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DROUGHT RESISTANT PLANTS

*"From over the world
to the world over"*



KNICKERBOCKER

CACTI and SUCCULENT GARDENS

P. O. ROUTE 1
SAN DIEGO, CALIF.

6065 BACH AVENUE
MARKET ST. EXT.

TELEPHONE M. 0406

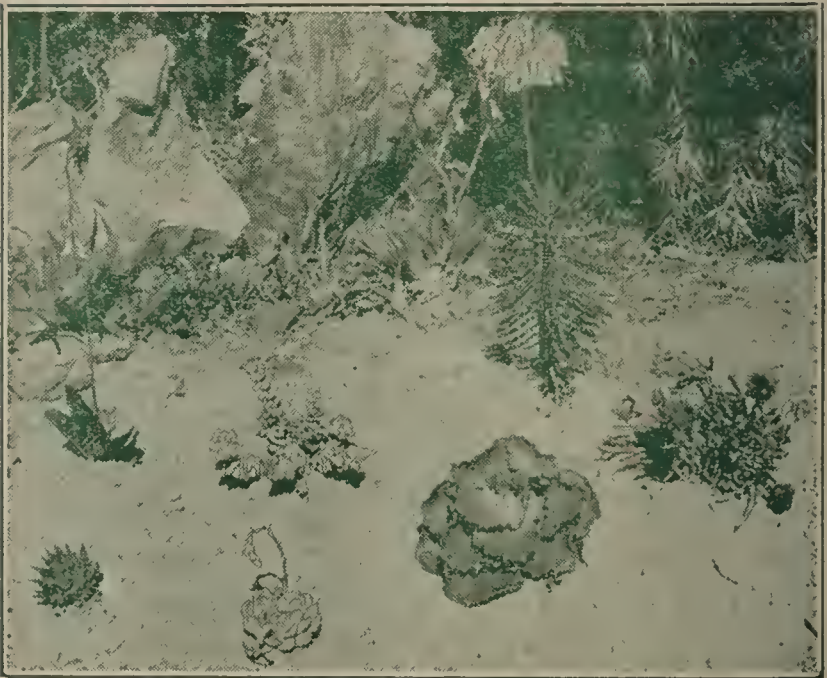


RETURN POSTAGE
GUARANTEED BY ADDRESSE

*Wm. H. Croft & Associates
Bureau of Plant Industry
Washington
D.C.*



Upper row, left to right: *Cereus peruvianus*, *Opuntia monacantha variegata*, *Opuntia bigelovi*; lower row: *Echinocactus gusoni*, *Neomammillaria geminispina*, *Ferocactus acanthodes*, *Astrophytum ornatum*.



Upper row, left to right: *Gasteria* (typical), *Crasula monticola*, *Kalanchoe tubaflora*; lower row: *Haworthia margaretifera* var. *granata*, *Echeveria elegans*, *Echeveria crenulata*, *Cephalophyllum alstoni*.

FOREWORD

Prices F.O.B., San Diego, Calif. Where the dealer pays the postage there is, of necessity, the consideration that the size of the plant must be kept down. It is my wish to avoid this. If you pay the postage I can send you larger and more beautiful specimens, and give you the full value you would receive were you to call in person to select your plants.

Cuts courtesy of Cactus and Succulent Journal of America.

CULTURAL DIRECTIONS

Ideal Soil Mixture

Mix 1 part sand, 1 part garden soil, 1 part leaf mould, 1 part well rotted manure and screen. To this mixture add 1 tablespoon of air slaked lime and 1 tablespoon of powdered charcoal to a 5-in. pot. The lime should not be used with Epiphylla and related genera.

Cacti

Globular forms require a small amount of moisture if grown in pots. It is well to have very coarse sand, gravel or broken stones directly under the plant.

Columnar forms may be planted directly in the soil mixture.

A half cup of water to a 5-in. pot each week is sufficient during the growing season for the larger cacti. During the cold or dormant season it is well to water very sparingly. Epiphylla, either in pots or in the ground, require shade and plenty of moisture. Cactus plants in the ground do best if kept slightly damp during the growing season.

Succulents

Succulents, generally speaking, will stand more water than Cacti and a richer, heavier soil. My plants are field grown and very sturdy. They are not at all like the tender plants grown under glass and can be grown out of doors anywhere in the United States during the frostless season if given good drainage so that the base of the plant is not kept unduly wet.

Fertilizer

The ideal plant food is "Pokon." Weak manure water, given at two week intervals during the growing season only, gives good results.

One thing to remember is, that in the limited root space of a pot or bowl, a plant never reaches its maximum size and many plants in one bowl will remain small.

Succulent Pictures

To anyone interested I shall loan colored illustrations of Succulents to be returned after one week.



ASTROPHYTUM MYRIOSTIGMA

"The Bishop's Cap"

Showing typical shape of Astrophytum

KNICKERBOCKER NURSERY AND CACTUS GARDEN

NEFF K. BAKKERS, Proprietor

6065 Bach Avenue (Market St. Extension)
P. O. Route 1, San Diego, California

1935 CATALOG

Prices subject to change for the following reasons:

Small ones becoming large increase in price.

Those of ready propagation becoming numerous
decrease in price.

AGAVE

The century plant

Suitable for hillsides and large plantings along with Aloes.
A few varieties are small and lovely for urns and smaller pots.



AGAVE SHAWI

Typical of the form of all agaves

- | | |
|--|---------------|
| A. albicans. Mexico. 3 ft..... | 75c |
| A. americana. Blue grey. Marked like moire silk. In maturity leaves are 6 to 8 ft. long. Mexico..... | 10c to 25c |
| var. medio picta. Central yellow band..... | 25c |
| var. variegata. Variously lined..... | 25c |
| A. attenuata. Soft green rosettes, unarmed, 4 to 5 ft. tall. Mexico..... | 25c to 50c |
| A. decipiens. Yucatan. Beautiful stately dark green; curved stiff leaves. Suckers should be kept off. 6 to 8 feet tall mature..... | 10c to 25c |
| A. deserti. Gray-blue with nice markings..... | 15c |
| A. ferdinand-regis. Mexico. Very rare. One of the small beautiful varieties similar to victoria-regina but differing in fewer leaves and more open rosettes and a triple instead of a single terminal spine..... | 50c |
| A. ferox. Mexico. One of the loveliest with waxy concave outcurved dark green leaves. 12 to 48 in. long..... | 25c to \$1.00 |

- A. *filifera*. Mexico. With white hairs or threads and very slender leaves 25c
- A. *ghiesbreghtii*. Small grower, suitable for pots 35c
- A. *imperialis*. Common garden name. Very blue and smooth and suited to large urns. A very fine variety 25c to \$2.50
- A. *lophantha*.
var. *unvittata*. Mexico. With a pale central band. Unusual looking and never gets large 50c
- A. *mitraeformis* 50c
- A. *parviflora*. Arizona. A beautiful pot plant. Small flat rosette with white hairs and lines 35c
- A. *perplexans*. (*hartmanni*). Larger than the foregoing but very similar 25c
- A. *tequilana*. Mexico. Closely related to *decipiens*. Used for making the fermented drink, tequila, in Mexico 50c
- A. *victoria-regina*. A perfect plant like a piece of carving. Globose; incurved, heavy leaves 8 in. long mature. Marbled with white. Small ones only 25c

Allied Plants

- Dasyliirion serratifolia*. Green, narrow, graceful, prickly leaves. S. E. Mexico 50c
- D. *wheeleri*. The thread and needle plant of the Indians. Graceful grey-blue leaves with terminal threads. Native of Arizona 50c
- Manfreda brachystachys*. Mexico 50c
- M. *variegata*. Small, spotted desert rosette 25c
var. *gigantea*. Mexico. Large, purple dots 50c

ALOE

Choice one each of any 5 marked with asterisk for \$1.00 postpaid. If you care to pay the postage larger plants will be sent in all collection offers.

Foreword: For canyon hillsides and larger plantings, nothing can exceed the larger Agaves and Aloes, the latter making a blaze of color when in bloom. There are Agaves and Aloes to suit every taste and every requirement. Sizes range in both classes from a tea-cup to a garage. Colors of blossoms range from pale yellow or green to orange and brilliant scarlet.



ALOE VARIEGATA

A type picture of a large group of beautifully marked plants

- A. *abyssinica*. One of the very largest of Aloes 50c
- A. *arborescens*. The Torch or the Red Hot Poker. Forms clumps of enormous sizes with long spikes of brilliant blooms of orange scarlet 15c

ALOE (continued)

A. aristata. Cape of Good Hope. The rarest of small Aloes. Very beautiful, like a large <i>Haworthia</i> . Closely set white marginal teeth. Slow to offset and never grows large	\$5.00
A. ausana. Similar to <i>A. variegata</i> but decidedly plumper with more obtuse leaves	50c
A. cameroni. A very fine shiny leaved Aloe with beautiful blossoms	50c
A. candelabra. Intensely red blossoms; very large	35c
*A. ciliaris. The climbing Aloe with exquisite green and red Xmas-candle-like blooms	15c to 25c
*A. commutata. Large and beautifully marked	25c
A. distans. Long, procumbent with exquisite corymb of flowers	50c
*A. eru. Unique in form and blooms. Flowers dainty, clustered; suitable for bouquets	25c
A. ferox. One of the best. Seldom has offshoots	\$1.00
*A. grandidentata. Beautifully striped. Young plants look like <i>Gasterias</i> and are suited to bowls	10c to 25c
*A. humilis. Makes lovely clumps. Many toothed, grey-green	15c
*var. brevifolia. Small enough to be put into bowls or small rockeries. Blue-green. Makes big clusters in the open	15c
var. echinata. Smallest of all. Looks more like a <i>Haworthia</i> than an Aloe. Blue, green in color, heavily warted, slow to increase. Good bloomer	75c
A. corniculata.	35c
A. dichotoma. One of the large growing Aloes with yellow blossoms	50c
A. johnsoni	25c
A. lineata. Variegated with yellow stripes	25c
A. longistyla. Sky blue seedlings	25c
*A. mitriformis. Lovely; warted. Each leaf has a central line of protuberances distinguishing it from <i>A. nobilis</i> . blossoms like a dainty parasol	25c to 50c
*A. nobilis. Similar to above but much more prolific and a lighter green	15c to 35c
A. salm-dyckiana. Large, with bold, big spikes of orange red	25c to \$1.00
*A. spinosissima. Beautiful bluish green, long toothed, giving it a feathery look. Contrasting vivid scarlet blooms	25c to 50c
*A. striata. Seedlings only and possibly hybridized. The Coral Aloe said by the South Africa Botanic Gardens to be perhaps the most beautiful of all and very useful in hybridization. Medium sized rosettes with umbrella-like corymb of coral red flowers	25c
var. rhodocinta (handburyiana). Large with purple shadings. Many offshoots	15c to 25c
A. striatula. Resembling <i>A. ciliaris</i> in form. Yellow blossoms	25c
A. tenuior	25c
*A. thraski. Seedlings only. New in U. S. A drooping, different, large growing Aloe	25c
*A. variegata. The most popular and unique. Noted for its variety of common names: "Parrot, Whip-poor-will, Pheasants Breast, Tiger Cactus, etc." Everyone should have one	25c to \$1.50
*A. vera. Lovely pastel grey green with satiny smoothness. Pure yellow blossoms. An aristocrat. Grows large	15c to 25c
A. vera hybrid	15c
A. zebrina. (baumi). Tropical Africa. 3 to 4 ft.	35c

