

FALL 2018 PLANT LIST – 09/24/18

MILES' TO GO - P.O. BOX 6 - CORTARO, AZ 85652 - 520-682-7272 - FAX 520-682-0480

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INFORMATION POLICY: We do not share or sell our mailing or emailing information with anyone.

ORDERING INFORMATION

Shipping Charges: Please use chart below to calculate shipping charges for your order.

For orders under \$25 - add \$15.00 for shipping by Priority Mail

For orders from \$25 to \$49.99 - add \$10.00 for shipping by Priority Mail

For orders \$50 and over - free shipping by Priority Mail

Express Mail will be billed for the exact amount, contact us if you are paying by check or money order.

Catalog Number: Please include the catalog number which appears with each plant entry in order to speed up the processing of your order.

Email Orders: At the current time we do not have a secured server and do not recommend emailing credit card numbers. If we have your credit card number on file, email us your order and include just the last 4 digits and exp. date of your credit card as verification. You may email your order and we will hold it for you until we receive payment information (via phone, fax or mail) .

Fax Orders: You may fax your order to 520-682-0480 at any time.

Foreign Orders: We cannot ship outside the United States and her territories.

Minimum order: We have no minimum order but there is a shipping charge for some orders (See Shipping Charges.)

Payment: We accept checks, money orders, Discover, Mastercard, Visa, and American Express.

Paypal: We now accept Paypal payments.

1. Do not send paypal payments for your order until we confirm the total cost and availability of the items.

2. Once we have your order and shipping information you will be emailed an invoice and billed with paypal.

Plant Size: Unless otherwise specified, the plants will fit into the pot size indicated.

Phone Orders: (520-682-7272) We try to be available for phone orders from noon-5pm Mon-Fri. We are often available more than that, but avoid calling before 7am or after 7pm.

Plant lists and mailings: We do 3 major updates of the web site per year and send out our plant lists at that time.

Processing Time: We try to pull the plants for your order within a day of receiving it and process and ship within a week. We ship on Monday and Tuesday so that the order will arrive in that week. If you do not receive your order within four weeks of sending it, please notify us -- the United States Postal Service is not infallible.

Sales Tax: For orders by Arizona residents or shipped to Arizona please add 6.1% for state sales tax.

ORDERING INFORMATION

Shipping Charges: Please use chart below to calculate shipping charges for your order.

For orders under \$25 - add \$10 for shipping by Priority Mail

For orders from \$25 to \$49.99 - add \$5 for shipping by Priority Mail

For orders \$50 and over - free shipping by Priority Mail

Express Mail will be billed for the exact amount, contact us if you are paying by check or money order.

Shipping and Weather: While we ship all year and pack the plants to protect them from some cold, we cannot guarantee that they will not be damaged from prolonged freezing temperatures. If you order during the winter months, take your weather conditions into consideration.

Postal Carrier Release allows the postal carrier to deliver a large parcel to your residence when they would not otherwise.

Substitutes: We do our best to provide the plants you order, but some quantities are limited. If you list substitutes we can select plants of equal or greater value; or if you prefer, we can give you credit toward your next order or a refund. If you are paying by credit card, you will be charged only for the plants that are available.

When Your Order Arrives: After bare-rooting your plants, we allow a day or so for the roots to heal before packing them. They will be ready to pot as soon as it is convenient for you. When you receive your order, unpack it immediately. If any plants are damaged, please notify us. (WARNING- Cacti and succulents are dangerous if treated improperly. Plants in the Euphorbiaceae and the Apocynaceae have irritating or toxic sap. Many of the succulents are armed with an array of spines, thorns, and other protective structures which can cause physical injury. The customer assumes all responsibility for handling our plants with care.)

A WORD ABOUT GRAFTED PLANTS

We produce all of our own grafts and are always trying to improve them. We prefer *Harrisia jusbertii* & *Stenocereus griseus* for grafting cacti because they are long lived and have a longer growing season than many other species. There is no universal grafting stock, however, so we will be using other species that are found to be superior for specific applications. By grafting we can provide you with rare plants at a reasonable price.

CACTACEAE - CACTUS FAMILY

* = only advertised on the web site due to limited quantities

G-SG = grafted on *Stenocereus griseus* G-HJ = grafted on *Harrisia jusbertii* RC = rooted cutting

Ancistrocactus - See *Glandulocactus*

ARIOCARPUS fissuratus ssp. *fissuratus* NEW (LIMIT 5) - #5094 - 1" seedling - \$7.00 - rosettes of rough dark green triangular tubercles, crown becomes wooly with age, pink flowers in fall when mature

A. fissuratus ssp. *hintonii* NEW (LIMIT 3) - #6901 - ¾" seedling - \$7.00 - pebbled green tubercles are longer than wide on juvenile plants, smaller growing than ssp. *fissuratus*, pink flowers in fall when mature

A. kotschoubeyanus ssp. *kotschoubeyanus* NEW (LIMIT 5) - #5439 - ½"-¾" seedling - \$7.00 - dwarf rosette of triangular green tubercles on thick carrot-like root, large pale pink flowers, forms large plant in 15-20 years

A. retusus ssp. *retusus* v. *furfuraceus* - from Las Tablas, when mature the fat gray tubercles of this form often grow to be as wide as they are long, occasionally wrinkled surface, white flowers sometimes with a blush of pink

#5098.2 - 2¼"pot - \$7.00

*#5098.4 - 2½"-3" plant - \$15.00 (LIMIT 4)

A. retusus ssp. retusus San Raphael form NEW (LIMIT 3) - #6898 - 1"seedling - \$7.00 - small-growing form with narrow gray tubercles, large white flowers when mature, only grows to about 6" when mature

ASTROPHYTUM capricorne NEW (LIMIT 5) - #5448 - 2¼"pot - \$5.00 - round green stem becomes columnar with age, dense white flecking, thin curled brown spines, large yellow flower with orange center when mature

A. capricorne v. senile fma. aurea NEW (LIMIT 5) - #9090 - 2¼"pot - \$5.00 - round green stem becomes columnar with age, sparse white flecking, fairly dense curly golden spines, large yellow flower with orange center when mature

A. myriostigma - #9673 - 2¼"pot - \$5.00 - (N of Las Palomas, SLP, MX) from the habitat of Turbinicarpus jauernigii, 5-ribbed stem with fine dense white flecking, yellow flowers.

A. myriostigma "columnare" - #9635 - 2¼"pot - \$5.00 - rarely offered, upright thin stems bear many small yellow flowers along the ribs when mature

A. myriostigma "nudum" - #5451 - 2¼"pot - \$5.00 - five ribs, dark green body with little or no flecking, yellow flowers

A. myriostigma "quadricostatum" - #7857 - 2¼"pot - \$5.00 - four ribs, dark green body, dense white flecking, yellow flowers

A. myriostigma 'tricostatum' (LIMIT 5) - #7812 - ~1"seedling - \$6.00 - three ribs, dark green body, dense white flecking, yellow flowers

*A. myriostigma "strongylogonum" - #9446 - 2¼"pot - \$5.00 - nice clean 5-ribbed seedlings with dense fine flecking, can grow to fill a 6" pot

A. ornatum NEW (LIMIT 5) - #5112 - 2¼"pot - \$5.00 - largest of the genus, columnar green stems to 3' tall, lightly flecked, stiff straight tan spines, yellow flower when mature

AZTEKIUM ritteri NEW (LIMIT 5) - #6962 - 1"offset grafted on Myrtillocactus - \$10.00 - rare dwarf Mexican species, green stems with sparse short brown spines, crown wooly with age, small pink flowers

*CHAMAECEREUS 'Debbie Tucker' NEW (LIMIT 3) - #8415 - 2¼"potRC - \$4.00 - small heavily clustering light green stems, small bright orange flower with pointed petals

C 'Fire Chief' - #5163 - 2¼"potRC - \$4.00 - rooted cuttings, stout light green stem, short light spines, 1"+ orange flowers

*C. 'Kawinai' - #7583 - 2¼"potRC - \$4.00 - rooted cuttings, thin green stems, short light spines, small bright yellow flowers

*C. 'Lollipop' - #8413 - 2¼"potRC - \$4.00 - rooted cuttings, thin green stems, dense brown tipped spines, bright red flowers

*C. 'Rhinemaiden' - #9227 - 2¼"potRC - \$4.00 - rooted cuttings, soft light green stem, dense light spines, dark red flowers

*C. 'Ragged Robin' - #8418 - 2¼"potRC - \$4.00 - rooted cuttings, green stems, dense light spines, red flowers

