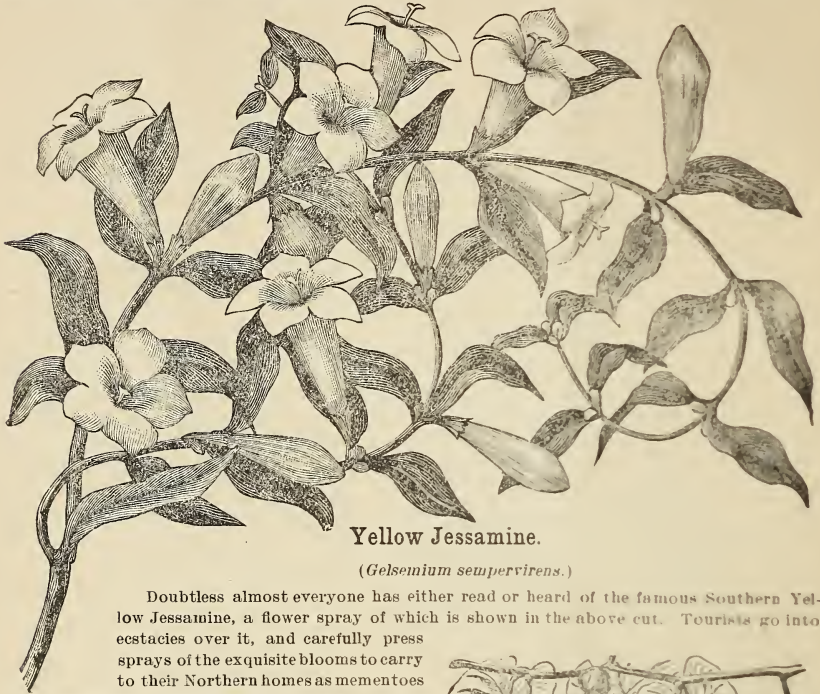
A very beautiful evergreen vine, native of Florida and closely related to the Trumpet Creeper. Flowers orange red, very handsome and produced in February in the greatest profusion, and more sparingly at other seasons of the year. Leaves very dark green and glossy. A most beautiful plant when not in bloom. At the North it must be wintered in the house or cellar. Price 25c. each.

See *Novelties for descriptions of different species of Ipomœa, and other climbers.*

Antigonon leptopus, or Rosa de Montana.

A splendid tuberous-climbing plant from Central Mexico, described by its discoverer as the most beautiful climber he had ever beheld. Its beautiful rose colored flowers are produced in racemes two feet long, and in such profusion as to give the resemblance of Roses at a distance; hence one of its

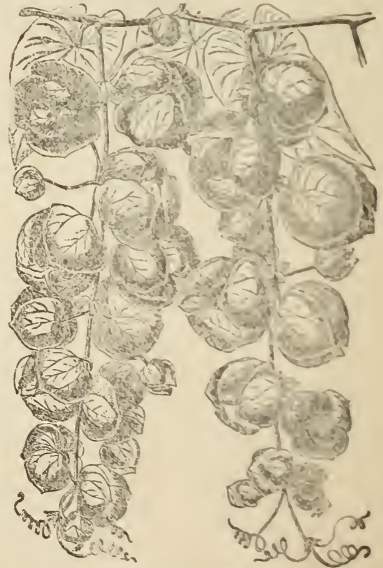
Mexican names is Rosa de Montana, or Mountain Rose. In the North it should be wintered in the house or cellar, but in this State it is perfectly hardy, thriving wonderfully, and should be found in every yard. Strong roots 20c. each, 3 for 50c.



Yellow Jessamine.

(*Gelsemium sempervirens.*)