Allied Plants

<i>Hesperaloe rubriflora</i> . Large rosette with hairy leaves. Red flowers on a long stalk. Blooms all summer. Good	50c
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ANACAMPSEROS

A. albissima. Cape of Good Hope.....	65c
A. filamentosa	25c
A. papyracea	65c

BROMELIADS

Billbergiae bear blossoms of unique beauty with startling combinations of color.

B. irida	35c
B. nobilis. Large leaves covered with grey bloom. Large flower	50c
B. nutans. Blossoms vivid green with purple margins rising from a pink sheath.....	25c
B. nutans x pallida. Lovely leaves of shining brown with gold dots. Dyckias are like small pineapple plants with tall racemes of deep yellow plush flowers.	
Dyckia rariflora	15c to 25c
D. sulphurea	15c to 25c
Guzmania lingulata var. cardinalis. Like a pineapple plant with brownish green leaves turning a vivid red when ready to bloom. It bears a cluster of orchid waxen blossoms on a thick red stalk. Grows in the open to be 3 ft. across. "Sunset plant".....	25c
E. pittieri. Similar to venezuelensis.....	25c

COTYLEDON

Choice of 1 each of any 5 marked with asterisk. \$1.00 postpaid.

*C. barbeyi. Grey, powdery, beautiful. Africa.....	15c
*C. decussata. Red margins and fine shape.....	25c
var. gilpini. With occasional mitten shaped leaves.....	25c
*C. mucronata. Also known as undulata and coronata. Africa. The loveliest of all. Thick, opalescent, downy leaves with deeply crenulated edges. Reduced from \$2.50	50c
C. orbiculata. Similar to barbeyi but coarse and big beside it bearing, like all of the Cotyledons, a drooping cluster of lovely blooms.....	15c
var. macrantha. Green with red edges. Wonderful red blooms at Xmas time. A true Xmas plant	25c
*C. oviferra. Flat, bluish, grey leaves, compact. A neat plant	35c
C. papillosa. Green narrow leaves	25c
C. parvifolia. Perfectly cylindrical leaves of powdery white	25c
*C. teretifolia. Green downy leaves nearly cylindrical. Bright red flowers.....	25c
C. wickensi. Green, narrow leaves	15c
C. witchmanni. Red purple leaves.....	25c
C. wrighti. Bluish grey.....	25c

Allied Plants

*Andromischus clavifolius (vanderheydeni). Africa. Forms dense clusters of thick, olive green, distinctly spotted leaves	15c to 25c
*A. crispatus. Green, downy, crenulate leaves in a pleasing rosette	25c
A. maculatus. A real gem for a pot plant. Purple mottled on a green ground. Not common. Small plant	50c

CRASSULA

C. arborescens. Requires shade. Dull grey with purple margins. Slow propagator. Matte finish.....	25c
C. archeri. (pyramidalis). Not like any other plant. A little 4-sided tower of tightly packed leaves. Very interesting	50c
C. canescens	50c
C. collinberi. Leaves pointed, thick; in rosettes that turn beautifully red in the sun and bear a spike of pretty pink posies.....	15c to 25c
C. columnaris. Like a lover's knot	35c

CRASSULA (continued)

<i>C. cooperi</i> . Dainty, small with delicate pink blooms.....	15c
<i>C. corallina</i>	10c
<i>C. cordata</i> . Small leaves; a vine well suited to hanging baskets; fairy-like pink blooms.....	10c
<i>C. decipiens</i> . Rare. Thick, embossed, leather like leaves of dull blue.....	50c
<i>C. dregeana</i> . Flowers identical to <i>C. falcata</i> , but crimson rather than scarlet. Leaves downy and blue grey.....	15c
<i>C. elata</i> . A good plant for hanging baskets and to plant in rocks. Pyramidal growth, but drooping	15c
<i>C. falcata</i> . One of the best. Blue grey matte surface; unique in shape. Brilliant orange-scarlet clusters of flowers	25c up
<i>C. hemispherica</i> . Pretty, downy rosette.....	35c
<i>C. lactea</i> . Requires shade. White blossoms.....	15c
<i>C. lycopodiodes</i> . Common. Kept boxed and trimmed makes a fine border.....	10c
<i>C. marginata</i> . Procumbent, shining	15c
<i>C. monticola</i> . Similar to <i>perforata</i> . Pink blossoms	25c
<i>C. multicava</i> . Good for hanging baskets but too prolific for a garden.....	10c
<i>C. namaquensis</i> . The true one with thick powdery leaves.....	35c
<i>C. obvallata</i> . Rosette of basal leaves, elongated stalk of flowers	25c
<i>C. pachyphylla</i> . Heavily leaved. Dark blue green	35c
<i>C. peglerae</i> . Pyramidal bushy plant. Similar to <i>elata</i> but upright.....	25c
<i>C. perforata</i> . (<i>perfossa</i>). Buttons on a string or Chinese money. Desirable for bowls. Unique.....	15c to 25c
<i>C. portulacae</i> . Commonly called <i>arborescens</i> . Suitable for narrow parkings. Shining thick bronzed leaves. Pink blossoms.....	15c to 50c
<i>C. pseudolycopodiodes</i> . Dark green. Suitable for bowls because of graceful angles.....	25c
<i>C. pulvinata</i> . Powdery gray leaves. A fine figure of a plant	35c
<i>C. reversetosa</i> . A delicate, downy, little plant turning red in winter. Very good.....	15c
<i>C. rhomboidea</i> . Flat topped with silver grey leaves.	
<i>C. rosularis</i> . Flat rosette. Similar in design to <i>Aeonium tabulaeforme</i> but with shiny leaves.....	35c
<i>C. sarmentosa</i> . Shiny green leaves. Pendant. Good for hanging baskets.....	15c
<i>C. schmidtii</i> . (<i>imprensa</i> , <i>rubicunda</i>). Blooms all summer, a dainty little thing for rockeries. Deep rose colored clusters of tiny flowers. Charming.....	15c to 25c
<i>C. spathulata</i> . Partly creeping with delicate flowers; suitable for hanging baskets.....	15c
<i>C. teres</i> . Queer, orchid-pink thumbs of tightly packed leaves. Interesting pot plants for those who like something different. Small.....	50c
<i>C. tetragona</i> . Cuttings in bowls resemble trees. Easily rooted. Brittle.....	10c
<i>C. tomentosa</i> . Similar to <i>C. pulvinata</i> but with hairy edges and narrower leaves.....	35c
<i>C. trachysantha</i> . Small shrub, very tomentose. White blooms	25c

Allied Plants

<i>Rochea coccinea</i> . (<i>rubicunda</i> var. <i>brillianty</i>). Lovely red blooms.....	25c to \$1.00
<i>R. longifolia</i>	75c
<i>R. versicolor</i>	25c

SUCCULENTS

By A. J. VAN LAREN

The most beautifully illustrated succulent book ever made and the only one printed in English. 148 colored life-like pictures. \$5.00 Postpaid. Order from Knickerbocker Nursery.

DUDLEYA

Close Relatives of
ECHEVERIAS and COTYLEDON



DUDLEYA BRITTONI

Typical dudleya shape. Powdery white

- | | |
|--|--------------|
| D. caespitosa. Native of California. Slender grey leaves with purple tips. Clustered..... | 25c |
| D. candicans. Rare, from Coronado Islands. Pure white. Double | 50c |
| D. compacta | 25c |
| D. farinosa. Grey; red brown tips. Powdery. An exquisite pot plant from Carmel, Calif..... | 15c to 25c |
| D. gigantea. Amador Co..... | 50c |
| D. indivisa. Coronado Islands. A green, small, thick-leaved variety..... | 25c |
| D. brittoni (ingens). The lovely, pure, white, powdery Dudleya from Lower California..... | 50c to -1.00 |
| D. lanceolata. Native of S. Calif. Attractive, iridescent leaves and red flowers..... | 25c |
| D. pulverulenta. Grows large and is very powdery..... | 25c |
| D. purdyi. Oregon..... | 50c |
| D. saxosa | 50c |
| D. setchelli. Santa Clara Co..... | 50c |
| D. sheldoni. Marin Co..... | 50c |
| D. silverado splendens. With beautifully shaped powdery leaves. Uncommon..... | 35c up |

CACTUS AND SUCCULENT JOURNAL

Published monthly by the Cactus and Succulent Society of America. Of interest to amateur and scientist. \$3.00 per year includes membership to Society and the reprint of "The Cactaceae" by Drs. Britton and Rose. 6162 N. Figueroa St., Los Angeles, Calif.

