

FALL 2017 PLANT LIST – 11/15/17

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

EMAIL miles2g@aol.com - WEB SITE www.miles2go.com

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 confirmed your total, you may make payment to miles2g@aol.com or you can request to be billed through 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 justbertii* & *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 justbertii* RC = rooted cutting

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**ACANTHOCALYCIUM glaucum* - #8115 - 2¾" pot - \$5.00 - bluish-green stem with stout black spines, large bright yellow flowers

A. thionanthum - #9300 - 2¼" pot - \$5.00 - light green body with dense ½"-long straw-colored spines, shortly columnar body and light yellow flowers when mature

**A. violaceum* - #5031.4 - 4" pot - \$9.00 - rounded light green body with short erect tan spines, light violet flower with spiny floral tube, flowering size

ANCISTROCACTUS uncinatus ssp. *crassihamatus* - #8198 - 2¼" pot - \$5.00 - chunky upright blue-green body, short heavy hooked red and yellow spines, red-brown flowers

ARIOCARPUS fissuratus ssp. bravoanus - #8676 - ¾"-1"seedlings - \$6.00 - still rarely available, dwarf with rough narrow dark green tubercles, eventually forms rosette up to 3" in diameter, large pink flowers, just flowering size

A. hybrid #1 - #8527 - 2¼"pot - \$6.00 - (A. retusus x A. agavoides)F2, variable seedlings - tubercles light to dark green, some yellowish, short and fat to long and thin, flowers almost white to purple

A. retusus ssp. retusus v. furfuraceus - #5098.2 - 2¼"pot - \$5.00 - 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

A. retusus ssp. trigonus - #5102 - 2¼"pot - \$5.00 - long curved sharply pointed olive green tubercles, rosettes up to 8" wide, large lightly scented yellow flowers when mature

*ASTROPHYTUM capricorne (Mina, NL) - #9570 - 2¾"pot - \$5.00 - dark green body with dense white flecks, sharp ribs, develops long thin black spines, large yellow flower with red throat

A. coahuilense - #5726 - 2¼"pot - \$4.00 - round five-ribbed body with very dense white flecking, yellow flowers with orange center

A. myriostigma - #5450 - 2¾"pot - \$5.00 - five ribs, dark green body, 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 - 2¾"pot - \$5.00 - five ribs, dark green body with little or no flecking, yellow flowers

A. myriostigma "quadricostatum" - #7857 - 2¾"pot - \$5.00 - four ribs, dark green body, dense white flecking, yellow flowers

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

A. myriostigma "strongylogonum" - #9446 - 2¾"pot - \$5.00 - nice clean 5-ribbed seedlings with dense fine flecking, can grow to fill a 6" pot

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

C. 'Mr. Francis' NEW - #9226 - 2¼"pot - \$4.00 - rooted cuttings, ½"-wide light green stem, light spines, light yellow flowers

C. 'White Peanut' NEW - #7592 - 2¼"pot - \$4.00 - rooted cuttings, thin green stems can be used for hanging baskets, white flowers

COPIAPOA hypogaea NEW - #7653 - 2¼"pot - \$5.00 - low soft brown to olive body with thick taproot, short black spines, yellow flowers, flowering size

C. tenuissima NEW - #5182 - 2¾"pot - \$7.00 - low purplish body with thick tap root, short light spines, yellow flowers, very rare in habitat and uncommon in cultivation, flowering size

CORYPHANTHA pussiliflora - #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

*ECHINOCACTUS platyacanthus - #9583 - 3¼"pot - \$7.00 - (Chapulco, Puebla, MX) largest species of barrel cactus, also slow-growing, seedlings with blue body and stout straight black spines

*ECHINOCEREUS adustus - #5274 - 4"pot - \$9.00 - upright light green stem, dense white and black spines, long stout black central spines when mature, light pink flowers

E. 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. enneacanthus ssp. brevispinus SB291 - #9544 - 2¾"pot - \$5.00 - 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. huitcholensis - #9536 - 3¼"pot - \$7.00 - finger-thick green stems with short black-tipped spines, forms large clusters, large dark salmon flowers

E. knippelianus ssp. knippelianus - #5288 - 2¼"pot - \$4.00 - dwarf species with soft matte green stem, sparse erect tan spines, pink flowers borne around sides in spring

E. lauii - #5291 - 3¼"pot - \$8.00 - rarely available, 1½"-thick stems densely covered in short white spines, can make nice clusters, light pink flowers

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 - 4"pot - \$9.00 - green stems make compact upright clusters, dense stiff black and white spines, bright red flower in summer

*E. reichenbachii ssp. armatus - #7849 - 3¼"pot - \$7.00 - upright solitary green stems with dense white and black radial spines, when mature develops long black central spines, up to 4" pink flowers

E. reichenbachii ssp. baileyi (Altus, OK) - #9328 - 2¾"pot - \$5.00 - upright green stems with dense orange-tipped white spines, large pink flowers with dark center

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. *perbellus* (Crane Co., TX) - #9373 - 2¾" pot - \$5.00 - thin upright dark green stem, short black and white spines, large light pink flowers