*C. 'Uncle Arthur' NEW (LIMIT 3) - #7582 - 2¼"potRC - \$4.00 - rooted cuttings. fat green stems, short light spines, large dark reddish flowers

*COIAPOA hypogaeae (LIMIT 3) - #7653 - 2¼"pot - \$5.00 - low soft brown to olive body with thick taproot, short black spines, yellow flowers, flowering size

CORYPHANTHA greenwoodii - #8542 - 2¼"pot - \$4.00 - round shiny green stem wrapped in dense heavy golden spines, yellow flower when mature

C. maiz-tablesensis - #8061 - 2¼"pot - \$5.00 - low rounded dark shiny green stem with large tubercles and 4-5 black-tipped tan spines held close to the stem, thick taproot, light yellow flower when larger

*C. pussiflora - #8834 - 2¾"pot - \$5.00 - (=C. pseudoechinus ssp. pseudoechinus) Sierra de la Paila, small-growing clustering stems, short erect yellow spines, many small pink flowers in summer

*ECHINOCEREUS brandegeei - #8707 - 4"pot - \$9.00 - 1"-thick light green stems with dense erect flattened golden spines, bright pink flowers with red center in summer

E. ctenoides NEW (LIMIT 5) - #9468 - 2¼"pot - \$5.00 - (Melchor Muzquiz, Coahuila, MX) upright solitary stem, short dense white spines held close, large yellow flower that turns orange with age

E. dasyacanthus ssp. rectispinus - #8437 - 2¼"pot - \$4.00 - solitary upright stem, short erect dark spines, 3" bright yellow flowers ages to orange

*E. enneacanthus ssp. brevispinus SB291 - #9544 - 3¼"pot - \$7.00 - upright light green soft stems will form large clusters, tan to brown spines shorter than normal form, large bright purple-pink flowers when mature

E. klapperi - #9437 - 3¼"pot - \$7.00 - green stems with dense erect yellow spines, clusters heavily often from below ground, large red flowers in summer

E. knippelianus ssp. knippelianus - #5288 - 2"pot - \$4.00 - dwarf species with soft matte green stem, sparse erect tan spines, pink flowers borne around sides in spring

E. longisetus - #9545 - 3¼"pot - \$7.00 - upright green stems, long glassy white spines, large pink flowers, makes large clusters

*E. pacificus ssp. pacificus - #5297 - 3¼"pot - \$7.00 - dark green stems with stiff, erect black and white spines, red flowers in spring, makes large clusters

E. pulchellus ssp. acanthosetus - #8126 - ½"seedling - \$4.00 - miniature subspecies, flowering size, low soft green stem, soft white spines held close to stem, thick taproot, 1" dark purple flower, forms small clusters when mature

E. reichenbachii ssp. caespitosus HK1571 - #8530 - 2¾"pot - \$5.00 - small-growing, soft upright dark green stems with short black-tipped white spines, large pink flowers with dark center

E. reichenbachii ssp. baileyi "albispinus" NEW - #5275 - 2¼"pot - \$4.00 - soft upright green stems with dense white spines, light pink flowers in spring, can form small clusters

E. rigidissimus ssp. rubispinus NEW (LIMIT 10) - #5302 - 3¼"pot - \$7.00 - ever-popular solitary stems tightly covered in short pink/red spines, large pink flower with white center

E. rigidissimus ssp. rubispinus 'albiflorus' - #9616 - 2¼"pot - \$5.00 - solitary upright stem with dense spines held close to body, spines are white when young, brownish-orange when mature, flower is pure white

E. subinermis ssp. ochoterenae L771 NEW (LIMIT 3) - #9624 - 3¼"pot - \$7.00 - Cerro Culagua, SIN, MX, gray-green stems with erect red-brown spines to ¾" long, large bright yellow flowers, can form nice clusters

E. viridiflorus ssp. correllii - #8235 - 3¼"pot - \$7.00 - small upright green stem with dense short golden brown spines, greenish-yellow flowers in spring

E. viridiflorus ssp. davisii 'Brevispinus' (LIMIT 3) - #9607 - 3¼"pot G-HJ - \$8.00 - cultivar with very short thick black and white spines, lemon-scented yellow flowers in early spring, offset grafted on *Harrisia*

For other species included in *Echinopsis* also see: *Acanthocalycium*, *Lobivia*, *Soehrensia*, *Trichocereus*

ECHINOPSIS ancistrophora v. kratochviliana - #9610 - 4"pot - \$9.00 - low shiny dark green body, large white flowers

*E. cardenasiana - #6806 - 3¼"pot - \$7.00 - low shiny green body, short curved dark-tipped spines, 2"-3" bright pink flowers

E. 'Maria Piazza' NEW (LIMIT 3) - #7912 - 2¼"potRC - \$5.00 - (Schick hybrid) *Echinopsis*-type dark green body, light colored spines, clusters heavily, large intense pink flowers

E. 'Mellow Yellow' - #7713 - 2¼"potRC - \$4.00 - dark green body with short spines, heavily perfumed long light yellow flowers, clusters heavily

E. obrepanda - #9626 - 2¾"pot - \$5.00 - matte dark green body, short yellow spines, flowers 3½" long and wide, parents' flowers were dark pink but white-flowered offspring do occur

E. subdenudata 'Fuzzy Navel' - #8705 - 3¼"pot - \$7.00 - round matte green stem, spineless fuzzy areoles, long tubed white flowers in summer

EPITHELANTHA micromeris - #5496 - ¾"-1"plant - \$5.00 - low flattened body with dense minute white spines, self-fertile, small white flowers followed by small bright red fruit

*ESCOBARIA tuberculosa - #8325 - 2¾"pot - \$5.00 - upright stem with dense white and gray spines, pinkish flowers

E. vivipara ssp. bisbeeana - #7560 - 3¼"pot - \$7.00 - from SE Arizona, 2"+ stems densely covered with dark-tipped white spines, large pink flowers, can cluster in time

FEROCACTUS acanthodes NEW - #8042 - 2¾"pot - \$6.00 - stems shortly columnar with age, this batch is from parents in NE Arizona and have long dark red spines

*F. glaucescens - #7049 - 2¾"pot - \$5.00 - blue-green body, heavy erect yellow spines

F. glaucescens 'inermis' - #7050 - 2¼"pot - \$5.00 - blue-green seedlings with single spine per areole, mostly spineless when mature

F. herrerae - #9501.4 - 4"pot - \$9.00 - (Guaymas, Sonora) distinctive dark green upright club-shaped stems become round when they mature, hooked brown spines

F. latispinus - #5499 - 3¼"pot - \$7.00 - shiny light green body with heavy sharp ribs, red and white spines, forms heavily hooked stout central spine, purple flower in winter when mature

F. macrodiscus - #5500 - 2¼"pot - \$4.00 - low green stem with curved yellow and red spines, pink flowers with darker midstripe

F. pilosus "stainesii" NEW (LIMIT 5) - #5501 - 3¼"pot - \$7.00 - round green stem as young plant, straight red central spines and many wispy white radial spines, small red and orange flowers when mature

F. robustus - #9571.3 - 3¼"pot - \$7.00 - (Cacaloapan, Puebla, MX) shiny dark green stem, red-brown spines, will cluster in time to 3' or more

F. viridescens v. orcuttii - #9674 - 2¼"pot - \$5.00 - (Valle de Las Palmas, Baja CA) shiny dark green body, stout red spines, greenish yellow flowers when mature

F. viridescens (La Jolla, CA) - #9682 - 2¼"pot - \$5.00 - coastal form, shiny dark green body, stout red spines, greenish yellow flowers when mature

GLANDULOCACTUS crassihamatus (LIMIT 5) - #8198 - 2¼"pot - \$5.00 - (= Ancistrocactus uncinatus ssp. crassihamatus) chunky upright blue-green body, short heavy hooked red and yellow spines, red-brown flowers

G. uncinatus ssp. wrightii NEW (LIMIT 5) - #9600 - 2¼"pot - \$5.00 - (= Ancistrocactus uncinatus ssp. wrightii) (Carlsbad, NM) club-shaped gray-green stem, many long dark tipped hooked spines, reddish-brown flower in spring

Gymnocactus - see Turbinicarpus

GYMNOCALYCIUM andrea - #8441 - 2¼"pot - \$4.00 - low soft dark green stems, minute white spines, large yellow flowers in summer

*G. baldianum - #5505.2 - 2¾"pot - \$5.00 - solitary low dark green stem, sparse white spines held close, large pink to red flowers spring to summer

G. bruchii - #5507 - 2¼"pot - \$4.00 - low clustering light green stems, short soft white spines, pink flowers in spring, hardy to 10F