ECHEVERIA

One each of any 10 marked with asterisk \$1 postpaid
Large ones if you pay the postage



ECHEVERIA HYBRID

- | | |
|---|---------------|
| *E. amoena. Small with red flowers and purplish leaves | 15c |
| E. australis | 35c |
| *E. carnicolor. Delicate long, narrow leaves. Small flat type. Rare | 25c |
| E. corderoyeni. Very thick, yellowish-green leaves thought formerly to be <i>Urbinia agavoides</i> | 25c |
| E. crenulata. (<i>rosea-grandis</i>). One of the largest and most beautiful. Curving leaves with bright red margins. Grows very large | 35c to \$2.00 |
| E. crispera | 15c |
| E. derenbergi. Pale green with thick leaves | 35c |
| E. desmetiana. (<i>peacockki</i>). Grey blue, powdery, like a piece of carving. Red tipped, beautiful | 15c to 25c |
| *E. expatria. Very green, flat and small, with horizontal spreading flower stems | 15c |
| *E. elegans. Pale bluish green, translucent as if made of wax with pink waxen blossoms | 15c to 35c |
| *E. funcki. (<i>australis</i>). Flat; grey, green matte-finish rosettes | 15c |
| E. gibbiflora. | |
| * var. <i>flammea</i> . Highly colored with lovely blooms lasting 4 months | 15c to 25c |
| var. <i>true metallica</i> . Very rare. Similar to preceding but more opalescent in color | 50c |

ECHEVERIA (continued)

<i>E. gigantea</i> . Very large with iridescent leaves.....	50c
* <i>E. globosa</i> . Pale bluish, very full of offsets.....	15c
<i>E. goldmanni</i> . Very small, yellowish-green, spreading rosettes	15c
<i>E. gibbiflora grandifolia</i> var <i>viridens</i> . Free bloomer, beautifully colored leaves.....	15c
<i>E. harmsi</i> . (<i>Oliveranthus elegans</i>). Flowers lovely, gold lined, scarlet bells.....	15c to 25c
<i>E. hoveyi</i> . One of the most lovely with long, grey, green leaves and pinkish variegations. Shade loving.....	25c
<i>E. imbricata</i> . (so called). Enormous in size and beautifully colored in iridescent hues. Very waxy leaves	35c to 75c
<i>E. leucotricha</i> . A distinct Echeveria with a remarkable pubescence. Scarlet blossoms. Scarce because slow to propagate.....	50c
* <i>E. linguaefolia</i> . Thick, fleshy, pale leaves. Flowers cream colored. Individual	15c
<i>E. lurida</i> . Beautiful red with iridescent shading	50c
* <i>E. macrophylla</i> . The largest of the Echeverias and very beautifully colored. Grows to 2 ft.	35c
<i>E. maxoni</i> . Similar to <i>E. pittieri</i>	25c
<i>E. mccabeana</i> . Grayish with opal shadings	35c
<i>E. microcalyx</i> . Small, greenish with red tips	15c
* <i>E. multicaulis</i> . A charming little Echeveria. Shining leaves that turn red in the fall.....	25c
<i>E. nivalis</i> . Gray blue with rosy tips.....	35c
<i>E. nobilis</i> . Full sun to bring out its lovely purplish colors. Medium size and very prolific.....	15c to 35c
<i>E. nodulosa</i> . A shrubby plant. Leaves striped with purple. Unlike any of the others	25c
<i>E. nuda</i> . Green with rosy tips	25c
<i>E. orpeti</i> . Very handsome red hybrid	35c
<i>E. palmeri</i> . Very green open rosettes	35c
<i>E. perbella</i> . Green with concave, red tipped leaves.....	25c
<i>E. pittieri</i> . Similar to <i>venezuelensis</i>	25c
<i>E. plicata</i> . Beautiful, pointed, red edged leaves.....	35c
<i>E. pubescens</i> (<i>pringlei</i> , <i>mexicana</i>). Downy; lovely scarlet blooms	15c
<i>E. var. recurvata</i> . (<i>pringlei</i> var. <i>tortuosa</i>). Lovely curling leaves.....	25c
<i>E. pulvinata</i> . (<i>villosa</i>). Very similar to <i>leucotricha</i> but having red bordered leaves	35c to 50c
<i>E. rosea</i> . Somewhat like <i>secunda-glauca</i> with waxy leaves and purple shading.....	15c to 25c
<i>E. rubella</i> . Green with iridescent shades. Very good	25c
<i>E. sanguinea</i> . Very rare with deep red leaves. Likes plenty of heat. Will not grow in the open.....	50c
<i>E. scaphophylla</i> . Heavy, thick, green leaves. Not very common	25c
* <i>E. schiedeckeri</i> . Pearly, blue, green leaves. Grows quite tall	25c
<i>E. secunda-glauca</i> . The common hen and chickens. The true <i>imbricata</i>	10c
<i>E. scopulorum</i> . Green with red edges.....	15c
<i>E. setosa</i> . Dense globular rosette. Green leaves and orange flowers both entirely covered with bristles. A perfect pot plant.....	15c to 25c
* <i>E. simulans</i> . In form like a water lily. Yellow green leaves with red tips. Lovely.....	15c to 25c
<i>E. sprucei</i> . One of the small leaved dainty types	25c
<i>E. stolonifera</i> . Spreading light green.....	15c
<i>E. strictiflora</i> . An uncommon irregularly leaved sort	35c
<i>E. sub-rigida</i> . (<i>stanleyi</i>). Dense mat, bluish green tinged with purple or bright red. Exceedingly fine.....	35c
<i>E. toluensis</i> . Not ready for sale till later.....	50c
<i>E. turgida</i> . Rare. Flat, gray rosette, red tipped	75c
* <i>E. venezuelensis</i> . Tall, shining, green with red flowers	25c
<i>E. viridens</i> . Beautiful color and very tall flower stalk.....	25c to 50c

ECHEVERIA (continued)

E. walpoleiana. Similar to imbricata.....	25c
E. weingarti. Deep green, shining, handsome.....	25c
E. whitei. Opalescent. Sharply pointed leaves.....	35c

Allied Plants

*Byrnesia weinbergi. Pinkish, bluish, opalescent. Very beautiful and easily propagated, hence cheap.....	15c to 25c
Graptopetalum amethystinum. Like most of the ones in this genus, beautifully colored.....	75c
Graptoveria hybrids: interesting and lovely.	
E. amoena x G. orpeti.....	25c
E. gigantea x B. weinbergi.....	25c
E. elegans x B. weinbergi.....	10c
Lenophyllum elongatum.....	15c
L. texanum.....	15c
L. species.....	15c
Pachyphytum brevifolium. Pink hues. Exquisite.....	35c to 50c
Pachyveria clevelandi.....	35c
P. La Rochette.....	35c
P. Mrs. Scannavino.....	25c
P. hybrid. Very lovely when in bloom.....	35c
Urbinia agavoides.....	35c to 50c
U. purpusi. Beautiful and rare.....	\$1.00

EUPHORBIA

Euphorbias are to the African what the Cacti are to the American Desert.

One each of any 5 marked with asterisk, postpaid



EUPHORBIA OBESA

One of the three globular forms

E. aggregata. Small clustered type.....	25c
E. alcornis. Flat deeply cut green leaves. Grows very very tall.....	50c
*E. aphylla. (candella). Native of Texas. Low reeds with pink flowers.....	25c to 35c
E. canariensis. 3 yr. old seedlings.....	50c
E. caput-medusae major. Similar to the following but much larger. Beautiful heads of flowers.....	25c to 50c
E. caput-medusae minor. One of the most interesting pot plants. Many snaky stems from a round central head.....	50c
var. commelini. Cape region.....	50c
var. gorgonis.....	50c
var. inermis.....	50c
*E. cerieformis. Cape region. Many ribbed.....	15c to 50c

EUPHORBIA (continued)

- E. clava*. South Africa. Branching main stem covered with hexagonal tubercles and bearing a rosette of leaves at top..... 35c
- E. coerulescens*. S. Africa 4 to 6-angled bordered with tooth-like spines. Two to three inches thick. 50c to \$3.00
- E. frickiana*. One of the latest of the *Euphorbias* to be identified and one of the smallest. A unique little plant 75c
- E. grandicornis*. S. Africa. Probably the most striking of all the tall growing *Euphorbiae*. Looks more like a Cactus than many of the Cacti..... 50c to \$5.00
- **E. grandidens*. S. Africa. Slender, with many marginal spines on a deeply dentate margin. Makes a shrub of great interest..... 25c to \$5.00
- **E. heptagona*. Cape of Good Hope. Very pretty, branched, pot plant..... 35c
- E. hermentiana (trigona)*. Used by natives of W. Africa as totem poles, for building hedges and poisoning arrows. Marbled, angled, branched..... 50c up
- E. heterophylla*. U. S. to Peru. Annual Poinsettia. Per doz..... 25c
- E. intisy*. Slender, naked branches upon which the Government is experimenting for rubber..... 25c
- **E. lactea*. East Indies. Three angles with marbled, white markings..... 25c



EUPHORBIA CLAVA

EUPHORBIA (continued)

E. lactea cristata. Beautiful pot plants with many curious convolutions, about 7-in. across and 7-in. high.....	\$3.50
*E. mammillaris. Cape region. Called the "Corn Cob," which it resembles.....	15c to 25c
E. mauretanica. A leafy, light green, slender shrub.	15c to 25c
E. meloformis. Cape region. Dark green, globular, with depressed centers. One of the two globular forms looking like a Cactus.....	\$1.00
E. nerifolia. India. Shrubby. Grows to 6 or 7 ft. 8 to 10 in. in diam. Heavily horned stem with large leaves.....	25c up
E. obesa. S. Africa. 3 yr. old seedlings, globular, marked like a piece of gingham and very fascinating.....	\$1.25
E. pilosa. Europe and N. Asia.....	15c
E. psuedocactus. Profusely marbled with white and sharply angled ribs.....	25c up
E. regis-jubea. Teneriffe. Branching shrub with narrow, gray-green leaves.....	15c
E. resinifera. S. W. Morocco. 4-angles, many branches. yielded the Euphorbia Gum of the Ancients.....	50c
E. schimperi.....	15c
E. similis. (natalensis). Natal. Looks like a large Cereus.	Prices on application.
*E. splendens. Madagascar. "Crown of Thorns." A lovely pot plant with red flowers almost continual. Can be twisted and trained into many forms.....	25c to \$2.50
E. squarrosa. 4-angled, very green.....	50c
E. tirucauli. S. Asia.....	15c
*E. xylophyloides. Madagascar. Chubby, interesting, fine. Flat, thick, 1/2 in. wide, leaf-like branches.....	25c

Allied Plants

Jatropha berlandieri. Distinctive plant with an above ground tuber; deeply cut leaves and scarlet flowers. Deciduous in winter.....	50c to \$1.00
Pedilanthus euphorboides. Queer plant with long, green stems surmounted by flowers having the characteristic bird-like involucre which distinguish Pedilanthus from Euphorbia.....	\$1.00
P. grandiflora variegata. Variegated leaves and charming red blossoms.....	50c
P. macrocarpus. The Lower California species. Many stemmed. Red monkshood shaped blooms....	75c
P. tithymaloides. The juice may be used for invisible ink, becoming visible if dipped in gallic acid. Blossoms like little red birds.....	25c
Synadenium granti. African milk bush. Unspined and leafy with pretty red stems.....	25c

GASTERIA

Gasterias are charming two ranked plants. The leaves are green mottled with white.