Doubtless almost everyone has either read or heard of the famous Southern Yellow Jessamine, a flower spray of which is shown in the above cut. Tourists go into ecstasies over it, and carefully press sprays of the exquisite blooms to carry to their Northern homes as mementoes of a winter spent in "The Land of Flowers." But it does not seem to be generally known that it is one of the easiest grown climbers in cultivation, succeeding in any soil, wet or dry, rich or poor, though, like all plants, fully appreciating and repaying good cultivation. It is quick growing, has beautiful shining evergreen foliage, and for several weeks in the spring is completely covered with its beautiful golden-yellow, exquisitely sweet scented, funnel-shaped flowers. A large vine in full bloom is a sight never to be forgotten, and one beyond the power of pen to describe. North of Washington the vine should be laid on the ground in the fall and well covered with straw, evergreen boughs or rubbish. It may be grown in a large pot or box, trained on a trellis and wintered in the living-room or cellar, which would, perhaps, be the best plan at points far North where the winters are unusually severe. As a trellis plant for the window nothing can be more beautiful and desirable, as it blooms young and is ornamental at all times. A well grown specimen would create a sensation anywhere. It is deserving of extensive cultivation, and we hope its dissemination will not cease until it is grown by everyone who loves beautiful flowers. With slight protection it has proved perfectly hardy in Illinois, and also in Philadelphia. Price of fine plants, 20c. each, 3 for 50c.



ANTIGONON LEPTOPUS.



TRUMPET CREEPER.

Trumpet Creeper, or *Tecoma Radicans*.

For covering dead or live trees, old buildings or any unsightly object, we can heartily recommend the Trumpet Creeper. It grows very rapidly, produces beautiful foliage and an abundance of lovely, bright orange, tubular flowers; clings to wood, stone or brick with a tenacity that defies the wildest tempest, and, best of all, is *perfectly hardy*. A beautiful weeping tree can be made by planting it at the foot of a stout stake, six or eight feet high, and as soon as it has run a few inches above the top, pinching it off, causing it to form a dense, bushy head. The side shoots, from the ground up, must also be kept off, and attention paid to the head to see that it is well formed. By the time the stake has rotted away the stem will be large enough to support the head, which will be a perfect fountain of living green, and, added to this, for several weeks in mid-summer, when it is in bloom, it will be a perfect blaze of glory. It ought to have a place in every yard in the land. Fine roots, 15c. each, 3 for 30c.

Bell-Flowered Clematis.

The two species of Clematis offered here have bell-shaped flowers instead of opening flat the same as most common sorts. The roots are perfectly hardy, the top dying down to the ground every fall, coming up in the spring and growing 10 to 20 feet each season, and blooming in the greatest profusion. Each year, as the roots become stronger, they make a greater growth and continually increase in value. The cuts convey some idea of their beauty.



CLEMATIS COCCINEA.



CLEMATIS CRISPA.

the most satisfactory way to grow them is by planting around the edges of pots containing large growing plants, such as Oleanders, Roses, Fuchsias, etc. In such a position they will flourish and bloom for years, the roots of the large plants serving to keep the soil sweet and friable.

Price of strong flowering bulbs, 7c. each, 2 for 12c., 6 for 35c., 12 for 50c., 50 for \$1.75. *Anyone, even children, can readily form clubs for this charming flower, thus securing their own bulbs free.*

The Pink Fairy Lily or Zephyranthes Rosca—A very distinctive form with the most beautiful clear rosy pink flowers. Its foliage and bulbs are much larger than the White, and it is a most profuse bloomer. It can be grown as a pot plant the year round, or planted in the open ground in the spring, and wintered in the cellar in a box of soil. Fine blooming bulbs 10c. each, 3 for 25c. 12 for 75c. *See cut, page 26.*

Special Offer. This and the white form a most charming contrast, and we will send one bulb of each for 15c., or 3 of each for 35c.

Clematis coccinea, intense rosy scarlet, very fine, 20c. each.

Clematis crispa, fine deep blue, with a white border, and deliciously fragrant in which it differs from most sorts. 20c. each

These two beautiful companions should always be growing near together, and we will send one of each for 30c.

FAIRY LILIES.

Fairy Lily, or Zephyranthes Treatiæ.

The great amaryllis family has given us many rare gems, but none that can surpass, if equal, in delicate beauty, purity and sweetness this fair Florida flower, most happily styled the Fairy Lily. The cut shows the appearance of the flowers, which are about three inches across, of dazzling whiteness, deliciously sweet scented and borne on scapes about one foot in height. The bulbs are about the size of acorns, producing slender, grass-like foliage, and from one to three perfect flowers at a time. As soon as potted many of them will send up blooms *at once*, before they produce any foliage, and many will continue to bloom at intervals throughout the entire season. For Easter decoration they are particularly appropriate and quite unsurpassed. Several should be planted in one pot, in any good soil, regularly watered and given a sunny position. When they evince a disposition to rest, only enough water may be given to keep the soil from going dry. *On no account should they be completely dried off.* Perhaps



FIRE-ON-THE-MOUNTAIN.