G. bruchii ssp. matznetteri NEW - #9721 - 2¼"pot - \$4.00 - soft light green stem, soft short white spines on short tubercles, large pale pink flowers

G. cardenasianum - #6670 - 3¼"pot - \$7.00 - round gray-green body, long thick curved tan spines

*G. denudatum NEW (LIMIT 3) - #5508 - 2¾"pot - \$5.00 - low shiny dark green body, wavy tan spines look like a spider flattened on the stem, bright pink flowers

G. freidrichii - #7091 - 2¼"pot - \$5.00 - low red/purple stem with white bands on ribs when young, short erect brown spines, lots of pink flowers in spring and summer

G. horridispinum - #7093 - 2¾"pot - \$5.00 - round green body, erect heavy tan to yellow spines, specimens can fill an 8" pot, pink flowers when mature

G. horstii - #7094 - 3¼"pot - \$7.00 - round green body, lightly covered with semi-erect tan spines, forms large cluster, pink flower, some scars on lower sides

**G. neuhuberi* - #8440 - 4"pot - \$9.00 - round shiny gray-green body, short tan to yellow spines, pink flowers

G. odoratum (LIMIT 3) - #9040 - 2¼"pot - \$4.00 - (= *G. capillaense*) low matte green stem from thick taproot, tan spines held against the body, light pink lightly scented flower, flowering size

G. ragonesei (LIMIT 5) - #6915 - 1"plant - \$4.00 - low brownish stem, short tan spines held flat against stem, white flowers

**G. schatzlium* - #8213 - 2¾"pot - \$7.00 - low shiny dark gray-green body, short semi-erect white spines, light yellowish flowers

G. vatteri - #7725 - 2¼"pot - \$5.00 - slow-growing species, low gray-green stem, 1-3 short thick spines per areole, off-white flowers

Hamatocactus - see *Ferocactus*

HARRISIA jusbertii - #6989 - 3¼"potRC - \$5.00 - good grafting stock, produces slower scion growth than *Steno. victoriensis* with more natural appearance, also nice large white flowers when grown as specimen

**LEUCHTENBERGIA principis* - #5517.3 - 3¼"pot - \$7.00 - odd species is technically a *Ferocactus*, long thin triangular tubercles with tan grass-like spines, large yellow flowers

LOBIVIA aculeata - #8873 - 2¼"pot - \$4.00 - matte green body will cluster when larger, tan spines held somewhat close to the body, small bright red flowers

L. arachnacantha - #7229 - 2¾"pot - \$6.00 - low clustering dark green to brown stems, short gold spines held close to the body, bright yellow flowers in summer

**L. aurea* 'Sierra Grandensis' - #8065 - 4"pot - \$9.00 - low shiny green stem, sparse erect tan spines, large yellow flowers in summer

L. distefanoiana NEW - #8064 - 2¼"pot - \$4.00 - low green clustering stems, short light colored spines held close, large yellow flowers in summer

**L. draxleriana* - #8436 - 4"pot - \$9.00 - low shiny dark green solitary body, short curved red and yellow spines, large dark red flowers borne from sides of the plants in summer

L. famatimensis - see *Reicheocactus*

L. leucomalla NEW (LIMIT 3) - #5687 - 3¼"pot - \$7.00 - (= *L. aurea*) shortly columnar green body with dense shaggy white- and black-tipped spines, large yellow flowers in spring and summer

L. oxyalabastra - #9689 - 3¼"pot - \$7.00 - (= *L. backebergii*) low shiny dark green body, flexible tan to brown spines get longer when mature, bright pink-red flowers in summer

L. purpureominiata - #8435 - 3¼"pot - \$7.00 - (= *L. huascha*?) shiny green stem with dense short erect yellow spines, clusters heavily from base, large reddish flowers

L. winteriana - #7236 - 2¾"pot - \$5.00 - egg-sized and egg-shaped green stem, short tan spines held against body, large shocking pink flowers in summer

L. wrightiana - #5521 - 3¼"pot - \$7.00 - gray-green stems form small clusters, light pink flowers, long flexible brown spines

MAMMILLARIA beneckeii - #8366 - 2¼"potRC - \$5.00 - rooted offsets, dark green body with short black and white spines, hooked central, large light orange flowers, an unusual color for this genus

M. bocasana 'rosieflora' - #5525 - 2¾"pot - \$5.00 - low light green body with dense white hairs and short tan hooked central spines, rings of pink flowers for months in the middle of the year

M. bombycina - #5526.3 - 3¼"pot - \$7.00 - this popular, large-growing species has dense white radial spines, red hooked central spines, rings of light pink flowers in the spring

M. camptotricha cv. marnier-lapostollei - #8434 - 3¼"pot - \$7.00 - low clustering dark green stems with long thin tubercles tipped with stiff curved yellow spines

*M. candida NEW (LIMIT 3) - #6787 - 3¼"pot - \$7.00 - low stems covered in dense interwoven white spines, white flowers in spring

*M. dixanthocentron - #7274 - 3¼"pot - \$7.00 - solitary columnar light green stem, dense golden spines, paired central spines, rings of small peach flowers in spring

*M. glassii v. nominis-dulcis - #7287 - 2¼"pot - \$4.00 - low clustering soft green stems covered with dense glassy white radial spines and short dark hooked centrals, light pink flowers

M. hahniana - #5740.3 - 3¼"pot - \$7.00 - flattened green body covered with dense short white spines and white hairs, rings of pink flowers in spring

*M. luethyi (LIMIT 3) - #8328 - 2¾"pot G-HJ - \$7.00 - ¾" grafted offset, dwarf species from Coahuila, Mexico, minute spines held like little parasol at the tips of thin tubercles, large pink flowers with white center

*M. longiflora fma. stampferi - #6916 - 2¼"pot - \$4.00 - dwarf round green stem, white and brown radial spines held close to body, short hooked central spines, large pink flowers, flowering size

M. longimamma ssp. uberiformis NEW (LIMIT 5) - #7308 - 3¼"pot - \$7.00 - low green stem with huge green tubercles tipped with 5-6 gray-brown spines, 1½"-wide lemon-scented flowers

M. magnimamma "krameri" - #8513 - 4"pot - \$9.00 - dark green body with thick tubercles, curved whitish spines with black tips, pinkish flowers, makes large clusters

M. melaleuca - #7315.2 - 3¼"pot - \$7.00 - thick dark green tubercles, black and white spines, large yellow flowers

*M. melanocentra - #6836 - 4"pot - \$9.00 - flattened solitary matte green stem grows to 6" wide, large dark pink flowers in spring

M. melanocentra ssp. rubrograndis NEW (LIMIT 3) - #5552 - 3¼"pot - \$7.00 - low solitary green stem can fill a 6" pot, erect brown spines, large light reddish flowers in summer

*M. mixtecensis - #9106 - 3¼"pot - \$7.00 - uncommon form of M. mystax, round dark green stem with black spines, central spines can grow to 1" long, rings of red flowers in spring

M. montensis - #5545 - 3¼"pot - \$7.00 - low green stem obscured with dense white radial spines and very long erect red-brown central spines, rings of pinkish flowers

**M. picta* L1063 - #9653 - 1"plant - \$5.00 - dwarf dark green stem, short white and black spines, small yellow flowers, flowering size

M. plumosa - #5549.3 - 3¼"pot - \$7.00 - low soft green stem, dense white feather-like spines, scented yellow flowers, forms large low clusters

M. rhodantha ssp. *mccartanii* NEW (LIMIT 3) - #9148 - 3¼"pot - \$7.00 - solitary columnar stem covered in fairly dense short brown spines, white wool in axils, rings of reddish flowers in spring

M. schiedeana - #5555 - 2¾"pot - \$5.00 - low soft green body from thick taproot, dense soft short golden spines, light yellow flowers, forms low clump

M. sempervivi v. *tetracantha* - #5557 - 3¼"pot - \$7.00 - low dark green stem, 4-5 short brown spines per areole, rings of light pink flowers in spring

M. senilis - #7339 - 2¾"pot - \$5.00 - (= *Mammillopsis senilis*) round green body covered with dense white spines, hooked central spines, huge red flowers in late spring

**M. sonorensis* 'Rio Yaqui Form' - #5540 - 3¼"pot - \$7.00 - (= *M. movensis*) low blue-green stems with short light colored spines, wooly axils and rings of pink flowers in spring, can form large cluster in time

**M. spinosissima* - #5781 - 4"pot - \$9.00 - upright dark green body, dense red-tipped spines, rings of dark pink flowers in late winter