G. caespitosa.....	35c
G. carinata.....	35c
G. colubrina.....	35c
G. dicta.....	35c
G. disticha.....	35c
G. echinata.....	35c
var. glauca.....	35c
G. glabra.....	35c
G. lauchi.....	35c
G. maculata. Beautifully mottled glaucous variety becoming pink in the sun.....	35c
G. nigricans.....	35c
G. nitens. Similar to maculata but leaves longer and thinner.....	35c
G. obtusifolia.....	35c
G. pulchra. Two ranked, leaves in tiers.....	35c
G. spiralis. Grows to a very great size.....	35c
G. verrucosa. One of the finest. Strictly two ranked. Heavily warted.....	35c
var. intermedia.....	35c
var. latifolia.....	35c
var. scaberrima.....	35c

GASTERALOE

Gasteraloes are hybrids of *Gasterias* and *Aloes* usually marked like the *Gasterias* and formed in rosettes like most of the *Aloes*.

- G. beguini*. Dark green, heavily warted. Looks like a *Haworthia* but larger and very good..... 25c up
G. nowotny. Smooth, mottled, light green, heavy leaves.
 25c up
G. pethamensis. A dark, beautifully mottled plant..... 25c up

HAWORTHIA

One each of any 5 marked with asterisks, postpaid, \$1.00.

Haworthias are all small, clustered plants, the leaves green and windowed or covered with small white dots and are suitable for pots.

- **H. attenuata*. Very warted, tightly cupped leaves. Grows in full sun in Africa on rocky ground..... 35c
H. cassytha 75c
H. chalwini. Similar to *rheinwardti* in growth. Darker green and much rarer..... \$1.00
 **H. coarctata*. Slender and faintly warted; red in sun. Dark green in shade..... 25c
 **H. cymbiformis*. Window Plant. Very light green; Translucent and cespitose..... 10c to 25c
H. fasciata. Very striking with warts in distinct bands. One of the best..... \$1.00
 *var. *caespitosa*. Not so heavily warted as the true *fasciata* but very pretty..... 25c
H. psuedo-rigida 50c
 **H. radula*. Crowded with tiny tubercles on both sides of leaves 35c
H. rheinwardti. A beautifully warted little tower..... 50c
H. rigida. Concave, rather wrinkled leaves. Very erect..... 35c
H. rugosa. Slender, finely warted 35c
H. schmidtii. (Later) 50c
H. semiglabrata. One of the best 50c
H. setata. Small ones only. Very limited supply. White bristles on edge..... 75c
H. skinneri 50c
 **H. tessellata*. Thick, nicely lined leaves. Beautiful shape, dark and glabrous..... 50c
 var. *engleri*. The varieties differ very slightly..... 50c
 var. *parva* 50c
 var. *recurva* 50c
H. translucens 50c
H. turgida. A very smooth flat rosette window plant..... 50c

HOYA

- H. carnosa*. Beautiful pink clusters of blossoms of the texture of plush, like edelweiss, on a dark green, thick leaved vine. Very good house plant. "The Wax Plant." 50c to \$2.00

KALANCHOE AND BRYOPHYLLUM

One each of any 8 marked with asterisk postpaid.

Only a slight difference between the two in the juxtaposition of the filaments and the corolla tubes.

- **K. aliciae*. Downy leaves with lovely red blossoms, 15c to 25c
 **K. blossfeldiana* (*globulifera* var. *coccinea*). Especially good for pot culture. Shining dark leaves, brilliant red clusters of bloom..... 15c to 25c
K. brachyloba 50c
K. crenatum. Scalloped round leaves and red blossoms..... 15c
K. diagrammontianum. A curious plant with deeply serrated mottled leaves, flowers interesting 15c
K. farinosa 50c
 **K. foedtshenkoi*. Violet tinted leaves, very charming flowers, delicate salmon. A very lovely thing. Keep in the sun..... 15c to 25c
 **K. glaucescens*. Large with beautiful blue leaves and interesting flowers..... 15c to 25c
K. kewensis. Ready in September 35c
K. kirki 15c
 **K. marmorata*. Curious, large with large purple spots in great profusion 15c to 25c



KALANCHOE TUBAFLORA

One of a genus of curiously interesting succulents

- K. *orgyalis*. Soft, brown, pubescent leaves..... 35c to \$1.00
- *K. *pinnatum*. (calycium). The common sprouting leaf.
Prolific with long tubular flowers.....10c
- *K. *somaliensis*. Heavy, dentate leaves shaded with deep
rose. A nice plant with pure yellow flowers...15c to 25c
- K. *thyrsoflora*. Looks like an Echeveria. Large gray red
tipped leaves covered with powder. Blossoms creamy
in large stalk. Handsome35c
- *K. *tubifolia*. Very prolific, hence cheap but very queer
and with lovely blooms. A bed of them is a fine sight.
..... 10c to 25c
- K. *uniflora*. Pendant with small leaves35c
- K. *welwitschi*. Beautiful plum colored leaves35c

Allied Plant

- Kitchingia mandrakensis*. Arrow shaped leaves, brown-
ish grey, pubescent. A very unusual and interesting
plant35c up

THE DESERT PLANT LIFE

A worthwhile monthly magazine devoted to Cacti and Succulents.

\$1.50 per year

Address Box 68, Pasadena, Calif.

KLEINIA

One each of any 6 marked with asterisk, \$1.00, postpaid.



KLEINIA ARTICULATA

One of a queer genus of plants from Africa

- K. anteuphorbium. Thick stems; tall 15c
- *K. articulata. A blue candle plant with pretty leaves sprouting from the top 15c
- K. crassissima 25c
- K. fulgens. Bright red flowers on a grey, blue plant..... 50c
- *K. mandralisca. Larger than repens but otherwise similar. Very blue leaves 15c
- *K. nerifolia. Bare, thick stalks with a rosettes of narrow leaves at the top..... 15c up
- *K. radicans. Creeping, with thick, short leaves. Striped with purple; fragrant flowers; good for hanging baskets 15c
- *K. repens. The smallest of the blue, tubular leaved Kleinias 15c
- K. stapeliaformis. One of the best Kleinias. Clear emerald green stems marbled with white. Flower a tuft of bright red on a long stem. Beautiful..... 50c
- K. tomentosa. Rare, pure white \$1.00
- *K. tropeaefolia. A creeping plant with arrow shaped leaves. Attractive 15c

Allied Plant

Notonia pendula. A closely allied plant with red flowers and thick, dark, green stem striped with purple..... 50c

MESEMBRIANTHEMUM

Shrubby and Creeping Types.

- M. aureum. One foot tall. Flowers light orange.
- M. blandum. 2 ft. Flowers 2 to 3 in. Pure white, later turning to rose.
- M. browni. Small leaved, large, spreading. Flowers, size of a dime; burnt orange turning to rose.
- M. caulescens. (deltoides). Grey blue, large 2 ft. shrub. Flowers lavender like New England aster.
- Carpobrotus edule.* Yellow flowers. Large, coarse plant for cliffs or ground cover.

MESEMBRIANTHEMUM (continued)

- C. aequalaterale*. Coarse large plant with pink flowers.
M. cordiflorum. Old fashioned variety, small, thick, green leaves; tiny magenta flowers. Used for many years in hanging baskets.
M. crassa. Delicate beautiful white flowers with curling, narrow rays. Fairy-like, fragrant.
Delosperma echinata. Warty, translucent, crystalline foliage.
Drosanthemum speciosum. One of the most beautiful of shrubby types. Burnt orange flower with black center.
D. species.
M. ecklonis. 1/2 in. white blossoms; creeping.
M. filicaule. Small creeper; delicate rose pink blossoms. Fine ground cover for small places.
M. glaucum. Very erect with lemon colored blooms.
Hymenocyclus herrei.
H. purpureo-croceus. The most constant bloomer and best for holding soil to hillsides. Burnt orange blossoms; reverse side magenta.
M. maximum. Large, grey green with lavender blossoms. Rooted cuttings charming in bowls.
M. muricatum. (*deltoides cristatum*). Low form, grey green; lavender blossoms. Similar to *caulescens*. Perfect in rock gardens.
M. roseum. Creeping, small pink lavender flowers like wild asters.
M. spectabile. Small lavender blossoms.
M. steingroeveri.
M. tenuifolium. Large, winter blooming, free flowering. Deep vivid purple.
M. uncinatum. Erect, slender leaves; delicate thin rayed lavender blossoms, size of a dime.
 var. Similar plant with darker foliage and straw colored blossoms; name unknown.
M. veruculatum. Thick leaves; very bushy; insignificant yellowish flowers, size of a dime.
 The above are 2 for 25c

MESEMBRIANTHEMUM

Stemless or Non-Shrubby Types.

