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# CACTI, SUCCULENTS, 

# TREES, SHRUBS, AND FLOWERING PLANTS. 

Special Offers, August, 1891.

LYON \& COBBE, NURSERYMEN, LOS ANGELES, CALIFORNIA.


#### Abstract

Lovers of the odd and beautiful will herewith find many well known and favorite trees and plants, and not a few that heretofor have never been offered $b_{z}$ dealers in the United states, and of which we have large stocks ready for (MMEDIATE DELIVERY. Except where noted, all are thrifty plants, of merchantable size, and can be safely forwarded by express at any season, or by freight during the months of October and November, and March, Ap il and May. Where ordered by mail we furnish a smaller sized plant post-paid, except in the case of some cacti and succulents too large for mailing

Customers should remit cash with orler, and give post-office address, and name expr-ss or freight office, with shipping instructions.

Mauy of our cacti are entirely new to science, and as additional sorts are almost constantly arriving from our collectors, revised lists will be sent, as issued, to those requesting them.


## CALIFORNIAN AND MEXICAN CACTI, AND SUCCULENTS.

## AGAVE (Century Plants).

A.MERICANA L. var. MLLLERI. A popular form in southern Californi. gardens, with glaucous foliage. $\$ 1$ to $\$ 18$ each.
a MERICANA L. var. VARIEGATA. Foliage with white margins; an excellent companion for var. Millerı. 50c to \$11.

DEsFikTI Engelm. Peculiar to the Colorado desert. rather small and with glaucous white foliage, very beautiful \$1.

HETERACANTHA Zuce. Ler:heguilla of Texas and Mexi o, with sle rder, curving leaves curiously mottled. 25 c . to $\$ 1$.

MARGARITE Brandegee. A dwarf insular species of grea beauty.and entirely new; very symmetrical, with broad leaves and very large marginal spines. $\$ 1$ to $\$ 4$.

PARKYI Engelm. A very symmetricar Texan species, one of the most beautiful we have ever seen. $\$ 1$.
sHAWIL Engelm. Very compact lark olive green leaves, of great beauty. $\$ 1$.

MACUlata Regal. Curiously spotted leaves. \$1.

> ALOE.

VARIEGATA L Partridge-breast aloe. 75 c .

## ANHALONIUM.

PRISMATICUM Lem. 50 c.

## CACTUS L.

Mamillaria Haworth.
BEGUINII. A rare Mexican. soc.
Dasyacanthus Kuntze $\$ 1$. GOODRICHII auntze 25 c . to $\$ 1$.
Var. C Espi i'OSUS. Fine clusters. $\$ 1$ to $\$ 3$. GRAhAMII Kuntze. 20c. to 50c.
HALEI Coulter. A beautiful cereuslike plant with long, straight, chocolate brown spines, with bright scarlet flowers and fruit; very attractive. $\$ 1.50$ to $\$ 5$.

LASIACANTHUS Kuntze. 50c.
LEON TIS (Mamillaria leona.) 50c.
MACROMERIs Kuntze. 30c.
MICR MERIS Kuntze. 50c.
Var. GREGGII Kuntze. 75c.
MINIMUS. 25 c .
RADIANS Kuntze $\$ 1$.
RADIOSUS ALVERSONI Coulter. $\$ 1.50$.

STELLATUS Wild. var. Texanus Coulter. 15c. TETRANCISTRUS (M. phellosperma). $\$ 1$ to $\$ 5$. TUBERCULOSUS Kuntze. 30c. to $\$ 1$ for fine clusters.

> CEREUs.

COCHAL Orcutt. A new tree-like species. \$2.5u; cuttings, \$1
E.M. RY: Engelm. Velvet cactus, very pretty. ${ }^{50 \mathrm{c}}$.

ERUCA Brandeger. 'Chilenola." A beautiful new cactus, pro-trate, with uplifted heads and prominent reflexed spines, giving the plant a resemblance to huge caterpiliars. 1 to $\$ 4$.

GIGANTEUS Fingelm. Giant cactus. $\$ 2$.

GUMMOSUS Engelin. "Cordwood cactus, ' a large species with black spines, pro-: ducing the edible fruit known as "pitaya agria." $\$ 2$.

PRINGLEI Watson. "Cardon," a new giant species from Mexico, where it torms considerable fo ests in desert regions. Small plants, $\$ 5$; a foot hi $\mathrm{h}, \$ 10 ; 18$ inches to 2 ft . at $\$ 15$.
TRIANGULARIS Mill. "The Strawberry Pear.' Cutting +15 c .; roots, 50 c .
(Subgenus Echinocereus.)
BERLANDIERI Engelm. Beautiful magenta fls 25 c .