NOVELTIES OF DECIDED MERIT.

The plants and seeds included under this head are of the most decided merit, having been thoroughly tested, both here and at the North, so that their culture is no longer experimental. We call attention to our prices for these Novelties, which are lower in many cases than is charged for the most common stock.

Fire-on-the-Mountain.

(*Euphorbia heterophylla.*)

This splendid half-hardy annual, native of Mexico and South Florida, is undoubtedly one of the very finest acquisitions that has been introduced for years, and we predict for it an immense popularity. The plants grow 3 or 4 feet tall, very branching, with very deep green and glossy fiddle-shaped leaves.



WHITE FAIRY LILY

The leaves are at first all green, but about mid-summer flower heads appear at the end of every branch, and the bases of all the leaves surrounding these heads are of the most brilliant vermilion-scarlet, so that the whole plant is a perfect blaze of color entirely unlike anything else we know of. The effect of a mass, or bed, of these plants is simply indescribable, and the display is kept up until frost. It is also a grand pot plant for house culture, seeds sown in early summer making plants that will continue to bear their showy scarlet and green leaves all winter. South of the latitude of New York the seeds may

be sown in the open ground in May, but farther north it is best to start the seeds early in the house, for the earlier they are started the sooner will the colored leaves appear. After danger of frost is past plant out in beds of good soil. Introduced at the North last year at 25c. per pkt. Our price of seeds, 10c. per pkt. See "Snow-on-the-Mountain," next page.



PINK FAIRY LILY.

ary yellow. They are easily raised, and seed can be sown in the open ground. Plant one or two feet apart. A few will be single and should be pulled up as soon as the flowers show, to give the double ones more show. It is a grand flower which will greatly please all. Per pkt., 10c.

Coontie, or *Zamia Integrifolia*.

It gives us genuine pleasure to be able to offer this strikingly beautiful and interesting Cycad, which is a native of the extreme southern part of this State. It is something between a Palm and a Fern, but is neither, and is of extreme stateliness and beauty. The leaves are pinnate and Palm-like, but

Canna Flaccida.

While flower lovers all over the country have been going wild over *Canna Ehemani* and subsequent introductions, willingly paying \$1 or more for a small root of the same, they little dreamed fair Florida could boast of a native *Canna* with flowers so large and lovely that no *Canna* in cultivation can compare with it in delicate beauty. Its blooms vary from a rich golden yellow to a pale straw color, are over two inches in diameter the narrowest way and five or more inches the widest way. The petals are very delicate, with edges beautifully crimped, the blossoms resembling the Iris flower in shape and appearance more than a *Canna*. The plant is dwarf in height—from two to four feet—but grows vigorously and blooms profusely all summer. It will prove especially valuable as a foreground in groups and beds of tall growing *Cannas*, *Ricinus*, etc. It is grown with the greatest ease and seems content in any soil, but will amply repay liberal treatment. The roots should be wintered in a box of moist earth in the cellar. We feel assured that it will become very popular wherever introduced. Fine roots, which will bloom this season, 15c. each, 2 for 25c.

"The *Canna Flaccida* sent up bloom stalks, but the grasshoppers only left one bud that came out perfect, but it was enough for one to see that, it would be a treasure for any one."—
Mrs. Anne Craft, St. Joseph, Mo.

Marigold, Dahlia-Flowered.

A grand Marigold of the African type, growing 2 or 3 feet high, strong and robust, like a Dahlia, and producing enormous double blossoms, in size and shape resembling the finest Dahlias. The blossoms will average 10 inches in circumference, and are of various colors, from orange to fine car-

coiled in the bud like Ferns. The beautiful and interesting flower head is like a pine-cone in shape, appearing as if stamped out of rich maroon velvet.

When the seed-head is ripe it bursts and exhibits its glossy rich yellow seeds, which change to red and are about the size of acorns. The root is not unlike a sweet potato or brown beet and admits of translocation and dry shipment, reviving upon being potted. It makes a most beautiful pot plant, strongly resembling the high-priced Sago Palm (*Cycas revoluta*). In Europe the Coontie is so rare and highly prized as to be catalogued at from \$10 to \$15 each. Price 25c. each. Extra fine roots, 35c.