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. rusanthus v. *vulpis-caudae* NEW - #5314 - 3¼" pot - \$7.00 - solitary upright dark green stem, erect red and white spines, rusty red flowers in spring

E. subinermis ssp. *ochoteranae* L771 - #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. triglochidiatus v. *gonacanthus* "White Sands form" - #9384 - 3¼" pot - \$7.00 - dark green stems with stout brown and white spines, grows very large, clumps grow over 3' wide, orange flowers

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. weedinii NEW - #9649 - 3¼" pot - \$7.00 - (Jeff Davis Mtns, TX) upright solitary dark green body, erect gold and white spines, yellow flowers in spring

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

ECHINOPSIS ancistrophora v. *kratochviliana* - #9610 - 3¼" pot - \$7.00 - low shiny dark green body, large white flowers

E. calorubra (red flowered) - #9078 - 3¼" pot - \$7.00 - shiny dark green body, short yellow spines, 4"+ dark red flowers

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

**E. 'Los Angeles'* - #5488 - 2¾" pot - \$5.00 - large-growing dark green stems with minute black-tipped spines, 8"-long pink flower opens to 3"

E. 'Mellow Yellow' NEW - #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. Peach Flowered Hybrid* - #7762 - 3¼" pot - \$7.00 - dark green stems with minute black spines, eventually forms clusters to 10" across, peach flowers are 5" long and 3" wide

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 missouriensis ssp. missouriensis - #5577 - 2¼"pot - \$4.00 - (= Neobesseya similis v. robustior) dwarf and fairly cold hardy, low stems with dark green tubercles, light colored spines, large yellow/pink flower and bright red fruit

E. tuberculosa - #8325 - 2¼"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 alamosanus ssp. alamosanus NEW - #7046 - 3¼"pot - \$7.00 - shiny dark green body, stiff erect red and yellow spines

F. glaucescens - #7049 - 2¼"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. hamatacanthus ssp. hamatacanthus - #9362.4 - 4"pot - \$9.00 - N of Rio Grande Village, TX, round shiny green stem, red and yellow spines, long hooked central, large yellow flower when mature

F. herrerae - #9501.3 - 3¼"pot - \$7.00 - & - #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 - #5499.2 - 2¾"pot - \$5.00 - & - #5499.4 - 4"pot - \$9.00 - 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. latispinus (yellow spined) - #5736.4 - 4"pot - \$9.00 - thick stout yellow spines, shiny green stems, flowers are probably yellow

*F. peninsulae - #7057.3 - 3¼"pot - \$7.00 - & - *#7057.4 - 4"pot - \$9.00 - from Baja CA, matte green stem, few thick red and white spines, hooked central spine

F. robustus - #9571.3 - 3¼"pot - \$7.00 - & - #9571.4 - 4"pot - \$9.00 - (Cacaloapan, Puebla, MX) shiny dark green stem, red-brown spines, will cluster in time to 3' or more

*FRAILEA tenuissima v. albiseta NEW - #9650 - 1"seedling - \$6.00 - low dark green body, fairly dense soft white spines (LIMIT 3)

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 - #5505.3 - 3¼"pot - \$7.00 - 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. cardenasianum - #6670 - 3¼"pot - \$7.00 - round gray-green body, long thick curved tan spines

*G. damsii v. rotundulum - #7950 - 2¾"pot - \$5.00 - small low green and purple stems with short tan spines, produces lots of pink flowers

G. freidrichii - #7091 - 2¾"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 - 3¼"pot - \$7.00 - round shiny gray-green body, short tan to yellow spines, pink flowers

G. schatzlianum - #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 justbertii - #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

HORRIDOCACTUS horridus - #9531 - 2¼"pot - \$5.00 - N of Los Molles, Chile, low dark green stem, stout tan spines, flower should be yellowish with reddish midstripe

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 - 3¼"pot - \$7.00 - shiny dark green stems with stout curved yellow spines, clear red flowers in summer, makes nice clusters in time

L. arachnacantha - #7229 - 3¼"pot - \$7.00 - low very dark green clustering stems, short yellow spines held close to stem, many yellow flowers during the summer

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

L. leucomalla - #5687 - 4"pot - \$9.00 - upright green stem, dense short white spines, light yellow flowers

L. draxleriana NEW - #8436 - 3¼"pot - \$7.00 - 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. tiegeliana v. dimorphypetala NEW - #9651 - 3¼"pot - \$7.00 - low shiny dark green body with short curved spines, dark purple-red flower, can cluster when mature

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

LOPHOCEREUS schottii monstrose "obesa" NEW - #6892 - 6"pot - \$15.00 - 3"-thick x 7"-8"-long rooted cutting, Totem Pole cactus from Baja, CA, gray-green, knobby, mostly spineless stem

MAMMILLARIA albilanata ssp. tegelbergiana - #9365 - 2¾"pot - \$5.00 - green stem obscured with dense short golden and white spines with dark tips, rings of small red flowers in spring

M. beneckeri NEW - #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. boolii - #7263 - 2¾"pot - \$5.00 - Baja California, small soft light green egg-shaped stem, thin black and white spines, hooked central spines, large light pink flowers in summer