CÆESPITOSUS Engelm. Lace cactus. 25 c . to 50 c .

CHLORANTHUS Engelm. Well known. 35c. to \$1

Var. C.ESPITOSUS forma nov. Fine clusters. $\$ 1$ to $\$ 2$.

Var. MONSTROSUS. We have an elegant specimen at $\$ 10$.

We have a few plants of a beautiful red spined form at $\$ 1.50$ each; very distinctive.

DASYACANTHUS Engelın. A superb species with large showy orange yellow flowers Fine specimens at $\$ 1$ to $\$ 3$.

ENGELMANNI Parry. A favorite Californian, very variable. 50c. to $\$ 1$; some beautiful clusters at $\$ 1$ to $\$ 5$.

Var. ALBISPINUS. Flexuous ivory white spines. $\$ 150$.
Var. CHR YSOCENTRUS. Canary yellow colo ed spines. $\$ 1.50$.

Var. VARIEGATUS. Black and white spined form. $\$ 1.50$.

ENNEACANTHUS Engelm. A popular sort, with large magenta flowers. 25 c .

MARITLMUS. Very rare in collections. $\$ 15$ ?

MOJAVENSIS Engelm. Occurs in almost inaccessible mountain canyons in the Mohave desert region, famed far and wide for its blood red blossoms. The clusters of hundreds of heads form a very symmetrical plant like a cushion of green satin filled with needles. We offer single heads at $\$ 2$; and elegant clusters at from $\$ 2.50$ to $\$ 100$

PECTINATUS Engelm. 25c.
POLYACANTHUS Engelm. $\$ 2$.
RIGIDIsSIMUS. Rainbow cactus. 50c (Subgenus Echinopsis.)
EYRIESII. 50c.
MULLERI. 25 c . to $\$ 1$. (Subgenus PILOCEREUS.)
SARGENTIANUS Orcutt. A ner "Uld Man ractus," introduced this season by us, which all collectors will be glad to secure. $\$ 3$ to $\$ 12$.

## COTYLEDON

(Popularly known as Echeverias.)
ATTFNUATA Watson. New, much like dwarf C. edulis. 20 c.

DEsMETTIANA Hemsley. Mexico. $\$ 1$
EDULIS Brewer. The curious round leaves eaten by Indians for salad. 20c.

LANCEOLATA Benth. \& Hook. 25e.
LINFARIS Greene. New, nearly allied to the last. 30 c .
ORRICULATA L. Old fashioned but good, with large pendulous orange colored flowers 50 c . to $\$ 1$.

PULVERULENTA Baker. Large, elegant in form when well developed, the leaves covered with thick white powder 25 c . to $\$ 2$.
SECUNDA GLAUCA. Excellent for borders 5 c . to 10 c .

SEMPERVIVUM Bieh. Very beautifui sort. 50 e

## ECHINOCACTUS.

CAPRICORNIS Dietr. Mexico. 50c.
CYLINDRACEUS Engelm. A beautiful cactus found in remote parts of the Colorado Desert, with brilliant colored spines; very small plants, 50 c ; larger ones at $\$ 1$ to $\$ 18$.

Var. ALbispinus Heiden. $\$ 5$.
Var. BICOLOR Heiden. $\$ 7.50$
Var. RUBRISPINUS. \$5
EMORYI var. CHRYSACANTHIS. A remarkable new form, often taken for $E$. Grusoni, the plaut completely enveloped with a ne work of twisted yellow -pines; flowers clear satiny orange, or sometimes with crimson midvein Very small p ants, $\$ 1$; larger ones, $\$ 2$ to $\$ 8$.
We have another fine unnamed variety, with climson flowers, at $\$ 1$ each.

HORIZONTHALONIUS L.em. 50 • to $\$ 1$
INTERTEXTUS var. Dasyacanthus Engelm. \$1.

LECONTEI Engelm. Fine plants. 50c. to $\$ 4$.

McDOWELLI Rebut. A very beauti ful small species, much like a Mamillaria, thickly set with bright straw colored spines. $\$ 2$

ORCUTTII Engelm. 50 c to $\$ 2$.
POI,YCEPHALUS Enselm, $\$ 2$ to $\$ 5$; fine clusters, $\$ 8$ to $\$ 25$.