ZAMIA OR. COONTIE.

clusters like other sorts, run up into spikes, usually 3 or 4 inches long. Third, it is very sweet scented. We have probably said enough to make every one want it, but we have yet to say that the flower is pure white, that the plant is short jointed and dwarf, not covering nearly as much ground as other sorts, and it is a perfect mass of bloom all summer. Also, that it always comes perfectly true from seed. Let every one possess themselves of it. Per pkt., 15c.

Snow-on-the-Mountain.

(*Euphorbia Variegata*.)

This plant is not new, but it is very desirable and is not as frequently seen in cultivation as it should be. It produces large heads of green leaves bordered with fine white, presenting a striking and beautiful appearance. Grows from 18 inches to 2 feet tall. Price 10c. per pkt.

A most beautiful and striking effect can be produced by planting a bed of Fire-on-the-Mountain which grows from 3 to 4 feet tall, and edging it with Snow-on-the-Mountain which grows only 18 inches to 2 feet tall. For this purpose we will send one pkt. of each for 15c.

Datura, Sweet Nightingale.

A grand evening flower, opening at sunset and lasting until noon the next day. Flowers, pure white, 9 inches long, and 5 or 6 inches wide at the top. Its delicious fragrance fills the evening air and can be detected a long distance. It is a free bloomer, producing one or more flowers every evening all summer. Seed can be sown in the ground or started in pots. Per pkt., 10c.

Phacelia Campanularia.

A lovely annual, which when sown in the ground May 1st, will begin blooming the 1st of June, and continue all summer in great profusion. The blossoms are of a most lovely shade of blue, cup-shaped, erect. Plants commence blooming when only a few inches high, and continue to increase in numbers as the plant grows on, branching and attaining a height of 15 inches. It will please all who see it. Per pkt., 10c.



SNOW-ON-THE-MOUNTAIN.

Marigold Pygmae.

Plants commence to bloom very soon after they are above ground, and when only 2 or 3 inches high, and gradually spread out and grow a little taller till they reach the height of 9 or 10 inches, and are one unbroken solid row of flowers and foliage. They are completely covered with bloom all the

time, and for borders and bedding they are superb. The flowers are light velvety brown, petals beautifully bordered with bright yellow. It is a valuable novelty. Per pkt., 5c.

Evening Primrose.

(*Oenothera Sinuata*.)

The Evening Primroses are a very beautiful class of annuals, but none of them more so than this charming Florida species. It grows much taller than the other varieties, which will make it invaluable



EVENING PRIMROSE.

for the centres of beds of night-blooming flowers. Its flowers are a rich golden yellow, and very sweet, opening about 4 p. m. and remaining open until late the next day. Plants very branching and flowers produced in the greatest profusion. Seeds 5c. per pkt.

Poppies.

Between the Poppies of to-day and those of our grandmothers there is a vast difference, they having been brought up to such a standard of perfection as to be hardly recognized. The four grand varieties here offered are of the dwarf Carnation-flowered type, and bloom two weeks earlier than Snow-drift or any other double Poppy. They are dwarf, compact growers, standing well up and producing flowers of enormous size and beautiful shape, perfectly double, with remarkably pure colors.

Angel of Horn, pure milk white; elegant. Per pkt., 10c.

Angel of Noonday, cherry red; very bright. Per pkt., 10c.

Angel of Evening, bright rose; lovely pure color. Per pkt., 10c.

Angel of Midnight, black, a novel and beautiful color; plant grows a little taller and blooms a little later than the other three. Per pkt., 10c.

Special Offer.—That all can afford to plant these elegant Poppies we will send one paper each of the four sorts for 20c.

Vegetable Sponge or Poor Man's Dish Rag.

(*Luffa acutangula*.)