M. thornberi - #7901 - 2¼"pot - \$4.00 - (Picture Rocks, Pima Co., AZ) dark green finger-thick soft stems with dark spines, hooked centrals, large light pink flowers, forms loosely attached clusters

M. viridiflorus - #9589 - 2¼"pot - \$4.00 - (Chihuahua Pines Picnic Area, Santa Catalina Mtns., AZ) solitary soft egg-shaped stem, dense gray and black spines, hooked central, light pink flowers with sharp petals

M. wrightii ssp. *wilcoxii* - #7364 - 1"+seedling - \$5.00 - (Santa Rita Mtns, AZ), soft solitary body, somewhat shaggy white and brown spines, hooked central, huge pink flowers with sharply pointed petals, large green fruit, somewhat difficult

*MELOCACTUS *matanzanus* NEW (LIMIT 3) - #5573 - 4"pot - \$11.00 - dwarf Cuban species, round green body, short curved brown spines, starting to make a cephalium which will produce small pink flowers and fruit

NEOPORTERIA *heinrichiana* v. *setosiflora* - #9457 - 2¼"pot - \$5.00 - from Totoralillo, Chile, round dark green body, erect brown spines when mature, bright yellow flowers on this line

N. multicolor NEW (LIMIT 5) - #7756 - 2¾"pot - \$6.00 - solitary purplish stem is shortly columnar with age, dense curved gray and black spines, bright tubular pink flowers in the winter

N. napina v. *lembkei* - #9473 - 2¼"pot - \$5.00 - small club-shaped purplish body on thick taproot, many short brown spines close to the stem on short tubercles, light yellow flowers

N. senilis NEW (LIMIT 5) - #5578 - 3¼"pot - \$7.00 - solitary, shortly columnar purple-green stem covered in flexible curly white spines, tubular pink flowers in winter

**N. villosa* NEW (LIMIT 3) - #9495 - 3¼"pot - \$7.00 - solitary, shortly columnar purple-green stem covered in erect brown and white spines, short bright pink flowers in winter

NOTOCACTUS agnetae - #7388 - 4"pot - \$9.00 - low green stem, soft curly tan spines, large yellow flowers in spring

N. buiningii NEW - #5581 - 2¼"pot - \$4.00 - light gray-green body, sharp ribs with dark spines with tan tips, large yellow flower in spring

N. herteri ssp. roseoluteus NEW - #7398 - 2¼"pot - \$4.00 - low solitary green stem, short erect chestnut spines, light pink flower with yellow center in spring

N. schlosseri NEW - #5783 - 3¼"pot - \$7.00 - round green stem, erect red and white spines, yellow flowers with dark purple stigma when mature

N. scopa NEW - #9722 - 2¼"pot - \$4.00 - green stem with dense short white spines, some with reddish tips, light yellow flowers in spring

N. turecekianus NEW (LIMIT 5) - #7568 - 3¼"pot - \$7.00 - low dark green stem, yellow spines, long central spines point down, large yellow flowers in spring

*N. warasii - #6923 - 4"pot - \$9.00 - upright shiny dark green stem with yellow spines, yellow flowers when mature, one of the largest in the genus

*OPUNTIA macrorhiza - #8758 - 3¼"potRC - \$7.00 - red flower, green pads with spines at the tips, very cold hardy

O. polyacantha (Idaho, pink flower) - #8757 - 3¼"potRC - \$7.00 - pink flower, spiny green pads, very cold hardy

O. polyacantha (Utah, magenta flower) - #8786 - 3¼"potRC - \$7.00 - magenta flower, spiny green pads, very cold hardy

OREOCEREUS trollii - #5588 - 2¾"pot - \$5.00 - green body covered in dense white hair-like spines, stout brown central spines extend beyond the hair

For other species included in Parodia see: Notocactus

*PARODIA quechua - #7868 - 3¼"pot - \$7.00 - low dark green body, short spines, small dark red flowers

P. sanguiniflora - #7454 - 3¼"pot - \$7.00 - low dark green stem, dense white radial spines, hooked brown central spines, large dark red flowers in early summer

PYGMAEOCEREUS beiblii NEW (LIMIT 5) - #9416 - 1"plant - \$7.00 - (= Haageocereus beiblii) low dark green stem with thick root, very short thick white spines sit atop tuberculate ribs, long tubed white flowers in summer

*REBUTIA heliosa ssp. heliosa NEW (LIMIT 3) - #7477 - 3¼"potG-HJ - \$7.00 - grafted clusters, elongated finger-thick stems covered in dense short silvery spines, large orange flowers

R. krainziana NEW (LIMIT 5) - #9184 - 3¼"pot - \$7.00 - low soft dark green clustering stems, very short spines, large orange to red flowers

R. minuscula ssp. violaciflora - #7485 - 3¼"pot - \$7.00 - low soft clustering light green stems with brittle white spines, large bright pink flowers

R. 'Peach Melba' NEW (LIMIT 3) - #9103 - 2¼"potRC - \$5.00 - finger-thick stems, short grayish spines held close, light pink and orange flowers

R. 'Pink Shadow' NEW (LIMIT 3) - #9099 - 2¼"potRC - \$5.00 - finger-thick stems with short soft white spines, light pink flowers, forms pretty clusters

REICHOCACTUS pseudoreicheanus (LIMIT 10) - #7611 - 1"seedling - \$6.00 - (= Lobivia famatimensis) low soft stem covered with minute tan spines, thick taproot, large bright yellow flowers in summer

SOEHRENSIA korethroides - #9533 - 3¼"pot - \$7.00 - round green stem with stiff erect golden spines, grows to 6" across, 2"-3" red flowers with darker petal tips

STENOCACTUS (Echinofossulocactus) coptonogonus - #5684 - 2¾"pot - \$5.00 - low light green body, few thick sharp ribs, sparse stout spines, white and pink flowers in spring

S. erectocentrus NEW (LIMIT 5) - #9267 - 2¼"pot - \$5.00 - round dark green stem, thick wavy ribs, sparse dark spines with erect central spine, mostly white flowers in spring

S. lloydii NEW (LIMIT 5) - #6922 - 2¼"pot - \$5.00 - green stem covered in dense white radial spines, central spines can grow to 2" long, large pink flowers in spring

SULCOREBUTIA arenacea ssp. candiae NEW (LIMIT 5) - #7512 - 3¼"pot - \$7.00 - low olive green stems from thick root, soft golden/brown spines held close, bright yellow-orange flower in spring

*S. caniquerallii EM348 NEW (LIMIT 3) - #9454 - 3¼"potG-HJ - \$7.00 - grafted clusters, low dark green tuberculate stems with short spines held close, dark orange-red flowers with light orange center

*S. rauschii NEW (LIMIT 2) - #9511 - 3¼"potG-HJ - \$7.00 - grafted clusters, round stems, newer growth is green, older is purple, large intense purple flowers

*S. sp. aff. markusii NEW (LIMIT 2) - #8586 - 3¼"potG-HJ - \$7.00 - grafted, round reddish-purple stem, short chestnut spines held close, large dark purple-red flowers

TEPHROCACTUS weberi - #9326 - 2¾"potRC - \$5.00 - rooted cuttings, elongated green ½"-thick stems, fairly dense white spines, yellow flowers

THELOCACTUS bicolor ssp. bolaensis 'Summer Snow' - #9447 - 3¼"pot - \$7.00 - upright green stem, dense stout erect white spines, this line has almost pure white flowers instead of the typical bicolored flower

T. bicolor ssp. flavispinus (LIMIT 3) - #5601 - 3¼"pot - \$7.00 - low solitary green stem with dense mostly yellow spines held close to the stem, large pink flower with white and red center, one of the types native to Texas

*T. bicolor ssp. pottsii SB77 NEW (LIMIT 3) - #8350 - 3¼"pot - \$7.00 - (Jimenez, Chihuahua MX) low green stem with stout red and tan spines, develops stout central spines, intermediate between ssp. bicolor and ssp. heterochromus, pink flowers in summer

T. bicolor v. schottii (LIMIT 3) - #6986 - 2¾"pot - \$5.00 - upright solitary dark green stem, red and tan spines on thick tubercles, long, flexible tan spines when mature, large pink flower with white and red center, one of the types native to Texas

T. hexaedrophorus - #5602 - 2¾"pot - \$5.00 - low soft gray stem from thick taproot, few heavy white and red spines, large white flowers

*T. lausseri - #6774 - 2¾"pot - \$5.00 - rarely offered, reminiscent of T. bicolor but with small light pink flower, brown and white spines