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. carrettii - #6961 - 4"pot - \$9.00 - low clustering stem covered in dense yellow and red spines, small yellow lemon-scented flowers

M. crassimammillis - #5531.4 - 4"pot - \$9.00 - low clustering light green stem, short tan spines, yellow flowers

M. dixanthocentron NEW - #7274 - 3¼"pot - \$7.00 - solitary columnar light green stem, dense golden spines, paired central spines, rings of small peach flowers in spring (LIMIT 5)

M. geminispina ssp. geminispina - #6835 - 2¾"pot - \$5.00 - also know as M. geminispina "nobilis", upright green stems covered with dense, white spines with long white centrals, small bright pink flowers, makes large attractive cluster when mature

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. grusonii - #5534.4 - 4"pot - \$9.00 - stout eventually shortly columnar stem to 10" tall, dense short erect white spines, rings of light yellowish 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. hernandezii - #7294 - 1"plant - \$6.00 - pretty uncommon dwarf species, small round stem from fat root, short tan spines held close to body, large bright pink flowers

M. longiflora fma. stampferi - #6916 - 1"+seedling - \$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. marcosii NEW - #8637 - 3¼"pot - \$7.00 - soft dark green body, dense white radial spines, chestnut-brown central spines, whitish flower, somewhat difficult (LIMIT 3)

M. magnimamma "krameri" - #8513 - 3¼"pot - \$7.00 - 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 - 3¼"pot - \$7.00 - flattened solitary matte green stem grows to 6" wide, large dark pink flowers in spring

M. microhelia NEW - #7316 - 3¼"pot - \$7.00 - upright 1½"-thick stem, dense erect gold and white radial spines with darker central, rings of yellow to pink flowers in spring (LIMIT 3)

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. mystax (yellowish spines) - #9555 - 6"pot - \$13.00 - stout round green stem covered with yellow to white spines with black tips, rings of dark pink flowers in spring

*M. nejapensis - #6865 - 2¾"pot - \$5.00 - upright green stem, wooly axils with white hairs, long white spines tipped with black, small yellow flowers, branches dichotomously

*M. nivosa - #6820 - 2¾"pot - \$5.00 - round olive green body, dense erect golden spines, wooly axils, yellow flower

M. pachycylindrica - #7326.3 - 3¼"pot - \$7.00 - & - *#7326.4 - 4"pot - \$9.00 - stout shortly columnar dark green stem, dense purplish spines, brownish flowers, closely related to M. grusonii

M. pectinifera - #6766 - ¾"plant - \$6.00 - rare dwarf species, round stem wrapped in dense white spines, large white flowers in winter

M. perbella - #5548 - 3¼"pot - \$7.00 - low green stems cluster dichotomously, very short grayish spines, small pink flowers, forms hemispherical mound when mature

M. picta L1063 NEW - #9653 - ~1"seedling - \$6.00 - 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. rubrograndis - #5552 - 6"pot - \$13.00 - solitary low dark shiny green stem can grow to 8" across, erect black and white spines

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. schwarzii - #5702 - 3¼"pot - \$7.00 - round clustering stems with dense soft white spines, small white flowers

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. solisioides - #7340 - 3¼"pot - \$7.00 - rarely offered, dwarf shortly columnar stem wrapped in dense short yellow spines, rings yellow flowers in winter

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. sphaerica - #5559 - 3¼"pot - \$7.00 - low green stem from thick taproot, huge tubercles with thick yellow spines, large lemon-scented yellow flowers in summer

M. spinosissima - #5781 - 3¼"pot - \$7.00 - upright dark green body, dense red-tipped spines, rings of dark pink flowers in late winter

*M. standleyi - #5558.4 - 4"pot - \$9.00 - round shiny dark green stem, short brown spines, wooly axils, clusters to 18"

M. thornberi NEW - #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 NEW - #9589 - 2¼"pot - \$4.00 - (Chihuahua Pine Picnic Area, Santa Catalina Mtns.) solitary soft egg-shaped stem, dense gray and black spines, hooked central, light pink flowers with sharp petals (LIMIT 3)

M. weisingeri - #7360 - 2¾"pot - \$5.00 - low dark green body, dense glassy white radial spines, brown central spines, rings of small pink flowers

**M. wrightii* ssp. *wilcoxii* NEW - #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 (LIMIT 5)

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. huascensis - #8544 - 3¼"pot - \$7.00 - low shiny purple body, brown spines, reddish flower, (=Eriocyse *eriosyziodes* ssp. *atroviridis*)

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. occulta* - #5579 - 2¼"pot - \$5.00 - low almost spineless blackish body on thick taproot, large white flowers

N. senilis - #5578.2 - 2¾"pot - \$5.00 - round to shortly columnar purple-green stem, dense curved glassy white spines, bright pink tubular flowers in late winter

NOTOCACTUS agnetae - #7388 - 3¼"pot - \$7.00 - low green stem, soft curly tan spines, large yellow flowers in spring

N. buiningii - #5581 - 3¼"pot - \$7.00 - low gray-green stem, many sharp ribs, stiff yellow and brown spines, very large light yellow flower

N. leprosum - #8592.3 - 3¼"pot - \$7.00 - (= *Wigginsia leprosum*) shiny dark green body with sharp ribs, light-colored spines, light yellow flower with purple stigma