In this wonderful plant we believe we are offering our patrons one of the most unique and remarkable novelties ever introduced to flower-lovers. Who ever dreamed of planting seeds and harvesting a crop of dish cloths? The idea seems ludicrous, but it is as easy and as certain as a crop of cucumbers. The plant is a beautiful vine, of very rapid growth, producing large leaves, from five to seven angled, and golden yellow flowers, about the size of a silver dollar, borne in such profusion as to completely cover the plant. For summer houses, covering old fences, unsightly objects, or anywhere that a quick and dense shade is desired it is unsurpassed. But its greatest wonder and usefulness lies in its fruits.

which are freely produced and vary in size from a large cucumber up to two and three feet in length and eight to ten inches in circumference. When ripe the skin easily peels off, revealing the inside, a beautiful net-work of interwoven fibers, a veritable vegetable sponge, and for scouring purposes rivaling the famous "iron dish-cloths." Large quantities of them are imported from the tropics and offered for sale in the drug stores, under the name of Loofah, being considered an indispensable adjunct to every well regulated bath room. But their usefulness does not end here; they make most excellent holders to use about the stove, mats on which to set hot utensils, fancy brush broom holders and work baskets, holders for dried grasses and everlasting, slipper cases, card receivers, excellent and serviceable flesh brushes, inner soles, and a legion of other decorative and useful articles, the number being limited only by the ingenuity of the operator. Even bonnets and hats are made from them. In the West Indies a small basket was made and sent to the Queen as a Jubilee present, and was shown in St. James Palace. Those versed in the mysteries of "fancy work" and "decorative art" can fashion from them a marvelous array of holiday gifts. By the use of bleaching and fancy dyes we cannot conceive where their utility would end. Fresh seed, of our own raising, 5c. per pkt.

Balsam Preferred.

A lovely new Balsam with flowers very large, double and perfect, white tinted with delicate lavender. This tint is so delicate and shadow-like that it looks as though it was reflected on the flower from something else. The plant is of stout growth, with only a few branches, and the leaves are so

small and few that the blossoms show to great advantage. The stems being at all times crowded with flowers, they are really like immense spikes of bloom. Seeds 5c. per pkt.

Ipomœas.

This class of beautiful and useful climbers is closely related to the Morning Glory, but much more beautiful and superior in every way. Some are annuals, growing from the seed each season, while others are perennials and may be grown from cuttings,

Ipomœa gracilis or *New Star Ipomœa*.

—The cut of this little jewel is no exaggeration whatever. The flowers are nearly an inch across, of a bright crimson-scarlet color with a large orange-colored star in the centre, and remain open all day. They are borne on long, forked racemes which stand well out from the foliage, and in such profusion as to entirely cover the vine, appearing almost as if a red blanket were thrown over it. The vines branch and climb to a height of 15 or



BALSAM PREFERRED.

20 feet, covering a large space, beginning to bloom in June and continuing until frost. For forming screens, covering trellises, arbors, fences, etc., it beats anything we have ever seen. Introduced at the North last year at 25c. per pkt. Our price of seeds 10c. per pkt. See cut next page.

Ipomœa sinuata, or *Noon Glory*.—It is impossible for pen to describe the grace and beauty of this vine and its foliage. The vines are slender and exceedingly graceful, covered their entire length with leaves which are as exquisite as lace-work. They are deeply cleft all around, much like the Skeleton-leaved Geranium but more beautiful, and with the stems and branches completely covered with fine hairs. "It reminds me constantly of a lace scarf thrown over a lady's shoulders" writes a gentleman who has a wood-pile and shed completely covered with it. It is covered with small, bell-shaped flowers, pure white, with a purple throat, which remain open all day. It can be grown from the seed each season, or the plant wintered over becoming more and more beautiful with age. The seed is most besoken until they swell, and it would be best to start the plants early in the house. Seeds 5c. per pkt.

Ipomœa pandurata.—*Hardy, Tuberos-rooted Ipomœa*. When we introduced this magnificent tuberos-rooted Ipomœa last year we had no idea that it was perfectly hardy at the North. But we have learned that it stands the winters of Massachusetts and Wisconsin without protection, so it is safe to say it is perfectly hardy all over the United States. Soon after receiving our catalogue the editor of the *American Garden* wrote in that monthly: "Ipomœa pandurata * * is now coming in for a proper share of attention. It ought to because it is a grand climber, knowing no limit to its growth, an old, well established plant will cover the side of a house, making it white with bloom

in the early morning. Give it a moist soil and partial shade." Its growth is very neat and graceful; leaves heart-shape, flowers very large, pure satiny-white, with a pinkish-purple throat shading off deeper in the tube. Many flowers are produced on the same peduncle, greatly prolonging its season of bloom. Price of strong flowering tubers 15c. each, 3 for 40c. Extra large tubers 25c. each, 3 for 60c.