- M. anemoniflorum*. With one of the finest blooms 25c
Argeta-pretensis. Dense mat; light, green leaves. Pink flowers. Very limited supply 50c
Argyroderma testiculare. Leaves silver-grey; flowers yellow pink to white. Very rare. One of the mimicry plants. Grows in grey-green quartz 35c to 50c
Acrodon bellidiflorus. Beautiful blossoms like a bellis daisy. Hence its name 15c to 25c
Bergerantus vespertinus. Low with green, pointed leaves; yellow flowers, orange reverse 15c
Bylia cana. Similar to some of the *Pleiosopolis*. A queer plant with yellow blooms and thick, angular leaves 25c
Cephalophyllum acutum. Beautiful deep orchid blossoms 25c
C. alstoni. Dense tufts of erect, grey, finger-like leaves. Cherry red flowers; one of the most beautiful of Mesem. flowers 35c
C. laeve. Interesting creeping plant, bright yellow blooms 10c
Cheirodopsis candidissima. A very white, large *Cheirodopsis* of beautiful stature 35c
C. cigarettifera. Tubular leaves, yellow blossoms 25c
C. caroli-schmidti. Grey thick leaves in pairs. Interesting 25c
C. peculiaris 25c
C. richardiana 25c
Corpuscularia lehmanni. Velvety green plants, beautiful cream colored flowers 15c
Didymaotus lapidiformis. Very rare and queer plants. Not a clump former. Flowers lateral. One of the celebrated mimicry species 35c to 50c
Dinteranthus puberulus. Similar to *Lapidaria margareti*. Forms small clusters 50c
Ebracteola montis. Grey curious plants. Downy appearance 25c
Faucaria boschiana. One of the new *Faucarias*. The *Faucarias* are beautiful in shape, with thick leaves and curling, fringed or dentated margins 25c

MESEMBRIANTHEMUM (continued)

F. felina. Very green.....	35c
F. haagei. A fine variety. Leaves very compact, shining white margins.....	35c
F. lupina. Dentated leaves resembling wolf's teeth.....	25c
F. superba. Greyish with white spots. Beautiful.....	25c
F. tigrina. Green. Neat rosettes edged with long teeth.....	15c
Faucaria tuberculosa. Heavily warted. The most beautiful of the Faucarias.....	75c
Fenestraria aurantiaca. Yellow flowered. Fenestrariae must have 2 in. of coarse sand at base of plant or will rot.....	75c
F. rhopalophylla. "Babytoes." One of the most interesting of window plants. White blooms with yellow centers.....	25c
Gibbaeum geminum. Thick greyish leaves; grows in clusters; lavender blooms.....	35c
G. molle. Like G. geminum but green instead of gray.....	15c to 25c
Glottiphyllum depressum. Glottiphyllums are large leaved, thick and juicy with large, yellow flowers.....	15c
G. linguafolium. Curved, flat leaves very dark green.....	15c
G. neli. Grey, green with especially beautiful yellow flower and extremely thick leaves.....	25c
G. propinguum. Leaves not quite so heavy as above.....	15c
Hereroa carians. Curved symmetrical leaves.....	15c
H. odorata.....	25c
H. stanleyi. Low green plants with scimitar-shaped leaves; yellow flowers.....	15c
Lapidaria margareti. Rosy-lavender, chalk-like, thick leaved mimicry plant.....	50c
Lithops kewbescens. One of the very interesting stone plants. Very mottled; 3 yrs old.....	35c
L. lesliei. Perfectly round; mottled; one of the best; size of a dime.....	25c
We will have other Lithops soon. Send in for list.	
Machairophyllum albidum. Symmetrical grey, green leaves, orchid flowers. Lovely in form and texture.....	25c
Mentocalyx velutinum. Low; greyish, three angled leaves. Lavender flowers, profuse bloomers.....	25c
Nananthus rubrolineatus. Rare. Beautiful dark, green, thick leaves.....	50c
N. vittatus. Very small. Dark leathery leaves. Forms clusters.....	15c
M. odoratum. Small plants suitable for bowls because of queer shape. Night blooming, sweet scented.....	15c
M. pachyphyllum. Thick leaved, dwarfed; rosy flowers. Very interesting.....	50c
Persea macrodenia.....	15c
M. piscodorum. (Ruschia acuminata). Smells like fish.....	25c
Pleiospilos bolusi. One of the best of stone faces.....	50c
P. dekanahi. Round margined leaves.....	50c
P. magnipunctata. Strange plant; yellow blossoms tipped with orange.....	25c to 50c
P. neli. The best Pleiospolis.....	50c
P. nobilis. Queer stone faced plants, thick angular leaves. Picturesque like all of this group. Green in shade, lavender in sun.....	50c
P. roodiae. Reddish leaves.....	50c
P. simulans. Flat surfaced, grotesque, bizarre.....	25c, 50c, \$1.00
Rabiea albinota. Thick, curved, green leaves like the prow of a boat.....	50c
Rhombophyllum rhomboideum. Dark green truncated leaves; very flat yellow flowers.....	15c
Stomatium agninum. Thick leaved interesting plants. yellow flowers.....	15c
S. fulleri. Charming plant, toothed leaves. Fringy yellow blossoms.....	25c
S. jamesi. Similar to above. Larger leaves.....	25c
S. meyeri.....	25c
S. murinum.....	25c
S. mustelinum.....	25c
S. ronaldi.....	25c

MESEMBRIANTHEMUM (continued)

- Titanopsis calcarea*. A low, warted rosette. Very unusual 35c
Trichodiadema bulbosa. A very low, curious plant with
 small, purple blooms and long, bulbous roots. Per-
 fectly suited for borders 15c
T. stellata. Low tufted plants with groups of stiff hairs
 on each tuft, making them resemble cactus. Lavender
 flowers 25c
Verrucaria schwantesi. (*Titanopsis*). Chalk-like warted
 plants of extreme interest 50c
 Mesembrianthemums do not require much water or good
 soil.

OTHONNA

- O. crassifolia*. Creeping, interesting plant with fat, short
 leaves like elongated beads. Yellow flowers like small
 daisy 15c
O. carnifolia. Similar to above with more ordinary
 leaves 15c

PORTULACARIA

- P. afra*. Only member of its family. Food for elephants
 in Africa. A beautiful shrub with thick, small, shin-
 ing leaves on a dark red stem 15c up

SANSEVIERIA

- S. aethiopica*. Wide green leaves with red edges. Very
 beautiful 50c
S. cylindrica. An unusual plant with mottled, tubular
 pointed, stiff leaves in two ranks up to 2 ft. in length.
 Small plants 50c to 75c
S. laurenti. A yellow margined variety of *zeylanica* 25c up
S. para 25c
S. zeylanica. The Leopard Plant. Suitable for jars in
 homes. Long, thick, mottled leaves 15c up
 Two unnamed *Sansevieriae*, one very similar to *S. aethi-*
opica and one very large with long, wide leaves. Each 50c

SEDUM

The price of these plants is 10c unless otherwise stated.
 "H" means hardy to frost.

- S. adolphi*. Golden yellow, conspicuous.
S. acre. Creeping. H.
S. alantoides. Blue, round leaves.
S. album. Green, creeping. H.
S. altissimum. Blue, 8 in.
S. anglicum. Charming, pale green, creeping.
S. dasyphyllum. Blue green clumps, tiny leaves.
S. guatamalense. Green turning to red in sun. Vary at-
 tractive.
S. lydium. Small, vivid green.
S. maximovitzy 35c
S. mexicanum. Yellow green.
S. moranense. Tiny, thick, reddish leaves.
S. multiceps. Like a little pine tree. Perfect in bowls 25c
S. muralis. Turning red like blackberries in fall.
S. pachyphyllum. Pale hands, pink tipped.
S. palmeri. Tall. Echeveria like rosette.
S. prealtum.
S. prealtum cristatum.
S. pruniatus-fosteriana. H.
S. reflexum. H.
S. rupestre. H.
S. sarmentosum. H.
S. sieboldi. H. Pretty pink flowers. Dies back each year 25c
S. spectabile var. *brilliant*. H.
S. spectabile variegatum. H.
S. stahli. Called baked beans from the resemblance of
 the leaves.
S. trelesi. Beautiful blue.
S. winkleri. From Spain. Perfect rosettes in clusters.

Allied Plant

- Cremonnophila nutans*. Very large growing variety with
 thick, glossy leaves 25c

SEMPERVIVUM AND AEONIUM

- A. *arborescens*.
 A. *balsamiferum*. Grey serrated red-tipped leaves.
 A. *canariensis*. Downy. Requires shade.
 A. *ciliatum*. Grey and very prolific.
 A. *decorum*. Rather small rosettes on shrub, turning beautiful color in fall.
 A. *haworthi*. Very stiff leaved rosette on small shrub.
 A. *nobile*. Thick large leaves weighing sometimes as much as a pound 35c
 A. *percarium*. Red-tipped. Like *decorum*.
 A. *spathulatum*. Smaller rosettes, long stems. Likes shade.
 A. *tourniforti*. Serrated edges, small rosettes on a shrub.
 A. *tabulaeforme*. Leaves inlaid like marquetry. A downy, absolutely flat rosette.
 var. *lindleyi*. Shrubby group of dull green rosettes.
 The above are a group of large, showy plants consisting of many stalked rosettes. Most of them are natives of the Canary Islands.
 Prices 15c to 25c

Allied Plants

- Aichryson dichotomum*. Bushy annual with downy leaves and red stems. Attractive 25c
 A. *tortuosum*. Compact little rosettes composed of tiny, thick leaves 25c
Grenovia dodrentalis. (*gracile*). Charming plant like a perfect little rose 25c
Rosularia pestalozzae 25c

SEMPERVIVUM

12 of any kind 10c kind, \$1.00, postpaid.
 5 of any 25c kind, \$1.00, postpaid.

- Sempervivums are very interesting small plants suitable to rock work. They are natives of the mountains of Europe and very hardy to cold. In California they prefer shade.
 Single rosettes unless otherwise stated 10c
 S. *alberti*. Grey green. Rosettes small.
 S. *alpha*. One of the newest varieties on the market.
 Downy rosettes 25c
 S. *ambergreen*. Large. 5 to 6 in. Amber shading.
 S. *arachnoideum*. Cobweb or spiderweb house leek. Very small rosette entirely overlaid with small, white hairs. Flowers bright red.
 S. *arenareum*. Globular, bright green; flowers pale yellow.
 S. *atroviolaceum*. (Rosy Purple Beauty). Grows to 7 in.
 An outstanding variety 50c
 S. *beta*. Also a new variety with a perfect rosette 25c
 S. *blandum*. Pale rose blooms.
 S. *blondine*.
 S. *brauni*.
 S. *calcaratum*. Large. Purple colored. Iridescent. Very fine 25c
 S. *calcareum*. Beautiful smooth green rosettes; petals greenish with decided red tips. A gery good one.
 S. *doellianum*. Very tight clusters of small pale green rosettes. Flowers bright red.
 S. *fimbriatum*. Flowers bright red.
 S. *gamma*. New variety; very good 25c
 S. *globiferum*. Very beautiful rosettes, tiny tight leaves. Flowers pale green.
 S. *hirtum*. Pale grey, green. Pale yellow flowers.
 S. *laggeri*. Similar to *arachnoideum*, but rosettes much larger. Flowers bright rose.
 S. Lown's No. 60. 3 to 4 in. Red tipped. Silky hairs on margin center 25c
 S. *moggidgi*. Smooth, green tips; reddish.
 S. *powelli*. Violet shading. Turning red in winter.
 S. *royanum*. Yellowish green with red tips. A startling variety 35c
 S. *silverine*. 6 in. Light green to silvery grey 25c
 S. *soboliferum*. Light green rosettes; pale yellow flowers.
 S. *triste*. Flowers bright red.