N. roseiflorus - #9557 - 2¾"pot - \$5.00 - shortly columnar miniature species, dense short tan spines with brown tips, large light pink flowers, flowering size

**N. roseoluteus* - #7398 - 2¾"pot - \$5.00 - dark green low stem, stiff red and some yellow spines, pink flowers with yellow center when mature

**N. schlosseri* - #5783 - 2¾"pot - \$5.00 - round green stem, erect red and white spines, yellow flowers with dark purple stigma when mature

N. uebelmanniana - #6799 - 3¼"pot - \$7.00 - low shiny green stem with short tan spines held close, bright purple flowers in the winter

N. warasii - #6923 - 3¼"pot - \$7.00 - upright shiny dark green stem with yellow spines, yellow flowers when mature, one of the largest in the genus

OPUNTIA basiliaris v. *aurea* - #8772 - 3¼"potRC - \$7.00 - pink flower with dark center, gray-green pads with spines at the tips, very cold hardy

O. 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, orange flower) - #8771 - 3¼"potRC - \$7.00 - orange 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 hempelianus - #8538 - 3¼"pot - \$7.00 - (=Arequipa hempeliana) stout light green stem with dense short brown spines, clustering from base with age, bright red flowers, flowering size

O. leucotrichus - #9391 - 3¼"pot - \$7.00 - W of Tenarama, Arica, N. Chile, shiny green stems with stout yellow spines, few to no wispy white hairs, clusters from the base when mature, red flowers

O. trollii NEW - #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 mairanana - #7449 - 4"pot - \$9.00 - low dark green stem, short tan radial spines with darker central spines, small orange flowers

P. penicillata - #7451 - 3¼"pot - \$7.00 - soft light green stem, dense erect thin glassy spines, orange-red flowers

*P. quechua NEW - #7868 - 3¼"pot - \$7.00 - low dark green body, short spines, small dark red flowers (LIMIT 3)

P. sanguiniflora NEW - #7454 - 3¼"pot - \$7.00 - low dark green stem, dense white radial spines, hooked brown central spines, large dark red flowers in early summer (LIMIT 5)

*PEDIOCACTUS paradinei SB502 NEW - #7968 - 3¼"potG-HJ - \$8.00 - (Kaibab Plateau, AZ) small grafted offset of this miniature species, low soft green stem with thin glassy spines, whitish flowers (LIMIT 3)

PENIOCACTUS greggii v. transmontanus - #7456 - 3¼"pot - \$7.00 - Arizona Queen of the Night, olive green stems with black spines from large tuberous root, somewhat rot-prone

P. johnstonii - #9398 - 4"pot - \$9.00 - seedlings, olive green stems with sparse spines, flowers earlier in the year than P. greggii, eventually forms a large tuberous root, from Baja California

P. marianus - #6792 - 4"pot - \$9.00 - seedlings, faster growing than P. greggii, olive green stems with black spines, the flowers are white to light pink, forms large tuberous root, from Sonora, Mexico

P. viperinus - #8455.3 - 4"pot - \$9.00 - thin dark green stems with minute spines but tuberous root, salmon-red flowers in late spring when mature

PYGMAEOCEREUS bieblii - #9416 - 1"+ seedling - \$7.00 - rarely available Peruvian species, dwarf dark green stem, short tan corky spines, long-tubed white nocturnal flowers, flowering size

For other species included in *Rebutia* also see: *Sulcorebutia*, *Weingartia*

**REBUTIA heliosa* ssp. *heliosa* NEW - #7477 - 3¼"potG-HJ - \$7.00 - small clusters grafted on *Harrisia*, finger thick green stems covered with fine silvery spines, large orange flowers (LIMIT 3)

**R. marsoneri* - #7481 - 3¼"pot - \$7.00 - flattened soft green body, short thin brown spines, bright yellow flowers, forms nice clusters

R. pygmaea "*rosalbiflora*" FR1115 - #9504 - 2¾"pot - \$5.00 - small, egg-shaped green stems from thick taproot, minute white spines, large pinkish and white flowers in summer

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

SOEHRENSIA korethroides - #9533 - 2¾"pot - \$5.00 - 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. multicosatus SB1147 - #7675 - 3¼"pot - \$7.00 - low round green body with more thin wavy ribs than any other species, short radial spines, long thin brown to straw-colored central spines when mature, purple and white flower in late winter

S. phyllacanthus v. *violaciflorus* - #8780 - 2¼"pot - \$4.00 - round dark green body with very heavy wavy ribs, sparse short stout spines, pink flower with darker midstripe in spring

SULCOREBUTIA caniquerallii EM348 NEW - #9454 - 3¼"potG-HJ - \$7.00 - grafted low clustering dark green stems with short tan spines held close, large reddish flower with orange throat (LIMIT 5)

S. menesesii - #7769 - 3¼"pot - \$7.00 - low dark green body, dense flexible yellow spines, yellow flowers

S. gerosenilis NEW - #9180 - 3¼"potG-HJ - \$7.00 - grafted round purple and green stem with long dense white spines, large purple flowers (LIMIT 3)