Ipomœa Michauxii, or *Moonflower Blushing Beauty*.—A Florida tuberous-rooted Ipomœa of the greatest beauty, which must become very popular as a companion for the white Moonflower. Its flowers are of exactly the same shape but in color the most exquisite shade of blush, shading off into deep purple in the throat. The flowers, which are borne in the greatest profusion, open just before sunset, and the effect is as if the sun has cast a most beautiful roseate hue over them. The vine is a most rampant grower, especially after the first year; its leaves large and very curiously wrinkled



IPOMŒA GRACILIS.

or crimped. Seeds covered with a beautiful gray silky down, and germinate very easily. They are best started early in the house, and the tubers must be wintered in the cellar in a box of soil. Seeds 5c. per pkt.

Echites Andrewssi.

A most beautiful climber native of the Keys of extreme South Florida. Leaves rich, glossy green, wax-like. Flowers richest golden yellow, resembling the closely related. Allamanda, only smaller. Very rare. Price 50c. each.

Ficus Aurea.

The native RUBBER TREE or WILD FIG of South Florida. Almost equals in beauty the famous *Ficus elastica*; it is of very rapid growth and a most beautiful pot plant for decorative work, in contrast with Palms, etc. Price 30c. each.

MISCELLANEOUS PLANTS.

Yucca Filamentosa—See cut on the fourth page of catalogue cover, which is so perfect in every detail that it leaves little to be said in the way of description. Probably there is not such another tropical looking plant that is perfectly hardy *everywhere*. For cemetery decorations it is unsurpassed, and can be used in barren, rocky places with splendid effect. Although it thrives in the poorest soil it does not object to any soil, providing it is not wet. From the edges of the rich *ever-green* leaves depend long filaments, and from the centre of the plant springs a tall flower spike surmounted by panicles, sometimes two feet in length, consisting of *hundreds* of creamy-white, bell-shaped flowers. The effect of such a plant on a well kept lawn is most striking. Fine roots 15c. each, 3 for 30c. Large roots 25c. each, 3 for 60c.

"I am glad Mr. Pike speaks so highly of the *Yucca Filamentosa*, as I find it is a desirable addition to our gardens in this State (Maine,) being as near iron-clad as anything within my knowledge. It stood the severe winter of '87-'88 with slight protection, coming out fresh and green in the spring."
—Sarah P. E. Hawthorne, in Transcript Monthly, August, 1888.

Amomum Cardamomum.

The true **CARDAMOM PLANT** producing the cardamom seed of commerce. A beautiful pot plant producing *Canna*-like and very aromatic foliage. Prefers a moist soil and half shade. Does finely during the summer on the north side of the house. Fine roots 25c. each.

Gossypium or Cotton.

The true **COTTON PLANT** of the South. It is not only interesting, but it is a beautiful plant when covered with its *Hibiscus*-like flowers, which are a very light lemon, almost white, at first, changing to a dull purplish red, followed by pods which burst into large balls of pure white cotton, which are beautiful for mixing into bouquets of dried grasses, etc. Seeds 10c. per pkt.

Hedychium Coronarium, or Butterfly Lily.

A magnificent plant flourishing best in moist soil and half shade. If given a large pot or tub it will form a dense clump 3 or 4 feet high, and be covered almost continually with a mass of the most fragrant, pure white flowers, looking almost like large white butterflies hovering over the plant. The flowers are in large clusters and terminal on every stalk. Both plants and roots are *Canna*-like and can be bedded out in the summer and wintered in the cellar. Roots 25c. each.

Jasminum, or Jessamines.

This class of Jessamines are noted for the combined beauty and fragrance of all its varieties. They are great favorites and among the best perfumery plants.

Jasminum humite—*Italian Yellow Jessamine*. A low growing bushy sort, with yellow flowers. Very hardy. Price 35c. each.

Jasminum Sambac—*Arabian Jessamine*. The most deliciously fragrant of all. Flowers, single, white and borne in cymes. Plant climbing and blooming all the year round. Price 25c. each.

Jasminum Grand Duke—A shrubby variety with very large and *very* double, white flowers having a powerful fragrance. Price 30c. each.

Maranta Arundinacea.

The true **ARROW ROOT** from which the arrowroot of commerce is obtained. Not only a very interesting plant but a beautiful foliage plant, producing pretty, small, white flowers. Very effective growing among Palms, etc. Tubers 15c. each.