SEMPERVIVUM (continued)

- S. tectorum*. Flowers pale red.
S. violaceum. 4 in. Green. Slight violet shading. Changing little with the seasons.
S. violescens. Grey green with violet shadings. Rosy in winter.

Stapeliae and Allied aesclepiads

CARALLUMA

- C. burchardi*. Very rare75c
C. europea. Variety typical. Smallest blossoms of all, very profuse at end of stem. Red with gold stripes.....35c
C. lutea10c to 25c
C. melanantha. (leendertziae).....10c to 25c
C. nebrowni. Dark red to black brown. Entirely bare10c to 25c
C. pseudo-nebrowni10c to 25c

CEROPEGIA

- C. barklyi*. A lovely little vine with pointed, mottled leaves15c to 25c
C. debilis. A weak, trailing affair getting everywhere and going nowhere25c
C. dichotoma. May be *C. fusca* but comes from a different locality25c
C. fusca. Very unusual. Can stand very little water.....35c
C. radicans35c
C. stapeliaeformis50c
C. thorncrofti. Very thin stemmed.....25c
C. woodi. The Rosary Vine.....15c to 25c

DIPLOCYATHA

- D. ciliata*. Allied to *Huernias*. Showy, white flowers fringed with hair. One of the finest.....75c

DUVALIA

- D. angustaloba*. The most free blooming. Brown corolla, with narrow lobes.....15c
D. hirtella. Chocolate brown ciliate blooms.....15c
D. polita. The polished *Duvalia*, chocolate red.....15c
D. reclinata. Similar to *hirtella* but hairs are vibrata clavate instead of single.....15c

ECHIDNOPSIS

- E. cerieformis*35c
 var. *obscura*. (*cylindrica*).35c
E. dammanniana35c

HUERNIA

- H. hystrix*. The porcupine. Yellow bloom with red spots; spinelike, red tipped papillae25c
H. loesneriana. Corona striped and dotted with purple10c to 25c
H. longituba. Bloom cream colored, flecked with red10c to 25c
H. penzigi. Bloom outside dirty white and red inside.....25c
H. primulina. Creamy yellow bloom.....25c
H. scabra var. *immaculata*. Flowers a pale brown color.....25c
H. schneideriana. Deep purple cup25c
H. transvaalensis. The lifebuoy.....25c

HUERNIOPSIS

- H. decipiens*. The only *Huerniopsis*. Brownish red bloom mottled with yellow25c

PIARANTHUS

- P. foetidus*. Flowers yellow with red markings. Smells to Heaven25c
P. species15c

SARCOSTEMMA

- S. viminale*. Pendant, leafless, pointed. A lot of not much25c

STAPELIA

12 Varieties, my choice, postpaid, \$1.00

- S. angulata*10c
S. arnotti. Clear red, wine tips, blackish long hairs 25c to 50c

STAPELIA (continued)

<i>S. asterias</i> . Tips bare, center very tomentose, red.....	35c
<i>S. atropurpurea</i> . (variegata). Ground color blackish-purple. Spotted	10c
<i>S. bella</i> . Two inch purplish red flowers	35c
<i>S. bicolor</i> . Dark brown with few bright yellow spots. Stems two colored	10c
<i>S. bufonia</i> . Variegata variety.	
<i>S. caroli-schmidti</i> . Variegata variety	10c
<i>S. ciliata</i> . White and dark purple hairs mixed. Spotting variable	35c
<i>S. clavicornia</i> . Rare. The inner corona has two sets of horns	50c
<i>S. deflexa</i> . Dark red with center corona, self colored hairs	25c
<i>S. desmetiana</i> . Long white haired edges, greenish or reddish ground	15c to 35c
<i>S. flavirostris</i> . Purple red ground with marginal white hairs	15c to 35c
<i>S. flecki</i> . Unusual and unlike the others, sweet scented.....	35c
<i>S. flecki</i> variety <i>flavopurpurea</i> . More yellow in the bloom	25c
<i>S. gettleffi</i> . Similar to <i>hirsuta</i> but blooms larger.....	25c
<i>S. gigantea</i> . Dull green, pale purple, hairy, marked with transverse crimson lines. Blossoms 14 in. across.	10c to 25c
<i>S. grandiflora</i> . 6 inch, dark brown, hairy.....	25c
<i>S. hanburyana</i> . Ground color yellowish, the ring lighter, covered with round dark red spots merging into lines.....	10c
<i>S. hirsuta</i> . Ground red, margin white, petals hairy, white tomentose	10c to 35c
<i>S. hirsuta</i> hybrid and var. <i>patula</i>	15c
<i>S. lunata</i> . (nigricans)	15c
<i>S. maculosa</i> . One of the beautiful hybrids believed to have been in cultivation since 1799.....	15c
<i>S. maculosoides</i> . (mermalis). Has a very pronounced pattern	10c
<i>S. moth-brown</i> . Unusual with many cilia on a tan-green background	25c
<i>S. multiflora</i>	25c
<i>S. maculosa</i>	25c
<i>S. nobilis</i>	25c
<i>S. pachyrrhisa</i> . Beautiful velvety black red with tiny flecks of gold. Rare	50c
<i>S. picta</i> . Gold background streaked with red; very large blackish red spots running together	50c
<i>S. peglerae</i>	10c to 25c
<i>S. puchella</i> . The little beauty. Sulphurous yellow with brown spots	25c
<i>S. radiata</i> . Gold with black spots	50c
<i>S. rufescens</i> . Gold, with very dark brown spots	25c
<i>S. schinzi</i> . Unusual in shape. Long pointed leaves, dark red	15c to 35c
<i>S. tomentosa</i> . Covered with white hairs	25c
<i>S. uranus</i>	25c
<i>S. variabilis</i>	10c
<i>S. variegata</i> . Commonest of all; yellow with small spots.....	10c
<i>S. verrucosa</i> . Very small yellow blooms with tiny brown dots. Very different from the above	10c to 25c

TAVARESIA

<i>T. barklyi</i> . Blooms 2 to 3 in long, pale yellow flecked with red	50c
<i>T. grandiflora</i> . Similar to above but flowers attain 6 in. sometimes	50c

The Stapelieae, by Alain White and Boyd Sloane. A scholarly, up to the minute, profusely illustrated book on the Aesclepiadaceae. \$3.00 and worth twice as much. An invaluable study of *Les Dames aux Enfers* of the botanical world.

CACTI

<i>Acanthocereus pentagonus</i> . Triangular, procumbent; night bloomer. Good grafting stock	15c
<i>Ancistrocactus scheeri</i> . Small tubercled plant. Yellow spines, some hooked	35c
<i>Aporocactus conzatti</i> . Oaxaca, Mexico. Creeping tails covered with brown bristles. Flowers brick red. Grafted plants	\$1.00
<i>A. flagelliformis</i> . Rat Tail. Long slender, pendant stems covered with short spines and magenta flowers. A good house plant	15c to 50c
The above grafted Has much more vigor	\$1.00 up
<i>A. flagriformis</i> . Oaxaca, Mexico. Erect at first, then creeping, much branched. Flowers dark crimson. Grafted plants	\$1.00
<i>A. leptophis</i> . Mexico. Strongly ribbed slender tails with bristly spines	\$1.00
<i>Ariocarpus fissuratus</i> . The Living Rock. Looks more like an amphibian than a plant	25c to 35c
<i>Astrophytum asterias</i> . The Sea Urchin. Small, flat, distinctive	25c to \$1.00
<i>A. capricorne</i> . Long curling spines. S.	\$1.00 up
<i>A. myriostigma</i> . The celebrated "Bishop's Cap." Covered with myriads of small tufts of white wool. S.	50c
var. <i>coahuilensis</i> . S.	35c
var. <i>potosina</i> . S.	35c
<i>A. ornatum</i> . Ornate yellow spines. Many tuft of wool. S.	35c to 50c
var. <i>mirbelli</i> . Few tufts of wool. S.	35c to 50c
<i>Bergerocactus emeryi</i> . In the U. S. native of San Diego Co. and some of the Channel Islands, only. Yellow spined, slender cereus, different from any other cactus. Sensitive to cold	25c to \$1.00
<i>Binghamia chosiquensis</i> . Seedlings	35c
<i>Borzicactus straussi</i> . Slender South American cereus covered with white wool like spines. Hardy. Flowers tubular, red. S.	35c up
<i>Brittonia davisi</i> . Tubercled ribbed barrel from Texas with slender, long, yellow, hooked spines	50c up
<i>Carnegiea gigantea</i> . The Arizona Giant	75c up

CEREUS

The Cerei are tall columnar plants having large, white, nocturnal flowers.