S. raushii (green clone) NEW - #7518 - 3¼"potG-HJ - \$7.00 - grafted round green stem with minute black spines held close, large purple flowers (LIMIT 3)

S. raushii (purple clone) NEW - #9511 - 3¼"potG-HJ - \$7.00 - grafted round purple and green stem with minute black spines held close, large purple flowers (LIMIT 3)

*TEPHROCACTUS articulatus v. diadematus - #9289 - 3¼" pot - \$7.00 - egg-shaped gray stems with thick wavy brown spines reminiscent of old fingernails

T. articulatus v. inermis NEW - #7520 - 3¼" pot - \$7.00 - upright spineless gray-green stems

T. weberi NEW - #9326 - 2¾" pot RC - \$5.00 - rooted cuttings, elongated green ½"-thick stems, fairly dense white spines, yellow flowers

T. zehnderi NEW - #9648 - 2¾" pot RC - \$5.00 - rooted cuttings, shiny green egg-shaped joints, fairly short white spines, large 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. lausseri - #6774 - 2¾" pot - \$5.00 - rarely offered, reminiscent of T. bicolor but with small light pink flower, brown and white spines

T. macdowellii NEW - #5479 - 3¼" pot - \$7.00 - solitary round green body covered with dense erect white spines, large bright pink flowers in summer

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

*TOUMEYA papyracantha RP119 NEW - #9551 - 3¼" pot G-HJ - \$8.00 - grafted offsets, very large clone from Texas, dark green stem, tan and brown radial spines, long grass-like central spine, whitish flowers (LIMIT 3)

TRICHOCEREUS chiloensis - #9548 - 2¾" pot - \$5.00 - Chile, upright matte green stems, fairly dense long stiff golden-brown spines

*TURBINICARPUS beguinii ssp. albiflorus - #9605 - 2¼" pot - \$6.00 - rarely offered form, black-tipped white spines longer and denser than ssp. hintonii, large mostly white flower 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 NEW - #5607 - ½" seedling - \$6.00 - miniature round stem becomes shortly columnar, dense white radial spines, thin long black central spines, whitish flower, flowering size (LIMIT 3)

*T. graminispinus NEW - #9601 - ½" seedling - \$6.00 - miniature species described in 2011, low dark green body with dense thin curly spines, large white flower (LIMIT 3)

T. horripilus v. horripilus NEW - #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. jauernigii - #7827 - 1"plant - \$5.00 - low brownish stem from thick taproot, short black and white spines, brownish flowers in winter

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

*T. pseudomacroechele 'Cardonal' NEW - #9644 - ½"seedling - \$5.00 - (Cardonal, Hidalgo, MX) club-shaped gray-green stem from thick taproot, flexible tan spines give plant shaggy appearance when mature, plants from this location have almost white flowers, flowering size (LIMIT 3)

*T. swobodaee - #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)

Crested, Variegated, and Monstrose Cacti

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

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

ASTROPHYTUM myriostigma 'Lotusland' NEW - #5109 - 3¼"potG-SG - \$8.00 - stems with 5 or more ribs covered with dense white flecking, offsets look like pine cones (LIMIT 3)

*ASTROPHYTUM myriostigma 'Onzuka' monstrose/crest NEW - #9415 - 3¼"potG-SG - \$8.00 - lumpy dark green fans that fork and form round masses, speckled with white flecks (LIMIT 3)

ASTROPHYTUM myriostigma 'Puff Bonnet' NEW - #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 'Super Kabuto Kikko' NEW - #9419 - 3¼"potG-SG - \$8.00 - grafted offsets, round stems with slightly raised tubercles covered in dense white flecking (LIMIT 3)

*CORYPHANTHA retusa crest NEW - #9580 - 3¼"potG-HJ - \$8.00 - 1"-wide dark green fan, dense short curved golden spines (LIMIT 3)

*ECHINOCEREUS reichenbachii ssp. baileyi crest NEW - #9646 - 3¼"potG-HJ - \$8.00 - 1"-wide green fan covered in dense short white spines held close to the stem, first time we have offered this attractive clone (LIMIT 3)

*ESPOSTOA ritteri crest NEW - #5631 - 3¼"potG-HJ - \$8.00 - 1½"-wide fan covered in dense short white and brown spines and short white hair (LIMIT 3)

*GYMNOCALYCIUM baldianum crest NEW - #7081 - 3¼"potG-HJ - \$8.00 - 1½"-wide green fan, short tan spines, red flowers occasionally (LIMIT 3)

LOPHOCEREUS schottii monstrose "obesa" NEW - #6892 - 6"pot - \$15.00 - 3"-thick x 7"-8"-long rooted cutting, Totem Pole cactus from Baja, CA, gray green, knobby, mostly spineless stem (LIMIT 5)

*MAMMILLARIA beneckeii (red variant) NEW - #5755 - 3¼"potG-HJ - \$8.00 - short black spines, hooked central, large orange flowers, stems turn dark red in strong light, can be grown on its own roots but is difficult (LIMIT 3)

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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.