Zingiber Officinalis.

The true **GINGER PLANT**. From the roots of this interesting plant is prepared the Jamaica Ginger and the ordinary ginger of commerce. It is a very neat foliage plant. Roots 20c. each.

Do not fail to add 10c. to your order and have it packed in a liberal quantity of Spanish Moss. Not only is it beautiful for decorative work, but plants carry much better packed in it.

CHILDREN'S COLLECTION.



NEARLY all children are passionately fond of flowers and nothing can give them greater or purer joy than to have a little spot, to call their own, where they can sow seeds and watch their development up to perfect flowers. How often does our mind travel back to the garden of our childhood among the hills of bleak New England, and in reliving those by-gone days there comes to us a great desire to encourage the love of flowers in all the children far and near, and for this purpose we have made up the following collection of seeds, of sorts the most easy and certain to grow, and producing beautiful flowers.

Asters—A great variety of forms, sizes and colors, from selected stock grown by European specialists.

Balsam—A great variety of the most magnificent double flowering varieties.

Calliopsis or Coreopsis, all kinds and colors mixed, forming beds of the greatest brilliancy

Celosia or Cockscomb, mixed sorts producing "combs" of great size and beauty

Godetia—Mixed sorts. Presenting a brilliant mass of colors of great beauty.

Gourds, mixed sorts. Very strong growing vines, some of them producing beautiful flowers, and gourds of many and wonderful shapes.

Ipomœa, mixed sorts. Beautiful climbers closely related to the "Morning Glories" but much more beautiful both in foliage and flower. The seeds we send will produce a great variety of sizes, shapes and colors.

Mignonette, mixed sorts. Of exquisite fragrance and invaluable for bouquets.

Nasturtium, a great variety of colors mixed. No garden is complete without them, as they bloom constantly through rain and drouth.

Pansy, fancy mixed; from a strain which for rich and varied colors cannot be surpassed.

Petunia, the choicest mixed varieties, many of them producing flowers twice the size of the ordinary Petunia, the colors ranging through innumerable shades and markings, while some of the flowers will be beautifully fringed.

Phlox Drummondii, a great variety mixed, which will produce beds of the most dazzling colors.

Poppy, both double and single, and of all sizes, forms and colors imaginable. They will delight everybody.

Portulacca, double and all colors mixed. No matter how severe the drouth, and fierce the sunshine, these charming plants will be a mass of bloom constantly.

Zinnia, all colors mixed. Fine sorts which will make a most brilliant show until killed by frost.

We will send the above collection of 15 packets of seed to any boy or girl for only 30c. And to encourage them to form clubs among their play-mates, we will make the following offer: To any boy or girl sending us an order for three collections, and 90c. to pay for the same, we will send a packet each of the two magnificent annuals, FIRE-ON-THE-MOUNTAIN and SNOW-ON-THE-MOUNTAIN. Or for an order for five collections, and \$1.50 to pay for the same, we will send the two pkts. of seed and a fine root of the beautiful Coontie, or *Zamia integrifolia*. And for an order for ten collections, and \$3.00 to pay for the same, we will send the two pkts. of seed, the Coontie and any plant in our catalogue priced at 30c., or under.

We will send single packets of the above collection at 5c. per pkt.

PIKE & ELLSWORTH,

JESSAMINE, PASCO CO., FLA.

[AGRICULTURIST PRINT, DELAND, FLA.]

Unsolicited Testimonials.