VIRIDESCENS Nuttall. Very variable. 25 c . to $\$ 1$.
WISLIZENI Engelm. $\$ 1$ to $\$ 4$.
WRIGHTII A beautiful Texan form of E. uncinatus, very rare. $\$ 2$ to $\$ 3$.

## (Subgenus ASTROPHYTUM.)

MYRIOSTIGMA. Bishop's Hood. 75c. to $\$ 1$.

## EUPHORBIA.

LACTEA. A pretty African plant. 25e. FURCRAEA.
GIGANTEA Vent. One of the most ornamental of scenic plants. 25 e.

## HAWORTHIA.

MARGARITIFERA Haworth. A very pretty African plant, the leaves covered with pearl-like protuberances. "Aloe minor stricta" of gardens. \$1.

## KALANCHUE.

CASSIOPEGA.) These are pretty greenGLAUCA. tender. 25 c the crassula; considered tender. 25c

## LOPHOPHORA Conlter.

WILLIAMSII var. LEWINII Coulter. 25c. to 50c. (Auhalonium Lewinii.)

> MaMmillaria Haw.

See cactus.
OPUNTIA.
arenaria...... ................................. \$ 25
basiiaris...................................... 25
bernardina ............................ 25
Bigelovii................................ 25
camanchica............................ 25
chlorotica.................................. 50
cylindrica ..... ......................... 35
dulcis.. .................................... 50
echinocarpa ....... ......................... 20
Enge!manni ...................................... 15
Ficus-Indica: Indian fig..................... 25
glaucophyila .. .... ................. 25
Grahamii .......... ......... ............... 25
leptocauis (frutescens) .................... 10
lurida. . ................................... 25
microdasys .... ........................ 25
prohifera.................................. 15
serpentina. . ............................... 15
senilis . .... ......................... ${ }_{25}$
subulata (Pereskia subulata) ................. 50
tenuispina.
tessellata.......................
var. DENUDATA ...... .................... 50

"Cows tongue," large flat joints .............. 25
"Mammoth's tongue,' very large joints . 75
No. 2337: beautiful spines; cuttings. ...... 75
Eight unnamed varieties, the set for $\$ 2$; each 25

## PHYLLOCACTUS.

ACKER.MaNNI Haw. King cactus, flowers bright red. 25 c .

KAMPMANNI. Flowers larger and brighter. 50 c .

LATIFRONS Zuce. Queen cactus. 25 e .
WRAYI. Very large white flowers. 75 c .

## YUCCA.

BACCATA Turrey. Small plants. 15c.
BREVIFOLIA Engelm. $\$ 1 ; 5$ feet high, $\$ 10$
PERUVIANA. $\$ 2$ each for fine plants.
WHIPPLEI T. \& G. 15c. to $\$ 1$.

## TREES, SHRUBS, AND FLOWERING PLANTS.

Piants marized 1 are entirely hardy upon the Pacific coast and in Florida.
Plants marked 2 will endure with trifling protection through the Gulf States.
Plants marked 3 hardy north and east.
Plants marked 4 strictly stove or greenhouse plants.

## ACACIA.

1. DECURRENS. The true tan bark "wattle." Our stock is authentic--not mixed with the almost indistinguishable A mollissima and A dealbata 20 c . each. $\$ 1.75 \mathrm{p}$ गr 10 .
2. MELANOXYLON. "Blackwood." Splendid avenue or street tree 20 c . each, $\$ 1.75$ per 10 .
3. NERIIFOLIA. Perpetuai flowerer. 20c. each, $\$ 1.75$ per 10 .
4. LONGIFOLIA. Suitable for
I. TRINERVATA. s planting on shifting sands. 20c. each $\$ 1.75$ per 10 .
Where extensive plantations of Acacias are to be made we can make special rates by 100 and by 1000 .

## ADENOCARPUS.

2. ANAGYRUS. Dwarf evergreen shrub from Teneriffe, bearing crowded racemes of yellow flowers. 25 c.

> ALBIZZIA.

1. SALIGNA. Robust grower. 20 c . each, $\$ 175$, er 10 .

ANANAS.
1 sATIVUS. "Pineapple." Ked Spanish, the hardiest. 4 each, $\$ 350$ ver 10 . Sugar Loaf More tender, choicest of frults, Porto Rico 75 : each, $\$ 7$ per 10.
Now fruiting in many localities in South California. Can supply pot grown or splendid stock from open ground.