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DUVALIA corderoi - #8944 - 2"pot seedling - \$5.00 - low dark green stems with raised sharp tubercles, brown to tan ¾" flowers with densely fuzzy annulus, smells slightly of dead mouse (LIMIT 5)

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

FOCKEA edulis - #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 aspera - #9084 - 2¼"potRC - \$5.00 - shiny dark green stems, reddish in strong light, maroon flower hangs down

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

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 - #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 - #8807 - 2¼"potRC - \$5.00 - ¼"-thick light green hanging stems with down-pointing dark maroon ¾"-wide flowers

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

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

RAPHIONACME flanaganii - #6965 - 4"pot - \$10.00 - caudiciform from KwaZulu-Natal, South Africa, vining stems with slightly fuzzy green leaves from fat white root, can be raised when larger for bonsai-like display

RHYTIDOCAULON macrolobum ssp. *macrolobum* - #7671 - 2¼"pot - \$5.00 - small seedlings, upright olive green, rough-textured, pencil-thick stems branch sparingly and bear ¼" black and white flowers

R. ciliatum/*R. macrolobum* hybrids NEW - #9458 - 2¼"pot - \$5.00 - small seedlings, pencil-thin brown stems, small flowers mostly brownish/purple with hairy margins

STAPELIA flavopurpurea NEW - #8456 - 2¼"pot - \$5.00 - seedlings, upright green stems with purple mottling, 1" flowers with pinkish-purple center, petals are yellowish with raised ridges, honey-like fragrance (LIMIT 5)

**S. schinzii* NEW - #8988 - 2¼"potRC - \$5.00 - thin purple-green stems, 2"+ foul-smelling purple flowers with purple hairs on petal edges (LIMIT 5)

Succulents (Other than Cacti)

ADENIUM arabicum (APOCYNACEAE) - #6860 - 4"pot - \$9.00 - 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 - 4"pot - \$9.00 - 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

AGAVE guiengola 'Creme Brulee' (ASPARAGACEAE) - #9641 - 3¼"pot - \$7.00 - 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

ALLUAUDIOPSIS fihirenensis (DIDIERIACEAE) - #9283 - 6"pot - \$15.00 - spiny upright gray stems, long thin fleshy leaves, forms sparse upright bush

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 - 2¾"pot - \$5.00 - 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. humilis* - #7004.3 - 3¼"pot - \$7.00 - rooted offsets of this small-growing fairly cold-hardy species, narrow blue-green leaves with soft teeth, 1'-tall flower spikes with red flowers, forms clusters to 18"

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. 'La Petite'* - #9598 - 3¼"pot - \$7.00 - *Aloe variegata* hybrid, green leaves with white mottling form 3"-4" rosettes on upright stalks, will cluster from the base, pink and white flowers

A. 'Latte' - #9522 - 3¼"pot - \$7.00 - (K. Griffin hybrid) long brownish leaves covered with short raised ridges and teeth, forms 6" rosettes

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. 'Pepe'* - #5070 - 3¼"pot - \$7.00 - (*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

A. zanzibarica - #5091 - 3¼"pot - \$7.00 - light green leaves mottled with white, short white teeth on margins form upright stems clustering from base, orange flowers

ALOINOPSIS malherbei (AIZOACEAE) - #7894 - 2¾"pot - \$5.00 - 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 - #7569 - 2¾" pot - \$5.00 - clusters of round green leaves will develop thick taproot, golden flowers

ANACAMPSEROS rufecens (PORTULACACEAE) - #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

*BURSERA fagaroides (BURSERACEAE) - #5662.4 - 4" pot - \$9.00 - stout seedlings that have been trimmed and are beginning to form a nice canopy, peeling bark, good for bonsai

CEPHALOPENTANDRA ecirrhusa (CUCURBITACEAE) - green and silver skinned knobby conical caudex, green leaves on short vining stems, 1" butter-yellow flowers

#6964.2 - 1" x 1" caudex - \$7.00

#6964.4 - 2½" + caudex - \$12.00

*CERARIA fruticulosa (small leaves) (PORTULACACEAE) - #8016 - 2¾" pot - \$5.00 - small plump gray-green leaves with round cross-section, brown stems form small bush, roots thicken with time and can be trained as bonsai, minute pink flowers borne at tips of stems, (image of ancient trained specimen)

*C. fruticulosa (large leaves) - #8432 - 4" pot - \$9.00 - a few of this clone with larger leaves, these have been trimmed back several times, minute pink flowers

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 - 2¾" 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 - 2" 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 spring

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

CISSUS rotundifolia (VITACEAE) - #8085 - 4"pot - \$9.00 - 2 rooted cuttings, large elliptical green leaves with slightly scalloped edges, fast growing, eventually form dahlia-like tubers

CYPHOSTEMMA juttae (VITACEAE) - #5007 - 2¾"pot - \$6.00 - nice seedlings, caudiciform grape from Namibia and South Africa, white trunk with peeling bark, large green leaves in summer, leaves drop in winter

EUPHORBIA bupleurifolia NEW - #5370 - 1"stem/3¼"pot - \$8.00 - brown stem reminiscent of pineapple topped with long light green leaves (LIMIT 10)