*T. setispinus ssp. setispinus (= Ferocactus bicolor) - #5514 - 2¾"pot - \$5.00 - dark green stems with thin wavy ribs, thin tan spines, yellow flowers with red center in summer

*TURBINICARPUS beguinii ssp. hintoniorum NEW (LIMIT 3) - #9064 - ¾"plant - \$6.00 - egg-shaped stem, dense erect black-tipped white spines, white flowers with yellow to pink midstripe in spring

T. booleanus - #9194 - 1½"-2"tall seedling - \$6.00 - thin stem topped with rounded head on top of thickened taproot, dense stiff black and white spines, pink flowers in late winter

T. dickisoniae - #5607 - ½"plant - \$6.00 - miniature round stem becomes shortly columnar, dense white radial spines, thin long black central spines, whitish flower, flowering size

T. horripilus v. horripilus - #7774 - 2¼"pot - \$5.00 - green stem covered in dense erect stiff black and white spines, bright pink flower in summer, makes large clusters

*T. klinkerianus (#1) - #5609 - ¾"-1"plant - \$5.00 - low matte green stem, short corky gray-brown spines, yellowish flowers

T. klinkerianus (#2) - #9670 - ¾"plant - \$5.00 - low dark green stem, short corky dark spines, whitish flowers

T. saueri ssp. gonzalezii NEW (LIMIT 5) - #9597 - 1"plant - \$6.00 - (PP1234 Rancho Chapala, TAM, MX) low green stem, short white radial spines held close, longer central spines, large pink and white flowers in spring

*T. schmeidickianus ssp. schmeidickianus (LIMIT 3) - #5611 - ½"plant - \$6.00 - solitary dark green stem with heavy corky black spines, large purplish-pink flowers in spring

*T. swobodae - #5754 - 1"plant - \$5.00 - low shiny green stem, sparse short brown spines, small yellow flowers

T. ysabelae HO776 - #9643 - 1"plant - \$5.00 - Tula, Tamaulipas, MX, round green stem with dense brown tipped yellow spines, white flowers in spring, this is the same batch of plants offered with the Summer 2017 update (the data for them was finally located)

WEINGARTIA neocummingii "trollii" NEW (LIMIT 5) - #8225 - 3¼"pot - \$7.00 - low shiny green body, short erect tan spines, bright flowers should be red or orange but are occasionally yellow

WIGGINSIA pauciarolata NEW - #7869 - 2¼"pot - \$4.00 - (= Wigginsia sellowii) flattened dark green stem with short stout tan spines, wooly crown when mature bears light yellow flowers

CRESTED, VARIEGATED, AND MONSTROSE CACTI

G-SG = grafted on Stenocereus griseus G-HJ = grafted on Harrisia jusbertii RC = rooted cutting

* = only advertised on the web site due to limited quantities

*ARIOCARPUS retusus v. furfuraceus monstrose NEW (LIMIT 3) - #5615 - 3¼"potG-SG - \$8.00 - 1" grafted offset densely covered with wool, can cluster and eventually forms 3" heads with rough tubercles

*ASTROPHYTUM myriostigma 'Onzuka' monstrose crest NEW (LIMIT 3) - #9415 - 3¼"potG-SG - \$8.00 - ½"-¾"-wide fans with dense white flecking, crests fork, making round masses

*Astrophytum myriostigma 'Puff Bonnet' NEW (LIMIT 3) - #9489 - 3¼"potG-SG - \$8.00 - this is not Lotusland but is similar, dense white flecking on stems with 5 ribs, tends to offset heavily from the bottom in cauliflower-like masses, can be grown on its own roots and produces fertile yellow flowers

*Astrophytum cv. 'Super Kabuto Kikko' NEW (LIMIT 2) - #9419 - 3¼"potG-SG - \$8.00 - 1" grafted offset, round lumpy stems covered with large white flecks, will offset heavily

*ECHINOCEREUS reichenbachii ssp. perbellus crest NEW (LIMIT 3) - #9455 - 3¼"potG-HJ - \$8.00 - ½"-wide dark green crest, dense short brown-tipped white spines

*Echinocereus viridiflorus ssp. canus crest (mature spines) NEW (LIMIT 2) - #9461 - 3¼"potG-HJ - \$8.00 - 1¼"-wide green fan, dense long erect red and white spines, very pretty

*Echinocereus viridiflorus ssp. davisii 'Brevispinus' (LIMIT 3) - #9607 - 3¼"pot G-HJ - \$8.00 - cultivar with very short thick black and white spines, lemon scented yellow flowers in early spring, offset grafted on Harrisia

*ESPOSTOA melanostele v. nana crest NEW (LIMIT 2) - #5363 - 3¼"potG-HJ - \$8.00 - 1½"-wide fan with dense white short glassy and long hairy spines

*Espostoa ritteri crest NEW (LIMIT 2) - #5631 - 3¼"potG-HJ - \$8.00 - green 1½"-wide fan, dense short red-tipped spines, longer soft white hair-like spines

*MAMMILLARIA compressa 'Yokan' NEW (LIMIT 3) - #6807 - 3¼"potG-HJ - \$8.00 - tight brain-like mass of ¼"-thick purplish fans with fine short soft white spines

*MYRTILLOCACTUS geometrizzans 'Strictum' crest NEW (LIMIT 3) - #9656 - 3¼"potG-HJ - \$8.00 - ¾" wide blue mostly spineless fans

*WINTEROCEREUS aurispinus crest variegata NEW (LIMIT 3) - #9128 - 3¼"potG-HJ - \$8.00 - ½"-wide fan with dense short soft golden spines, one side is green the other is yellow

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ASCLEPIADS (STAPELIADS) - We are growing so many members of this group that we now list them separately.

Disclaimer: Unfortunately many of the Stapeliads look so similar that they can only be told apart when in flower. Additionally, they hybridize readily. We do our best to make sure the plants offered are what they are supposed to be. We cannot be sure that seedlings from open pollinated seed are pure until they flower. Rooted cuttings are pretty much guaranteed to be correct.

ECHIDNOPSIS cereiformis ERT13 (LIMIT 3) - #9027 - 2¼"potRC - \$5.00 - (McCoy, Eritrea) dark green upright pencil-thick stems with minute tubercles reminiscent of a corn cob, small yellow flowers borne near the stem tips

E. cereiformis (brown-flowered) (LIMIT 3) - #8919 - 2¼"potRC - \$5.00 - dark green upright pencil-thick stems with minute tubercles reminiscent of a corn cob, small brown to orange flowers near the stem tips

*E. nubica ES13556 (LIMIT 3) - #9254 - 2¼"potRC - \$5.00 - ¼"-thick almost smooth upright dark green stems, small brown flowers

FOCKEA edulis (APOCYNACEAE) - #7062 - 3¼"pot - \$8.00 - vining stems with green leaves from warty white tuberous caudex which can grow quite large in time, making an attractive specimen

*HUERNIA bayeri (LIMIT 3) - #8060 - 2¼"potRC - \$5.00 - thin upright green stems, ½" yellow flower with dark purple bits in center

*H. 'Bronx Cheer' NEW (LIMIT 3) - #9470 - 2¼"potRC - \$5.00 - H. keniensis hybrid, 1"+ velvety raspberry-colored flower

*H. erinacea (LIMIT 3) - #7907 - 2¼"potRC - \$5.00 - thin green and maroon stems, tan and maroon mottled flowers with dense short teeth on petals

H. keniensis Barad 11548 - #8969 - 2¼"potRC - \$5.00 - (Lake Naivasha, Kenya) thin green stems, ¾"-wide maroon flowers with dense teeth on petals and throat

*H. keniensis ssp. nairobiensis (LIMIT 3) - #9543 - 2¼"potRC - \$5.00 - green stems with some purple mottling, 1" flower sits on its side or faces down, outside of flower is maroon with lighter bands running up the petals, inside dark maroon with short teeth

*H. pendula (LIMIT 3) - #8807 - 2¼"potRC - \$5.00 - ¼"-thick light green hanging stems with down-pointing dark maroon ¾"-wide flowers

H. schneideriana (LIMIT 3) - #8894 - 2¼"potRC - \$5.00 - upright green stems, ~¾" light liver-colored flower with rough surface, reflexed petals

*H. somalica NEW (LIMIT 3) - #8933 - 2¼"potRC - \$5.00 - short green stems with long teeth and purple mottling, 1" flower with large raised red annulus, yellowish petals

*H. zebrina ssp. zebrina NEW (LIMIT 3) - #9552 - 2¼"potRC - \$5.00 - Twin Ridge, olive-green stems, 1" flower with raised annulus, tan and chocolate brown flower, brown stripes on petals