## ANONA.

1. CHERIMOLIA. A very large fruited variety of this luscious tropical fruit from Guatemala 50 c ,

## ANTIGONUM.

2. LEPTOPUS. A lovely pink flowered Mexican climber; old, but two little known Now spontaneous in some very cold tocalities in Texas The top is killed down by the slightest frost, but is renewed from its perennial root next summer. Trained upon trellis for pot culture in the north, it makes a sp'endid acquisition to, the greenhouse. 50 c

## ASTRAGALUS.

3. VULPINUS A dwarf Siberian evergreen "Vetch;" a compact, handsome and hardy perennial. 15c.

## BAU Hinia.

1. ACUMINATA. Indian shrub with bold milk white flowers. 511 e . each, $\$ 4.50$ per 10 .
2. PURPUREA. Indian shrub with very large reddish fluwers. $\$ 1$ each, $\$ 9$ per 10 .
3. TOMENTOSA. Indian shrub with very large yellow flowers. $\$ 1$ each, $\$ 9$ per 10

## BOCCONIA.

2. CORDATA. Stately plant oi Ci,inese origin; a striking decorative subject of the first class; broad palmate leaves of a metallic glaucous green, and buff colored flower-; requires little if any protection in the south. 5uc.
BIGNONIA.
3. TWEEDIANA. A royal climbing plant, too little known: of profuse inflorescesce. the individual flowerets brilliant yellow, of the size $a$ nd texture of an allamand $r$. 50 c .
4. VFFNUSTA. An old favorite; winter blooming. $\mathrm{b}_{\mathrm{c}} \mathrm{e}$.

## CALODENDRON.

1. CAPENSIS. A grand Proteaceous tree from the Cape, of rapid growth and reputed to flower early. $\$ 1$

## CASUARINA.

1. GLAUCA. 20 c. each, $\$ 1.50$ per 10.
2. SUBEROSA. 20c. each, $\$ 1.50$ per 10
CASUARINAS are trees of graceful habit, phenomenally rapid growth, and well adapted for planting on sandy wastes. Make quick and excellent fuel and shelter. We can furnish in large quantities at reduced rates.

## COPROSMA.

1. BAUERI. The very best variegated half hardy shrub extant. Brilliant yellow and dark green foliage, lustrous and shining at all seasons. The very best forms of Euonymus are dull and incomparable to it. 35c.

## CHORIZEMA.

## 1. ILICIFOLIUM. 50c.

1. VARIUM. 40c.
2. LAWRENCIANUM. 50c.

CHORIZEMAS make pretty and easy subjects for culture in pots under glass, or planted out in temperate latitudes The whole plant becomes aglow with scarlet, coral red or orange red blossoms, in the summer and early spring.

## CLIANTHUS.

2. PUNICEUS. "Parrots' Bill." Vigorous red flowered climbing plant. 25 c.

## DRAC ENA.

4. TERMINALIS. Splendid, high colored specimens. 75.. each, $\$ 6$ per 10 .

## EUCALYPTUS.

2. COCCIFERA. Two Alpine species,
3. URNIGERA. i the hardiest known. 25". each, $\$ 2.25$ per 10.
4. LEUCOXYLON. Very hardy, re-
5. GUNNII.
f puted to thrive in southern Texas. 15c each, $\$ 1$ per 10
6. ROSTRATA. $\}$ Standard timber
7. GLOBULUS. $\}$ sorts. $\$ 1.25$ per 100 , $\$ 10$ per 1000 .
8. POLYANTHEMOS. The best
9. CORYNOCALYX. $\int$ and most ornamental of the round leaved sorts 15 c . each, \$1 per 10 .
10. FICIFOLIA Crimson flowered, tender species. 35c. each, $\$ 3$ per 10 .
11. CALOPHYLLA. White flowered, tender species. 3īc. each $\$ 3$ per 10 .
These two latter, are par excellence the flowering gums. Their inflorescence is brilliant and conspicuous.
12. MELLIODORA. Rare and
13. MACRORHYNCHAS little known species. 20c. each, 81.50 per 10

## EHRETLA

1. ACUMINATA. Small evergreen Indian ihrub, bea, ing small white flowers of intense honey-sweet fragrance. \$1.

EUPHORBIA.

1. HETEROPHYLLA. Probably hardy in the south. 25 e.

## EXACUM.

4. AFFINE. Dainty, little Gentianlike plant, with pretty marbled leaves, and delicately scented purplish flowers. 25 c .

## ERITHEA.

2. EDULIS. "Guadalupe Palm." Of equal decorative value to Latania Borbonica, nuch hardier and of far more rapid development. Smail seedlings, 20 e each, $\$ 175$ per 10 Fine plants, five to six leaves, $\$ 1$ each, $\$ 9$ per 10 .