- San Francisco, Cal.:* Received plants to-day in good condition. Thanks for seed.—MRS. A. DODD.
- Elmira, N. Y.:* The plants arrived safely and in good order. Thanks for the extras. The moss is beautiful; shall share it with some of my friends and recommend your house.—MRS. J. W. MOREHOUSE.
- Providence, R. I.:* The plants which you sent me have arrived, and I hasten to correct previous postal card. I am greatly pleased with the Palms and Coontie. Have you other Palms?—W. N. MUNROE.
- New Burlington, Ohio:* The plants you sent to replace the ones that did not grow arrived promptly. Very many thanks for your kindness, also for the moss they were packed in. It is quite a curiosity here.—ANN FARQUAR.
- Santa Barbara, Cal.:* The plants you sent me arrived in the nicest condition of any I ever received. Your packing is just splendid.—MRS. M. M. CHILD. *Later:* The Ferns, etc., you sent came in very fine condition, and you are welcome to use my assurance to the public that I never saw such good packing and good honest plants. No little sickly, half dead ones.—MRS. M. M. CHILD.
- Grinnell, Iowa:* The plants were received yesterday in excellent condition. I never had plants come nicer, and I thank you very much for them.—MRS. R. M. KELLOG.
- Treasury Department, Washington, D. C.:* The box with Crinum came to hand in good condition yesterday, and I am much pleased with them. They are certainly the largest bulbs I ever saw. Thanks for the extras.—A. F. BROOKS.
- St. Johns, Mich.:* I received the package of plants and bulbs all right, and in good condition. They are doing splendidly. Many thanks for the seeds.—MRS. S. A. ESTES.
- Jamestown, N. Y.:* The plants which you sent me in April came in very nice order and were perfectly satisfactory, and I was very thankful for all the extras you so generously sent. I shall speak a good word for you here I assure you.—MRS. Z. G. KEELER.
- Eastville, Va.:* The package containing the Magnollas was received exactly two weeks ago. The little trees were quite moist and in good condition on arrival, and at present all look likely to live, and two have put forth tiny leaf buds. You have certainly reduced the packing of plants for transmission through the mails to a science.—MRS. WM. U. NOTTINGHAM.
- Franklin, Mass.:* Upon my return home the latter part of last week I found the box of plants awaiting my arrival. Everything came safely, and looks fresh and nice. * * * The *Crinum pedunculatum* has a large bud just bursting open, and I hope soon to see the exquisite bloom your letter describes. Please accept many thanks for plants included as "gratis." Shall think very highly of them.—MRS. HOWARD J. FOLGER.
- Cardiz, Ohio:* The plants and bulbs ordered of you have just been delivered by the express man. They were so well packed they come in fine order, and we want to thank you for the extras. They are all so nice we wish we had sent a larger order. We did not know however that you had lots of nice things not down in your catalogue.—SARAH MCFARLAND.
- Jaffrey, N. H.:* Many thanks for your letter and the grand bulb of *Crinum Kirkii*. I am pleased with it and no doubt but that you will hear from me next spring in better season.—JOEL H. POOLE.
- St. Joseph, Mo.:* Your letter and box of plants came at the same time. I spent yesterday morning in potting them. You meant to scare me did you not with the size of the bulbs? I never saw such immense bulbs as those of *Crinum Kirkii* and *C. pedunculatum*; and I will have to have a tall box made to accommodate the root of the "Cherokee Bean" (*Erythrina*).—MRS ANNIE CRAFT.
- Chicago, Ill.:* Goods shipped by express arrived to-day, in splendid condition in spite of 5 degrees below zero this morning. I find size and quality far better than expected, and I will recommend you to my friends whenever I have a chance.—ADOLPH SCHOENINGER.
- Pine Ridge, Dak., April 22nd:* The plants came to-day in splendid condition. Your packing is perfection. I think you could give some of these Northern florists some lessons in packing which would be of great advantage to their customers. I am more than pleased with all of the plants, they are so large. The large *Crinum Kirkii* is grand, the flowers must be about as large as ones sent, to judge from the bulb. Thank you very much for the extras.—EDGAR M. KEITH.
- August 1st:* The plants I procured of you in the spring have turned out splendidly. I never saw any better seeds than those you sent me. I hope I can get seeds of you next spring.—EDGAR M. KEITH.
- August 27th:* The plants came safely last Saturday and were in perfect order. I could have almost wrung water out of the moss, they were so well packed. I will reiterate what I have already said, and that is: I think your packing is far ahead of any other firm's that I know of, and I have dealt with a number of well known firms; and your seeds cannot be excelled. You are at perfect liberty to use my testimonial.—EDGAR M. KEITH.
- Cambridgeport, Mass.:* The plants arrived early last week, and were in first-class condition. I was rather surprised, as they had such a long distance to come. It was my first experience in having goods come direct from the South, and I consider it a decided success. Plants all fine looking specimens. I like the look of the Arrow Root (Coontie); a queer looking plant. Thanks for extras, also for your kind letter as to Crinum.—EDWARD A. WILLARD.



YUCCA FILAMENTOSA

See description in Catalogus.