MATELEA cyclophylla - #5767.3 - 1"caudex - \$8.00 - (=Gonolobus cyclophyllus) Mexican caudiciform with corky tan caudex similar in appearance to Dioscorea, vines in summer with heart-shaped leaves and green or purple flowers

ORBEA comutata x. O. semitubiflora (LIMIT 3) - #9603 - 2¼"potRC - \$5.00 - robust hybrid, light green stems with some purple mottling, nice red flowers larger than O. semitubiflora

*O. semitubiflora (LIMIT 3) - #8930 - 2¼"potRC - \$5.00 - upright purple mottled gray-green stems, clusters of small velvety purple flowers borne at stem tips

PETOPENTIA natalensis - #7659 - 3¼"pot - \$8.00 - brown-skinned teardrop shaped caudex, vining stems with long shiny dark green leaves with purple underneath

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SUCCULENTS (Other than Cacti)

ADENIUM arabicum (APOCYNACEAE) - #6860 - 3¼"pot - \$7.00 - these seedlings were pinched when very small to make them branch, large-growing species from the Arabian peninsula forms low fat caudex with upright branches, large green leaves, small pink flowers

A. hybrid #10 - #8782.3 - 3¼"pot - \$7.00 - these seedlings are still squat with fat bases and roots, (A. crispum x A. arabicum)F2, seedlings quickly fatten and branch and eventually form the low massive caudex of A. arabicum with narrower pointed leaves, some with crisped edges and white venation, flowers are pink with red nectar guides in the throat

A. socotranum - #9541 - 6"pot - \$35.00 - largest-growing of the genus from the isle of Socotra, in spite of this the seedlings start with low round caudex with single upright stem, they only start to thicken when larger, shiny dark green leaves, pink flowers when much larger

ADROMISCHUS cristatus (CRASSULACEAE) - #5020 - 2¾"pot - \$5.00 - rosettes of plump dark green leaves with wavy ends and fuzzy skin

AGAVE guiengola 'Creme Brulee' (ASPARAGACEAE) - #9641 - 4"pot - \$10.00 - light green rosettes with white margins, some pink in strong light, small black teeth on margins of leaves, grows to 3 or 4 feet, will tolerate a little frost

A. stricta nana (Minas Asbestos) - #5057 - 3¼"pot - \$7.00 - rosettes of thin 8"-long gray-green leaves, clusters with age or when the main stem flowers

ALOE 'Crosby's Prolific' (XANTHORRHOEACEAE) - #9109 - 4"pot - \$9.00 - 4"-5" rosettes from dark green leaves with some white mottling, 12"-tall spikes of orange flowers, makes nice compact clumps

A. dichotoma - #5071 - 3¼"pot - \$7.00 - one of the largest tree Aloes, plump bluish leaves with small teeth

*A. 'Doran Black' - #7007 - 3¼"pot - \$7.00 - this old hybrid often sold as Dorian Black, toothy white and green leaves form 4"-6" rosettes and cluster to easily fill 8" pot

A. jucunda - #5077 - 4"pot - \$9.00 - nice clumps, small-growing species, shiny green leaves mottled with white form 3" rosettes on short stalks and cluster from the base, pink flowers on short stalks

A. 'Lizard Lips' - #7577 - 3¼"pot - \$7.00 - old hybrid, dark green and white mottled leaves form 4" upright rosettes, leaves have rough surface

A. 'Midnight' - #7975 - 3¼"pot - \$7.00 - old hybrid, 3"-long smooth narrow leaves from dark green to blackish in strong light, yellowish flowers

A. 'Pepe' - #5070 - 2¾"pot - \$5.00 - (A. descoingsii x A. haworthioides) dwarf hybrid, short dark green leaves with soft white teeth form 2½" rosettes that can fill a 6" pot, small orange flowers

A. 'Pink Blush' - #9123 - 4"pot - \$9.00 - (K. Griffin hybrid) wide green and white leaves, raised ridges and leaf edges are pink, much of the plant will be pink in strong light

A. 'Sparkling Burgundy' - #7976 - 4"pot - \$9.00 - old hybrid, long thin green leaves blush with purple in bright light and form 6" rosettes, this batch has some dried leaf tips on outer leaves

ALOINOPSIS malherbei (AIZOACEAE) - #7894 - 2¼"pot - \$4.00 - rosettes of flattened blue-green leaves with small white bumps on the edges and back, clear yellow flowers

*A. rubrolineata - #7841 - 2¾"pot - \$5.00 - long fat pointed green leaves form a flat rosette from a thickened root, golden flowers mostly have a reddish midstripe

A. rosulata - #7665 - 2¾"pot - \$5.00 - fat soft flattened dark green leaves from thick taproot, yellow flowers with pink midstripes in spring

A. shooneesii NEW - #7569 - 2¼"pot - \$4.00 - clusters of round green leaves will develop thick taproot, golden flowers

ALLUAUDIA procera NEW (DIDIEREACEAE) - #9725 - 3¼"potRC - \$7.00 - rooted cutting, spiny 1"-thick white stem with deciduous dark green leaves

ANACAMPSEOS rufecens (ANACAMPSEROTACEAE) - #6779 - 2¾"pot - \$4.00 - loose rosettes of plump purple and green leaves, bright pink flowers in summer

A. rufescens 'Sunrise' - #5001 - 2¾"pot - \$4.00 - cultivar with smaller leaves and tighter rosettes, leaves blush pink and yellow in strong light, pink flowers in summer

BEAUCARNEA recurvata (ASPARAGACEAE) - #5119 - 3¼"pot - \$7.00 - common Ponytail Palm, from female with very long leaves, seedlings with round base and long green leaves

BIJLIA cana (AIZOACEAE) - #8236 - 2¾"pot - \$5.00 - plump gray-green leaves, yellow flowers, forms small clumps

CALIBANUS hookeri (ASPARAGACEAE) - #6744 - 4"pot - \$9.00 - 2" caudex topped with long thin gray-green grass-like leaves, when mature the caudex develops fissured bark

CERARIA namaquensis (LIMIT 5) (DIDIEREACEAE) - #8428 - 8"tall rooted cutting - \$12.00 - most sought-after species in this genus, Namibian species forms small tree in habitat, difficult to root but not to grow once rooted, gray stem with many small teardrop-shaped light green leaves

CHEIRIDOPSIS aff. pearsonii (AIZOACEAE) - #9514 - 2¾"pot - \$5.00 - Pedros Kloof, NC, South Africa, long thin fleshy bluish leaves form small clusters, clear yellow flowers

*C. denticulata - #5659 - 3¼"pot - \$7.00 - (= C. candidissima) thick soft light blue-green leaves with a tooth or two on the margins make 6" clumps in time, large pale yellow flowers

*C. peculiaris - #9519 - 2¼"pot - \$5.00 - west of Steinkopf, NC, South Africa, gray-green leaves, only 2 pairs of leaves on each growing point per year, outer pair lies on the ground while inner pair stays together pointing upward, during the summer dormant period the outer pair dries up and the inner pair remains as a dry sheath to protect the plant, yellow flowers

C. pulverulenta - #9573 - 2¼"pot - \$4.00 - flowering-size dwarf species, short gray-green leaves form small clumps, slow-growing, ¾"-wide bright yellow flowers

C. purpurea - #9497 - 2¾"pot - \$5.00 - soft light green leaves a little over 1" long make low clusters, large vivid purple flowers in late winter

C. umdausensis - #9515 - 2¾"pot - \$5.00 - Umdaus, NC, South Africa, long green leaves with rough surface form nice clumps, large yellow flowers

CRASSULA falcata (CRASSULACEAE) - #5207 - 3¼"pot - \$7.00 - Propeller Plant, long thick gray-green leaves, when mature produces spray of bright red flowers in winter

DUDLEYA saxosa ssp. collomiae (white) (CRASSULACEAE) - #9671 - 2¾"pot - \$5.00 - Arizona native, winter-growing rosettes of long soft leaves with covering of white bloom, spikes of yellow flowers on red stems in late spring when mature

D. saxosa ssp. collumiae (green) - #9672 - 2¾"pot - \$5.00 - Arizona native, from the same population as above but with shiny soft green leaves, spikes of yellow flowers on red stems in late spring when mature

*EUPHORBIA bupleurifolia NEW (LIMIT 3) (EUPHORBIACEAE) - #5370 - 1"stem - \$8.00 - brown stem looking a bit like a pinecone topped with long green leaves, sexes on separate plants, these are just under flowering size