<i>Cereus bolivianus</i> . S.	15c
<i>C. eburneus</i> . S.	15c
<i>C. formosus monstrosus</i> . A curious plant covered with knobs rather than ribs	25c up
<i>C. hexagonus</i> . West Indies. Spineless. Looks like a big <i>Euphorbia</i> . Large ones only	\$3.00 to \$5.00
<i>C. jamaru</i> . Blue	25c to 75c
<i>C. peruvianus</i> . S.	35c up
<i>C. peruvianus monstrosus</i> . Another knobby plant	\$1.00 up
<i>C. validus</i> . Four sided. Blue. S.	25c
<i>C. xanthocarpus</i> . Paraguay. Tree. White wooly areoles. S.	15c
<i>Chamaecereus silvestri</i> . "Peanut Cactus." Always remains small, hence very suitable for bowls. Free bloomer, orange red. Likes a little shade	15c to 25c
<i>Cleistocactus baumannii</i> . S.	50c
<i>Coryphantha alversoni</i> . S. Calif. "Fox Tail Cactus." White spines with black and brown tips	25c
<i>C. chlorantha</i> . California and Nevada. Small ball covered with white spines with dark tips. Yellow to purplish bloom	15c
<i>C. erecta</i> . S.	25c
<i>C. macromeris</i>	15c
<i>C. micromeris</i>	15c to 25c
<i>C. muehlenpfordti</i>	50c to \$3.00
<i>C. neo-mexicana</i>	15c to 50c
<i>C. pectinata</i>	15c to \$2.00
<i>C. runyoni</i>	25c to 50c
<i>C. sulcata</i>	25c to 50c
<i>C. vivipara</i> . (<i>radiosa</i>)	25c to \$4.00

CEPHALOCEREUS



CEPHALOCEREUS SENILIS
The Old Man of Mexico

The Cephalocerei are usually tall plants with long hairs or wool on them.

<i>Cephalocereus albispinus.</i>	S.	40c
<i>C. chrysacanthus.</i>	Yellow spines, wooly apex.	S.25c
<i>C. hoppenstedtii.</i>	Short, hairy giant; white spines.	S.75c to \$1.00
<i>C. leucocephalus.</i>	Sonora, Chihuahua.	S.	One of the most unusual columnar cacti with 4 in. long wooly white hair, very rare
		35c
<i>C. royeri.</i>	White, hairy.	From Porto Rico.	Rare.
		\$1.50 to \$5.00

Denmoza rhodacantha. (<i>Pilocereus erythrocephalus</i>).....	75c
Dolichothele sphaerica	15c to \$1.00
Echinocactus grusoni. The beautiful golden ball which will attain the size of a bushel basket. S. Plants	15c to \$3.00
E. horizonthalonius. Rots easily. Must be planted in rubble so no wet earth surrounds the base.....	25c to 50c
E. polycephalus. Multiple headed with stiff pinkish spines	50c up

ECHINOCEREUS

Echinocereus blancki. Slender stems, large purple bloom	25c to \$1.00
E. berlandieri. Similar to blancki. Very free bloomer	25c to \$1.00
E. brandegeei. L. Calif. Forms clusters of tubercled joints. Spines yellow to brown, flowers purple. Re- sembles a clavate Opuntia.....	35c
E. chloranthus. Green flowers.....	15c to \$1.00
E. conoideus. Beautiful red flowers.....	15c to \$5.00
E. dasyacanthus. Texas Rainbow. Large yellow flowers	15c to 50c
E. engelmanni. Hedgehog. Magenta to purple blooms	15c to 25c
E. enneacanthus	15c to \$2.00
E. erhenbergi. Fine purplish blooms. Setaceous spines	25c to 50c
E. fendleri. Beautiful plant with purple flowers	50c to \$1.00
E. fitchi. Brownish, pectinate spines.....	15c to 50c
E. lloydi	25c to 75c
E. octacanthus. Scarlet cup-shaped blooms. Hardy	25c to \$4.00
E. papillosus. Very attractive with yellow blooms	25c to \$2.00
E. pectinatus	15c
E. perbellus	50c
E. reichenbachii. White pectinate spines. Lacy appear- ance. Purple blooms.....	15c to \$1.00
E. rigidissimus. The beautiful red spined Arizona Rain- bow Cactus. Spines short and intermeshed and not aggressive. Flowers bright pink with white center. Requires almost no water. One of the loveliest	25c to \$5.00
E. rosei	25c up
E. stramineus. Strawberry Cactus. Purple blooms.....	25c up
E. triglochidiatus. The Claret Cup.....	25c up
E. viridiflorus	25c to 35c
Echinomastus durangensis	60c
E. intertextus	15c to 50c

ECHINOPSIS

Echinopsis campylacantha	25c
E. colmariensis	25c
E. eyresi. Beautiful big white flowers on lovely green globes. Hardy	15c to 50c
var. el pleno. Rose flowers.....	25c
E. Heavenly twins. Pink bloom.....	25c
E. mamillosa. White flower.....	25c
E. mia. Light pink flowers. Short spines	25c
E. muelleri. Rose flowers.....	25c
E. multiplex. Beautiful pink blossoms on green globes with yellow spines. Good grafting stock.....	15c to 50c
var. cristata. Grafted	\$1.25
E. nuda	25c
E. oxygona var. cristata. Grafted	\$1.25
E. paraguayensis	50c
E. schelhassei. Beautiful pink blooms about 8 in long lasting about 5 or 6 days. Small plants.....	15c
E. triumphans	50c
E. turbinata	25c
E. undulata	25c
E. wilkensi	50c
E. zuccariniana	50c

EPIPHYLLUM

Epiphylla well deserve the name of "Flowering Cacti." They have some of the most beautiful flowers in the cactus family. They are admirable house plants. Also called *Phyllocactus*.

Prices for Epiphylla for one stem rooted. Prices for larger ones on request.

Epiphyllum agatha. Beautiful, large, pink blooms.....	50c
E. Amber Queen.....	50c
E. anguliger. The leaves are the most beautiful of all the Epiphylla. They are shining, vivid green, very deeply and regularly cut. Lovely as a house plant even when not in bloom. White blossoms.....	25c to \$1.00
E. ackermanni hybrids.....	25c to \$2.00
E. cooperi. White.....	25c
E. Conway's giant. Beautiful, large, red flower with purple throat.....	50c
E. Dr. Houghton. Another beauty with red flower with purple edges on the petals.....	50c
E. Houghton's frilled.....	50c
E. jenkinsoni. Red and white bloom.....	50c
E. kermescensus magnus. Red and white bloom.....	50c
E. latifrons. "Dutchman's Pipe." Large flowers, prolific night bloomer, flat leaf.....	25c to \$3.00
E. oxypetalum. Mexico. Blooms abundantly. Thought to differ little from the foregoing.....	50c
E. pink murietta. Lovely pink bloom with deeper colored throat.....	50c
E. pink nymph.....	50c
E. roseum superbum (kaiserin). Bicolor pink and white. Blossoms not large but very profuse.....	25c
E. vif rouge.....	50c
E. wrayi. White flower.....	25c
Many varieties of Epiphyllums are unnamed. Colors known, however. White, pink and red.....	25c up
Escobaria dasyacantha.....	25c
E. runyoni.....	10c to 25c
E. sneedi.....	15c to \$1.00
E. tuberculosa.....	25c to \$2.50
Espostoa lanata (<i>Pilocereus dauwitzi</i>). The most beautiful of hairy cereus. Completely covered with white wool with a few stiff yellow spines. Comes from the high Andes. S.....	50c to \$1.00

FEROCACTUS

Ferocactus acanthodes. The California Barrel. All sizes, shapes, groups, etc., including a healthy, large crest.	25c to \$25.00
F. hamatacanthus. (<i>longihamatus</i>). Flowers lemon yellow.....	25c to \$2.50
F. johnsoni. Fire under ashes best describes this beautiful cactus. Heavy dull red spines.....	35c
F. latispinus. (<i>E. corniger</i>). A very symmetrical plant. Spines red, short and flattened. Flowers pink or white to purple. S.....	25c
F. lecontei. Showy, very red spines.....	50c to \$5.00
F. melocactiformis. (<i>electracanthus</i>). The spreading amber spines make a very showy plant. S.....	25c
F. pringlei. Seedlings.....	50c
F. robustus. Forms dense clusters of heads about 8 in. in diameter. Brownish spines on deep green globes.....	40c
F. uncinatus. Texas Fishhook. Lovely frilly rose to chocolate colored flowers.....	50c to \$5.00
F. viridescens. A low, flat barrel, single and in clusters. Heavy.....	25c to 50c
F. wislizeni. Arizona Barrel. Heavy hooked spines. The Cactus Candy is usually made from this plant.	50c to \$10.00
Grusonia bradtiana. Limited supply. Small plants only.....	\$1.00
G. rosarica. Rare. New Grusonia recently found in L. California.....	35c
Hamatocactus setispinus. The Texas Twisted-Rib. A most exclusive child with no near relations. One of the most persistent bloomers. Flowers lemon yellow with red centers.....	15c to 50c

Harrisiae are clambering, white flowered, nocturnal Cereus. Beautiful red fruit.

Harrisia bonplandi. Paraguay. Four sided.....	50c to \$1.00
H. eriophora. Cuba.....	50c to \$1.00
H. martini. Argentina.....	50c to \$1.00
H. tortuosa.....	35c
Heliocereus speciosus. Beautiful Epiphyllum like blooms. Red flowers with purple edging on petals.....	50c to \$1.00
Homalocephala texensis. The Texas Devil's Head. Re- sembles E. horizontalonius, but is much easier to grow. Lovely delicate blossoms, like strawberry ice cream in color.....	25c to \$1.00
Hylocereus ocamponis. Glaucous, 3-angled stem with a gold stripe on the ribs. Large, white, nocturnal flower.....	75c
H. undatus. Night bloomers with many golden stamens, climbing to the top of houses.....	25c to \$5.00
Lemaireocereus chende. Tehuacan, Mexico. Low, much branched.....	25c to 50c
L. chichipe. S. Mex.....	25c
L. dumortieri. Very striking columnar plan. S. Mex.	15c to 60c
L. hollianus. Mexico. Nice. Bristly, spiny, branching plant.....	25c to 75c
L. montanus. Sonora. One of the rarer Lemaireocereus. Very striking. S.....	25c to 35c
L. queretaroensis. Mex. 3 yr. S.....	60c
L. stellatus. Mexico. Blue green; branching from base. S. plants.....	35c to 75c
L. thurberi. Scarce. S. Arizona pipe organ cactus. Has a delicious fruit.....	\$1.50 to \$5.00
L. weberi. (C. candelabrum).....	60c
Lophocereus schotti. A wonderful and much prized cereus almost extinct in the U. S. except in cultivation. 3 yr. seedlings.....	50c
Mature plants.....	\$5.00 to \$10.00
var. monstrosus. "Totem Poles." Very rare form of L. schotti. Only two small patches ever found. L. Calif. Small ones.....	50c to 75c
Lophophora williamsi. The famous Peyote or Mescal But- ton. More has been written about this plant than any other in the Cactus world. Interesting and easy of culture.....	15c to 50c
Mediocactus coccineus. Three angled, purplish tinted stems. Lovely flowers.....	25c
Monvillea cavendishi. S. Amer. Slender, thorny, night blooming cactus.....	35c
M. spgazzeni. S. Amer. Beautiful, slender, purple-green stems mottled with cream. White flowers. Grafted plants.....	60c
Myrtillocactus geometrizans. Beautiful blue. Seedlings	25c to 60c
Neobesseyia missouriensis. The Neobesseyas are very beautiful white spined clusters with brilliant red fruit. All very nearly alike.....	25c to \$1.00
N. similis.....	25c to \$1.00
N. wissmani.....	25c to \$1.00