> HUMEA.

1. ELEGANS. Australian Compositæ. A perennial plant of great scenic value. Large plante only 75c.

## HAKEA.

1. SUAVEOLENS. $!$ Two beautiful
2. SALIGNA. $\int$ evergreen Proteaceous hrubs The first, of distinctive merit on account of its comb-like foliage The other, a glory of rosy pink, large "pompons" of flowers through the summer. 50c.

## INCARVILLEA.

3. OLGE. A dwarf Central Asian evergreen shrub, having a profusion of rosy pink trumpet shaped flowers. 25 .

## HYPERICUM.

3. CALYCINUM. Siberian. "St. Peter's Wort.' Flowers yellow, large and showy. 25 c .

## LATHYRUS.

2. sPLENDENS. A magnificent, crimson flow-red, per-nnial California sweet pea. See Watson's glowing enconiums in his London letter to "Garden and Forest"- vol. 7, p. $274 \quad 50 \mathrm{c}$

## LOTUS.

1. JACOBEUs. An . ld, but little grown plant, worthy of very keneral culture. Of graceful, dwarf habit, and covered all summer with intense velvety brown-almost black, flowers. 35 c .

## LUPINUS.

1. DOUGLASII. A shrubby, California species, that at the age of two years, flowers almost continuously throughout the eas. Meritorious also by renson of its adaptability to a 1 soils and situations. 35 c .

## PLECTRANTHUS.

1. FRUTICOSUS. A compact and elegant Labiate shrub from the Cape, with blue flowers. For pot or outdoor culture. 40c.

SESBANIA.
4. GRANDIFLORA ALBA.) Superb
4. GRANDIFLORA RO-EAS 1 eg u minous flowering shrubs. \$1 each.

## SUTHERLANDIA.

1. SPECTABILIS. "Scarlet senna." Showy leguminous shrub, free flowering habit. 50 c . SWAINSONIA.
2. GRAYANA. $\}$ Pretty and well
3. FERNANDINA. $\int$ known, for florists use. 25 c.

## STEPHANOTIS.

1. FLORIBUNDUS. Strong plants of this aristocratic creeper, 50 e .

## WIGANDIA.

i. CARACASANA.? Unequaled for 1. MAGNIFICA. S scenic, sub-tropical gardening. 20c.

## SEEDS.

(Price per packet, 25 c; five packets for \$1.)
Acanthus lusitanicus
Anarrhinum algericum
Anastatica hiero hontica
Anchusa italica
Borago caucasica
Calendula officinalis fl pl.
Campanula altaica

> ". attica
> " carpatica

CUPRESSUS GUADALUPENSIS. The $b$ ue cypress, a beautiful tree.

EMMENANTHE PENDULIFLOR \&. "California Yellow Bells."

EsCHSCHOLTZIA CALIFORNICA. The State flower of California.

MINA LOBATA. The Ala de Perico of the Mexicans. Grow this creeper in you" window next winter.

NOLINA BL + ELOVII. A large liliaceous plant of desert regions

PAPAVER CALIFORNICUM. Beautiful Chi-nese-red flowers.
VIOLA PEDUNCULATA. The yellow Californian "Peach Violet" is worthy of a trial.
YUCCA BREVIFOLIA. The "Yucea palm" of the Mohave desert.

## CHOICE BULBS AND ROOTs.

agapanthus umbellatus. The blue African lily or love flower. 50 c .
AMARYLLIS BELLADONNA Good bulbs 25 c each, $\$ 2.50$ per dozen.

BOUSSING A ULTIA BASELLOIDES. The migno ette or Madeira vine is nice for indoors 10 c .

FuEESIA KEFRACTA ALBA, 25c, per duz. for large bulbs.
HESPEROCALLIS UNDULATA. he Day Lily of the Desert bloomed with us this season, and we wish all our friends might have the pleasure of seeing it-for it de erves all the praise it has received. Bulbs 50c and $\$ 1$ each, according to size.

HOUTTUYNIA C + LIFORN CA. The Spanish Yerba Mansa is much $v$ lued abroad and we would like to introduce it in American homes. $5{ }^{\circ} \mathrm{c}$.

RICHARDIA + FRICANA. Large calla bulbs. 10 and 15 c .

SELAGINELLA PILIFERA. A curious reurrection plant from Mexico. 15 c

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