E. cylindrifolia v. tuberifera NEW (LIMIT 5) - #8255 - 2¾"pot - \$8.00 - Madagascan species, central caudex bears stems with pointed tubular gray-green leaves

E. hedyotoides - #9498 - 4"pot - \$9.00 - Madagascan species, thin sparse bushy stems above ground with narrow green leaves from thick underground root, once a bit more mature the root can be raised for effect, however the root grows faster if buried

*E. iharanae - #9640 - 4"pot - \$10.00 - Madagascan species, grows along the coast near Cap-Manambata (Iharana District), upright light green to purple stems will branch, rows of short curved brown spines on stem, large light green leaves with fuzzy feel, small yellowish cyathia

E. mammillaris variegata - #5418 - 2¼"potRC - \$5.00 - rooted cuttings, upright green ¾"-thick green and white stems, forms clumps in time

E. obesa - 1¼"seedlings, Basketball Plant, almost extinct in habitat but common in cultivation, round green body becomes columnar with age, sexes on separate plants, which sometimes switch

female plants - #5672 - \$5.00

male plants - #5673 - \$5.00

E. stellata - #8867 - 3¼"pot - \$7.00 - thick taproot with dark green flat arms with short paired brown spines on edges, light green bands on stems color to purple in bright light

*E. suzannae (LIMIT 3) - #6796 - 2¼"pot - \$5.00 - seedling with round green stems covered with soft tubercles, sexes on separate plants (these are unsexed), makes nice clusters in time

FAUCARIA tuberculosa (AIZOACEAE) - #7895 - 2¼"pot - \$4.00 - paired fleshy green leaves with teeth at margins, growths from warts to large carbuncles in upper faces of the leaves, large yellow flowers

FICUS petiolaris (MORACEAE) - #5678 - 3¼"pot - \$8.00 - Rock Fig, dark green heart-shaped leaves with red veins, swelling yellow-barked base can be planted over a rock for effect, will drop its leaves if kept too dry

FOCKEA edulis (APOCYNACEAE) - #7062 - 3¼"pot - \$8.00 - vining stems with green leaves from warty white tuberous caudex which can grow quite large in time, making an attractive specimen

FOUQUIERIA columnaris (FOUQUIERIACEAE) - #6743 - 2¾"pot - \$5.00 - Boojum Tree (= Idrria columnaris) largest member of the family/genus, mostly from Baja California, often solitary white trunk grows more than 50' tall, thin spiny side branches with deciduous light green leaves

F. diguettii - #9490 - 3¼"pot - \$7.00 - seedlings of this widespread Ocotillo relative from Southern Baja, coastal Sonora, and coastal Sinaloa, makes large spiny bush, red flowers

F. formosa - #9652 - 3¼"pot - \$8.00 - tree Ocotillo from central to southern Mexico, green-brown stems with shiny dark green leaves

F. macdougalii - #7898.3 - 3¼"pot - \$7.00 - Tree Ocotillo from Sonora Mex, brown and green bark, light green leaves, sprays of red flowers when mature

F. purpusii - #8680 - 12"-18"tall with ¾"-thick caudex - \$35.00 - from Oaxaca MX, conical green and red-brown caudex, grows to 15' tall, narrow green leaves

FRITHIA pulchra NEW (AIZOACEAE) - #6952 - 2"pot - \$4.00 - rosettes of soft rough green leaves with windowed tips, large pink flowers with yellow and white center, just flowering size

xGASTERALOE 'Green Ice' (XANTHORRHOEACEAE) - #9188 - 3¼"pot - \$7.00 - pretty hybrid of *Aloe variegata* and *Gasteria*, chunky upright leaves mottled green and gray-green, rosettes can grow to 6" or more and clusters can fill an 8" pot

GASTERIA baylissiana (XANTHORRHOEACEAE) - #8267 - 2¾"pot - \$5.00 - thick green leaves covered with rough raised gray bumps, spikes of nice orange flowers, make nice clusters

G. ellaphieae - #8096 - 3¼"pot - \$7.00 - rooted offsets, thick dark green leaves mottled with raised silvery bumps

G. glomerata - #9271 - 3¼"pot - \$7.00 - rooted offsets from nice bluish clones, fat blue-green leaves will cluster heavily, bright orange flowers

G. liliputana - #7068 - 2¾"pot - \$5.00 - smallest species, short dark green and white mottled leaves, clusters heavily, spikes of pink and white flowers

G. 'Sakura Fuji' - #9276 - 2¼"pot - \$5.00 - thick white and green leaves, makes nice clusters

G. 'Silver Fuji' - #9150 - 2¾"pot - \$5.00 - thick silvery gray-green leaves sometimes with a bit of purple, occasionally throws a normal offset

GRAPTOPETALUM bellum (CRASSULACEAE) - #5667 - 2¼"pot - \$4.00 - low green rosettes cluster sparingly when mature, bright pink flowers in spring

G. rusbyi - #9535 - 3¼"pot - \$7.00 - Arizona native, rosettes of green leaves cluster to fill 6" pots, branching stalks bear flowers speckled with red

HAWORTHIA attenuata 'Hakucho' (XANTHORRHOEACEAE) - #8371 - 2¾"pot - \$5.00 - thin green leaves with faint yellow striping, raised white bumps, makes large clusters

**H. coarctata* v. *coarctata* - #7114 - 2¾"pot - \$5.00 - 1"+ thick stems of short dark green, curved claw-like leaves with raised white dots, makes nice clumps

**H. cooperi* v. *truncata* (LIMIT 3) - #8041 - 2¼"pot - \$5.00 - Bolo Reserve form, miniature rosettes of round windowed leaves grow to ~1", clusters heavily

**H. decipiens* - #9474 - 3¼"pot - \$7.00 - pretty sure the name is correct, rarely offsets and grows to 4" wide, light green leaves with pointed windowed tips, dense soft spines on edges

H. magnifica v. major (LIMIT 5) - #7133 - 2¾"pot - \$5.00 - dark green leaves frosted with fine white bumps, windowed tips with white markings, rosettes of ~2" will cluster slowly

H. 'Manda's hybrid' - #7179 - 2¾"pot - \$5.00 - bright green pointed leaves make 2½"-wide rosettes, makes 6" clusters with time

H. mirabilis v. calcarea - #8094 - 2¼"pot - \$5.00 - rosettes to almost 3", will form larger clusters, short upright leaves with small teeth on edges, purplish in bright light

H. mirabilis v. mirabilis (LIMIT 3) - #7141 - 2¼"pot - \$5.00 - (= H. mundula) dark green windowed leaves form densely clustering rosettes

H. maughanii x. H. truncata - #7139 - 2¾"pot - \$5.00 - old hybrid, rough windowed leaves are brown in high light, forms nice clusters

*H. resendeana - #7153 - 2¾"pot - \$5.00 - short stout pointed dark green leaves form upright stems that will cluster from the base

H. retusa fma. geraldii - #7157 - 2¾"pot - \$5.00 - heavy dark green leaves with flat windowed top, makes large clusters

*H. retusa v. acuminata - #7158 - 3¼"pot - \$7.00 - thick triangular windowed green leaves form rosettes up to 3", clusters slowly

IBERVILLEA sonorae "peninsulae" (CUCURBITACEAE) - #7191 - 3¼"pot - \$7.00 - this line originally from Baja, CA, forms conical caudex, vining stems with heart-shaped rough light green leaves, sexes on separate plants, small yellow flowers, red fruit

I. tenuisecta - #9690 - 2¾"pot - \$6.00 - from Cochise Co., AZ, underground white-skinned caudex from annual vines bearing heavily dissected green leaves, small yellow flowers and small red fruit, sexes on separate plants, cultivated specimens develop more interesting shapes than the disc shape of wild plants

IDRIA columnaris - SEE FOUQUIERIA columnaris

*JACARATIA corumbensis (CARICAEAE) - #5828 - 4"pot - \$9.00 - caudiciform papaya, forms a bush or small tree with brown bark, thick roots can be raised, shiny green leaves, sexes on separate plants, odd inedible fruit on female plants

KALANCHOE synsepala #2 (CRASSULACEAE) - #9302 - 3¼"pot - \$7.00 - gray-green leaves with wavy toothed edges

LAPIDARIA margaretae (AIZOACEAE) - #7206 - 1"plant - \$2.50 - plump white paired leaves look like they are carved from stone, large yellow flower, leaves emerge at right angles to old

LITHOPS aucampiae (Danielskuil) (AIZOACEAE) NEW - #9440 - ½"-¾"plant - \$2.50 - brown body, fine darker markings on top