NEOMAMMILLARIA

Neomammillaria blossfeldiana. L. Calif. Small, hooked, spined variety with large flowers for the genus, pink and white striped.....	75c
Neomammillaria bocasana. Seedlings. Woolly with brownish hooked spines. Beautiful.....	50c up
N. compressa. Mexico. Forms dense clusters. Has milky juice. Singles.....	25c
N. denudata. Very tiny, little white button. size of a large cherry.....	15c
N. elongata. Golden yellow, soft spined, clustered.....	35c
N. fasciculata. Small, rosy hooked-spined.....	25c
N. fragilis. Miniature. Soft spines.....	25c
N. hemisphaerica.....	15c to 25c
N. hidalgensis. Mexico, crimson flowers. Free blomer.....	35c up
N. longicoma. Seedlings similar to bocasana.....	50c
N. meiacantha. One of the flat ones.....	15c to 25c
N. multiceps. (pusilla), 1/2 to 1 in. Charming.....	10c to 50c

- N. nivosa*. White, wooly body with yellow spines. Islands of Mona and Culebra. Does not grow on the mainlands of Porto Rico.....35c to \$2.00
- N. plumosa*. Lovely, little, white plant with soft, feathery-like spines. S..... 50c
- N. pottsi*. (leona). Slender with delicately arranged spines 25c to 50c
- N. sphacelata*. Slender. White spines with dark tips..... 35c
- N. spinosissima*. A large *Neomammillaria* with long red and white spines. Attractive..... 35c

NOPALEA

Nopaleas are *Platyopuntia* type plants except the flowers never open wide and the stamens and pistil are exerted.

- Nopalea auberi*..... 25c
- N. cochenillifera*. Portrayed on Mexican coins... 15c to 35c
- N. cochenillifera variegata*. Rare..... 50c
- N. dejecta*. Panama. Huge. Winter bloomer..... 25c
- N. dejecta variegata*. Unusual variegated form. Per rooted cut 50c
- N. inaperta*. Yucatan..... 15c to 35c
- Nyctocereus serpentinus*. Tall columns, slender, growing to tops of houses. 50 white, very fragrant blooms on one stalk in a single night..... 25c to \$2.00

OPUNTIA (cylindrical types)

- O. bigelovi*. The golden spined cholla. Except where desired for color scheme not desirable. Dangerous with its barbed spines and easily detached joints.
- O. bulbispina*. Clavate type. Rare. One stem..... 25c
- O. cylindrica*. Ecuador..... 15c to 25c
- var. *davisii*. Golden spines..... 25c to 50c
- O. echinocarpa*. "Silver and Gold Cholla". Not so vicious as *O. bigelovi* and slenderer..... 10c to \$1.00
- O. fulgida*..... 15c to 25c
- O. glomerata*. (*Tephrocactus papryacanthus*). S. Amer. 50c up
- O. imbricata*. When kept properly trimmed this green tree-like cactus is very ornamental..... 15c to \$1.00
- O. kleiniae*..... 15c to 25c
- O. leptocaulis*. Slender easily detachable joints. Has lovely red fruits that give the plant the appearance of a holly bush..... 15c to \$1.00
- O. parrishi*. S. Calif. and Ariz. A creeping, clavate plant. The new growth in the spring is very beautiful. Numerous flat, white spines..... 25c to \$1.00
- O. pentlandii*. S. Amer. Globular stems. No spines, only glochids. Rare..... 50c
- O. prclifera*. San Diego Co. Vicious "cholla" with easily detached joints..... 10c
- O. spinosior*. White short spines..... 25c
- O. vestita*. S. Amer. Slender stems covered with soft, white hairs. New growth has long, narrow, terete leaves. Rare..... 75c

PLATYOPUNTIA

(Flat leaved and intermediate types)

- O. aciculata*. Covered with many yellowish brown glochids. Flowers of surpassing beauty..... 25c
- O. basilaris*. The Beaver Tail. A lovely plant varying in color from grey green to soft purple. Matte finish. Magenta bloomer..... 15c to \$1.00
- O. basilaris*. Not so nice a plant as the above but much rarer as it has yellow flowers..... 50c
- O. bellaperone*. Single pads..... 15c
- O. bondata*. Single pads..... 15c
- O. brasiliensis*. A very fine, thin leaved, green *Opuntia* with a central trunk. Its form and its waxy yellow flowers make it a desirable pot plant..... 25c up
- O. cenesa*. Single pads..... 15c
- O. chlorotica*. Dense spines of pure gold..... 25c to \$1.00
- O. elata-obovata*. A lovely dark green, smooth surfaced plant with a few long spines. Flower of an apricot shade. Unusual..... 35c to \$1.00
- O. engelmannii*. The true one named by the Smithsonian Institute..... 25c to \$1.00



OPUNTIA

*An interesting cactus low in scale of evolution.
Hence the leaf*

- | | |
|---|---------------|
| O. erinacea. Long numerous, soft, thin spines giving it a hairy look. Magenta flowers | 25c to \$3.00 |
| Var. ursina. From Mojave Desert. Denser spines, yellow flowers. The grizzly bear | 25c to \$3.00 |
| O. grandiflora. The largest of the Texas cactus. Large yellow flowers with red centers | 50c |
| O. leucotricha. A very large stately variety with short, pure white hair-like spines. Large plants | \$2.00 |
| Cuttings | 10c |
| O. linguiformis. The peculiar cow's tongue cactus of Texas. Per leaf | 25c |
| O. macrocentra. Purplish leaves, a few very long spines on the margin | 35c |
| O. margarita. L. Calif. Densely covered with pink-brown spines | 35c |
| O. michrodasy. Covered with tiny golden yellow spines looking like velvet but dangerously deceptive. Small ones are perfect in bowls | 15c to \$1.00 |
| var. rufida. Like the above but the spines are auburn in color and spaced more widely. A perfect harmony of color are those rich hues on a dark green ground | 25c to 50c |
| O. monacantha. (vulgaris). Brazil. Thin pads with long, dark spines | 15c up |
| monacantha variegata. The best seller because of its unusual marbled mosaic of color and design | 15c up |
| O. orbiculata. (crinifera lanigera, senilis). Mexico. Grown under glass covered with white hair; in open has yellow spines only | 15c |
| O. pottsi. Red flowered | 15c to 25c |
| O. rafinesque. (opuntia). Indiana. Hardy. Small green pads. Grows erect in summer but becomes procumbent in fall so that snow will not break it | 15c |
| O. retrorsa. A very charming dark green, shining, sprawling Opuntia. Each spine seems to cast a long purple shadow. The joints are flat but very thick and nearly round. Not common | 15c to 25c |
| O. rubescens. (Consolea). From Porto Rico. Smooth, dark green, almost spineless, rare and beautiful in shape | 50c |
| O. santa-rita. Purplish pads in winter. Sage green in growing season. Flowers golden yellow, as large as a water lily. Ariz. | 25c to \$1.00 |
| O streptacantha. San Luis Potosi. One of the most important food cacti of Mexico | 15c |
| O. subulata. S. America. Different from any native Opuntia. Round stems, pronounced conic leaves. | 10c to 25c |
| O. tuna amarilla. Single pads | 15c |
| O. tomentosa. Mex. Short spines, velvety stems | 15c |
| Oreocereus celsianus. (Bolivia). Yellow spines, long white hairs. S. | 35c to 75c |
| O. trolli. Very hairy. Striking. S. | 40c to 50c |



OPUNTIA SANTARITA

- Pachycereus chrysomallus*. A very rare giant. S..... 50c to 75c
P. pecten-aboriginum. Giant. S..... 35c to 75c
P. marginatus. Smooth green columns, 3-yr. seedlings
 and mature plants..... 50c, \$1.00 to \$7.50
P. pringlei. Similar to the *Carnegiea gigantea* but slenderer when young. One of the very largest Cacti. Lower California and Mexico. Seedlings..... 25c to 50c
 2 feet..... \$5.00
Peniocereus greggi. The strange night bloomer of the S. W. Enormous tuberous roots. Slender ribbed stems, big white flower. Keep in shade and in very well drained soil..... 60c up
P. johnsoni. L. Calif. Like the above with fewer ribs and more velvety stems. Rare. Grafted..... \$1.00
Pereskia are the first form in evolution from other plants to Cacti.



OPUNTIA ERINACEA

California's Grizzly Bear

- Pereskia bleo*. A shrub with dainty pink flowers and lovely spines.....35c
- P. godseffiana*. The most beautiful one in the coloring of the leaves. Supposed to have been a sport and to have originated in Australia.....\$1.00
- P. grandiflora*. Large violet blooms. S. America.....25c
- P. moorei*. Shrub with rosy blooms, very long spines Brazil.....25c
- P. pereskia*. A vine, looking like a Bougainvillea but a true cactus. Very sweet, yellow, waxen flowers. Rapid grower.....35c
- P. sacharosa*. Paraguay and Argentina. Flowers in terminal clusters, rose colored or white.....25c
The *Pereskiosis* are the second step in evolution in Cacti.
- P. chapistle*. Branching with fleshy leaves and yellow flowers and red fruit. Mexico.....25c
- P. digueti*. Central Mexico. Branches; pubescent areoles when young filled with white hairs becoming black wool. Flowers yellow, fruit red.....25c
- P. porteri*. Lower Calif. and Mex. Waxen yellow blooms, orange fruit, thick leaves, sprawling.....25c
- Rathbunia alamosensis*. Sonora. Tubular, red flowers with recurved petals. Fine. S.....25c to 35c
- Schlumbergera gaertneri*. Bright red blooms. Like a Xmas cactus.....25c to 50c
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