*E. decaryi v. decaryi (EUPHORBIACEAE) - #5384 - 3¼"potRC - \$7.00 - rough white stems topped with succulent dark green and purple wavy edged leaves, suckers from below ground and can quickly fill a pot

*E. francoisii - #9488 - 4"pot - \$9.00 - nice plants grown from rooted cuts, most of the remaining clones have mottled green leaves but some are reddish, all will form thick roots in time

E. genoudiana - #8374 - 4"pot - \$8.00 - Madagascan shrublet with spiny gray stems, thin green leaves, green bracts on the cyathia rather than the typical colored ones

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 NEW - #9640 - 3¼"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. millotii - #9558 - 4"pot - \$8.00 - Madagascan species, finger-thick upright gray stems topped with large shiny green leaves, branches to form small shrublet, light green to pinkish cyathia

E. obesa - 1½"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. poissonii - #9559 - 4"pot - \$25.00 - rare species, stem turns white when mature with small paired spines, large green leaves during the summer

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

FAUCARIA candida (AIZOACEAE) - #8743 - 2¾"pot - \$5.00 - paired fleshy leaves with soft teeth on margins form low clusters, unlike most of the "jaw" plants this species has white flowers

F. tuberculosa (Japanese Line) - #8514 - 2¾"pot - \$5.00 - paired fleshy green leaves with teeth at margins, bred to form carbuncle-like growths at the base of the leaves, large yellow flowers

FENESTRARIA rhopalophylla (AIZOACEAE) - #6951 - 2¾"pot - \$5.00 - Baby Toes, plump upright leaves with windowed tips, flowers will either be yellow or white, this batch hasn't flowered yet

FOUQUIERIA diguettii (FOUQUIERIACEAE) - #9490.2 - 2¾"pot - \$5.00 - & - #9490.3 - 14"tall single stem - \$8.00 - seedlings of this widespread Ocotillo relative from Southern Baja, coastal Sonora and coastal Sinaloa, makes large spiny bush, red flowers

F. formosa NEW - #9652 - 3¼"pot - \$8.00 - tree Ocotillo from central to southern Mexico, green-brown stems with shiny dark green leaves (LIMIT 10)

F. macedougallii - #7898.2 - 2¾"pot - \$5.00 - & - #7898.3 - 8"tall seedling - \$7.00 - Tree Ocotillo from Sonora Mex, brown and green bark, light green leaves, sprays of red flowers when mature

F. purpusii NEW - #8680 - 18"-24"tall with ¾"-1"-thick caudex - \$35.00 - from Oaxaca MX, conical green and red-brown caudex, grows to 15' tall, narrow green leaves

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

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

xG. 'Nice Try' - #9481 - 3¼"pot - \$7.00 - (Aloe 'Sean's Red' x Gasteria glomerata) long fat green leaves with a touch of red when grown in bright light, 4"-5" rosettes cluster to fill 8" pots

*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 - 2¾"pot - \$5.00 - rooted offsets, thick dark green leaves mottled with raised silvery bumps

G. glomerata - #9271 - 2¾"pot - \$5.00 - rooted offsets from nice bluish clones, fat blue-green leaves will cluster heavily, bright orange flowers

G. liliputana - #7068 - 2¼"pot - \$4.00 - smallest species, short dark green and white mottled leaves, clusters heavily, spikes of pink and white flowers

G. 'Polliwog' - #9567 - 2¾"pot - \$5.00 - G. armstrongii hybrid, shiny dark green leaves, compact growth, makes nice clumps somewhat slowly

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

HAWORTHIA decipiens (XANTHORRHOACEAE) - #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. 'Manda's hybrid' - #7179 - 3¼"pot - \$7.00 - bright green pointed leaves make 2½"-wide rosettes, makes 6" clusters with time

H. maughanii x. H. truncata - #7139 - 3¼"pot - \$7.00 - 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 v. acuminata - #7158 - 3¼"pot - \$7.00 - thick triangular windowed green leaves form rosettes up to 3", clusters slowly

IHLENFELDITA vanzijlii (AIZOACEAE) - #8442 - 2¼"pot - \$4.00 - (=Cheiridopsis vanzijlii) soft upright paired gray-green leaves with blush of purple, forms small clusters, bright yellow flowers in spring

JACARATIA corumbensis (CARICACEAE) - #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

*JATROPHA cinerea (EUPHORBIACEAE) - #8472 - 4"pot - \$9.00 - grayish upright stem forms a large bush in time, heart-shaped silvery green leaves, nice seedlings

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

LITHOPS bromfieldii v. bromfieldii (AIZOACEAE) - #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. glaudinae C116 - #8232 - ¾"-1"plant - \$2.50 - dark gray body, mottled brown and red top

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

L. dinteri ssp. frederici - #8072 - $\frac{3}{4}$ "-1"plant - \$2.50 - yellow to tan body, tan top with few red dots

*L. gesinae v. annae - #4740 - $\frac{1}{2}$ "- $\frac{3}{4}$ "plant - \$2.50 - tan body, tannish top with intricate olive pattern

L. hallii (white form) - #8800 - $\frac{3}{4}$ "-1"plant - \$2.50 - low gray body, mottled gray top

L. hallii v. ochraceae C303 - #7736 - $\frac{1}{2}$ "- $\frac{3}{4}$ "plant - \$2.50 - gray-brown body, darker top with lighter raised bumps