L. bromfieldii v. bromfieldii - #4733 - ¾"-1"plant - \$2.50 - brown to tan body, red-brown broken windows on top

L. bromfieldii v. bromfieldii (Upington) - #8533 - ¾"-1"plant - \$2.50 - brown body, fine darker markings on top

L. bromfieldii v. insularis - #7734 - ½"plant - \$2.50 - brown body, brown top with darker brown markings

L. fulviceps C266 NEW - #8602 - ¾"plant - \$2.50 - pinkish body, rusty top with small green dots

L. hookeri v. *elephina* - #9253 - ¾"-1"plant - \$2.50 - purplish-gray body, darker markings on top

L. hookeri v. *lutea* - #8677 - 1"plant - \$2.50 - gray body, orange top with rusty red lines

L. julii ssp. *fulleri* NEW - #7737 - ½"plant - \$2.50 - tan body, darker markings on top

L. karasmontana "Summitatum" NEW - #6885 - ½"-¾"plant - \$2.50 - gray body, bold rusty markings on top

L. karasmontana v. *lericheana* - #7214 - ¾"-1"plant - \$2.50 - tan body, brownish somewhat clear window on top

L. naureniae NEW - #9724 - ½"-¾"plant - \$2.50 - grayish-green body, raised leaf tips bear bold darker green pattern

L. salicola - #7224 - ½"-¾"plant - \$2.50 - dark gray body, olive green top with some gray flecks

MARLOTHISTELLA *stenophylla* (AIZOACEAE) - #9067 - 2¾"pot - \$5.00 - clusters of long thin soft light green leaves, pink flowers in winter

MATELEA *cyclophylla* (APOCYNACEAE) #5767.3 - 1"+caudex - \$8.00 - (=Gonolobus *cyclophyllus*) Mexican caudiciform with corky tan caudex similar in appearance to *Dioscorea*, vines in summer with heart-shaped leaves and green or purple flowers

MESTOKLEMA *tuberosum* NEW (AIZOACEAE) - #6871 - 2¾"pot - \$5.00 - shrubby caudiciform from Southern Namibia and Eastern Cape in South Africa, upright stems with soft light green leaves, clusters of coppery orange flowers, eventually develops underground root with brown skin that can be raised for effect

MOMORDICA *rostrata* (CUCURBITACEAE) - #5746.2 - 2¾"pot - \$5.00 - conical green and white caudex eventually becomes fat and pleated, long thin annual vines with dark green leaves and small yellow flowers, sexes on separate plants

*NANANTHUS *margaretifera* (AIZOACEAE) - #9574 - 2"pot - \$5.00 - rosettes of thick long pointed leaves with whitish dots, small golden flowers, forms thick taproot

PACHYCORMUS *discolor* (ANACARDIACEAE) - #5661 - 3¼"pot - \$7.00 - Elephant Tree from Baja, CA, winter grower with green leaves, peeling white bark when mature, thick root when young, can be trained as bonsai

PACHYPODIUM *bispinosum* (APOCYNACEAE) - #5739 - 2¾"pot - \$7.00 - green stems with narrow green leaves and short tan spines from thick taproot, small bell-shaped pink flower

P. griquense - #8144 - 4"pot - \$10.00 - similar to *P. succulentum* but smaller with ¾" white flowers, just flowering size

P. saundersii - #5741 - 3¼"pot - \$7.00 - caudiciform from southeastern Africa, silvery stem with shiny green leaves in summer, white flowers in fall, can form a large caudex in time

P. succulentum - #7445 - 5"pot - \$10.00 - pencil-thick green stem from thick carrot-like taproot, long narrow green leaves, small brown spines, large pink flowers, flowering size

PETOPENTIA natalensis (APOCYNACEAE) - #7659 - 3¼"pot - \$8.00 - brown-skinned teardrop-shaped caudex, vining stems with long shiny dark green leaves with purple underneath

PELARGONIUM appendiculatum NEW (GERANIACEAE) - #8726 - 2¾"pot - \$4.00 - winter-growing species dies back to underground corm in summer, lacy light green leaves in winter, white flowers in late spring before it goes dormant

PLEIOSPILOS bolusii (AIZOACEAE) - #7462 - 2¾"pot - \$5.00 - fat paired green leaves with minute dots, somewhat bumpy surface, large orange and yellow flowers with coconut scent

*P. nelii - #7463 - 2¼"pot - \$4.00 - fat paired green leaves form round body, unscented orange and white flowers

RABBIEA difformis (AIZOACEAE) - #8209 - 2¼"pot - \$4.00 - keel-shaped short dark green leaves form tight cluster, yellow flower, cold hard to below 0F

TITANOPSIS aff. calcareum (AIZOACEAE) - #8499 - 2¾"pot - \$5.00 - (Ghams, Upington) blue leaves with triangular warty tips form low rosettes

*T. calcareum - #9296 - 2¾"pot - \$5.00 - (35 km NW Brandvlei) low rosette of light blue leaves with warty orangish tips

T. hugo-schlechteri - #7531 - 2¼"pot - \$4.00 - low rosettes of light blue leaves with bumpy orangish tips, light orangish flower

T. primosii - #8237 - 2"pot - \$4.00 - SE Springbok, South Africa, small rosettes of blue-green leaves with warty rounded tips, clear yellow flowers

*TRICHODIADEMA densum NEW (LIMIT 2) (AIZOACEAE) - #6797 - 3¼"pot - \$9.00 - a few nicely grown seedlings available, low-growing stems, gray-green leaves tipped with crown of white spines, thick root that can be raised for effect, bright pink flowers

TUMAMOCA macdougallii (CUCURBITACEAE) - #8526 - 2¾"pot - \$5.00 - native from southern Arizona to Sonora Mexico, mature plants have white underground lobed caudex, annual vines with dissected leaves, small white flowers and red fruit in summer

UNCARINA rooesliana (PEDALIACEAE) - #7798.3 - 3¼"pot - \$8.00 - smallest of the genus, green fuzzy leaves from short upright stem, thick root can be raised eventually, yellow flowers with thin purple lines in throat, already flowering size, odd fruits with hooked spines

U. decaryi - #9095.4 - 4"pot - \$9.00 - upright stems from thick root, large dark green leaves, lighter underneath, dark yellow flower with purple throat, also sold as U. peltata

Miscellaneous Items

BOOKS

The Complete Illustrated Guide to Growing Cacti & Succulents by Miles Anderson NEW - #6156 - \$15.00 - Out of Print incarnation of Miles' book, soft cover, 6½" x 8¾", 256 pages, 700 photographs and 400 varieties covered, signed by the author

MUGS

Caudicipline Coffee Mug - #6119 - \$5.00 - We finally produced another run of this mug, tongue-in-cheek humor: on one side a Botanatrix in her gardening regalia trains a bonsai, on the other "Caudicipline... Raise 'em up & Beat 'em down!"

TOOLS

HEMOSTATS - stainless steel clamps with long locking jaws

10" hemostat (Straight) - #6120.0 - \$6.00 - for more delicate weeding, moving small pots, pushing labels

10" hemostat (Curved) - #6121.0 - \$6.00 - same as 10" straight but with curved jaws

12" hemostat (Straight) - #6120.2 - \$8.00 - Thicker-made than 10", can pick up 8" plastic potted plants

12" hemostat (Curved) - #6121.2 - \$8.00 - same as 12" straight but with curved jaws

16" hemostat (Straight) - #6120.6 - \$12.00 - Very heavy duty, I use them to pull weeds in the garden

16" hemostat (Curved) - #6121.6 - \$12.00 - same as 16" straight but with curved jaws

6" DENTAL LOCKING TWEEZERS - These have fairly fine tips with a locking mechanism built in

6" dental locking tweezer, straight - #6102 - \$2.20

6" dental locking tweezers, curved - #6103 - \$2.20 - 45 degree bend in last ½" or so

FORCEPS - Tweezers by any other name

5½" forceps - #6100.5 - \$1.75 - stainless steel tweezers, fairly blunt tips

8" forceps - #6100.8 - \$2.25 - stainless steel tweezers

10" forceps - #6101 - \$2.75 - stainless steel tweezers

12" forceps - #6101.2 - \$3.25 - stainless steel tweezers

4Pc Set - #6101.5 - \$9.00 - Set with one of each of the above sizes (5½, 8, 10, 12) SAVE \$1.00

TEMPORARILY OUT OF STOCK Magnifying Tweezers - #6124 - \$5.00 - sharp 4½" tweezer, 1¼" magnifying glass, nicer than the old version

Uncle Bill's Sliver Gripper (in tube) - #6106 - \$7.00 - small tweezers come in metal capped clear plastic tube, very precise and handy