L. helmutii - #4745 - $\frac{3}{4}$ "-1"plant - \$2.50 - upright gray-green leaves with darker green mottled tips

L. hookeri v. elephina - #9253 - $\frac{3}{4}$ "-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. julii C297 - #8574 - $\frac{3}{4}$ "-1"plant - \$2.50 - whitish body, gray markings on top with broken darker line where the leaves meet

L. julii ssp. julii "reticulate form" - #8140 - $\frac{3}{4}$ "-1"plant - \$2.50 - whitish body, bold brown markings on top

L. karasmontana "mickbergensis" - #6884 - $\frac{3}{4}$ "-1"plant - \$2.50 - light tan body, sparse dark brown markings on top

L. karasmontana "signalberg form" - #8271 - $\frac{3}{4}$ "-1"plant - \$2.50 - tan body, tan top with a few dark brown markings

L. karasmontana ssp. bella - #7941 - $\frac{3}{4}$ "-1"plant - \$2.50 - yellowish body, rounded yellow top with off-green windows

L. karasmontana v. lericheana - #7214 - $\frac{3}{4}$ "-1"plant - \$2.50 - tan body, brownish somewhat clear window on top

L. lesliei "Kimberley form" - #8568 - $\frac{1}{2}$ "- $\frac{3}{4}$ "plant - \$2.50 - gray body, fine dark green marking on top

L. lesliei v. minor - #7962 - $\frac{1}{2}$ "- $\frac{3}{4}$ "plant - \$2.50 - gray-brown body, top with fine dark green markings

L. localis NEW - #8703 - $\frac{1}{2}$ "plant - \$2.50 - dark grayish body, top densely speckled with tiny olive dots

L. marmorata - #7942 - 1"plant - \$2.50 - upright gray-green body, darker green mottled windows on top

L. marmorata "framesii" - #9576 - $\frac{3}{4}$ "-1"plant - \$2.50 - light gray-green body, green and white top

L. salicola - #7224 - $\frac{1}{2}$ "- $\frac{3}{4}$ "plant - \$2.50 - dark gray body, olive green top with some gray flecks

L. schwantesii "kuibisensis" - #8277 - $\frac{1}{2}$ "plant - \$2.50 - tan body, darker tops with fine reddish markings

L. schwantesii v. marthae - #7740 - $\frac{3}{4}$ "-1"plant - \$2.50 - grayish body, tan top with obscured dark red markings

L. schwantesii v. *rugosa* - #9594 - ¾"-1"plant - \$2.50 - gray body, gray top with dark reddish markings

**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

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

**NEOHENRICIA sibbettii* NEW (MESEMBRYANTHEMACEAE) - #9540 - 2"pot - \$5.00 - ground-hugging miniature, short club-shaped gray-green leaves with rough surface, whitish flowers open at night, supposedly scented (LIMIT 3)

**NANANTHUS margaretifera* NEW (MESEMBRYANTHEMACEAE) - #9574 - 2"pot - \$5.00 - rosettes of thick long pointed leaves with whitish dots, small golden flowers, forms thick taproot (LIMIT 5)

OECEOCLADES calcarata (ORCHIDACEAE) - #9331 - 6"pot - \$20.00 - Madagascar, terrestrial orchid with long shiny dark green leaves atop fat pseudobulb, short spike of green flowers with pink and white at very center, plants with two or more pseudobulbs

PACHYCORMUS discolor NEW (ANACARDIACEAE) - #5661 - 3¾"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 saundersii (APOCYNACEAE) - #5741 - 3¾"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, just flowering size

PETOPENTIA natalensis NEW (APOCYNACEAE) - #7659 - 3¾"pot - \$8.00 - brown-skinned teardrop shaped caudex, vining stems with long shiny dark green leaves with purple underneath

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. simulans - #8103 - 2¾"pot - \$5.00 - fat leaves that open widely lying on the ground, large orange and yellow flowers with coconut scent

**RABBIEA difformis* (AIZOACEAE) - #8209 - 2¾"pot - \$5.00 - keel-shaped short dark green leaves form tight cluster, yellow flower, cold hardy to below 0F

RAPHIONACME flanaganii (APOCYNACEAE) - #6965 - 4"pot - \$10.00 - caudiciform from KwaZulu-Natal, South Africa, vining stems with slightly fuzzy green leaves from fat white root, can be raised when larger for bonsai-like display

*SANSEVIERIA singularis (ASPARAGACEAE) - #6881 - 6"pot - \$15.00 - 1"-thick upright leaves with round cross-section eventually grow to 2' tall

SARCOCAULON herrei (GERANIACEAE) - #8338 - 2¾"pot - \$7.00 - green stems with spiny persistent leaf bases, heavily dissected light green leaves, yellow-white 5-petalled flowers

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 - 2¾"pot - \$5.00 - low rosettes of light blue leaves with bumpy orangish tips, light orangish flower

UNCARINA roeoesliana (PEDALIACEAE) - #7798.4 - 4"pot - \$9.00 - 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

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!"

Copiapoa - The Cactus File Handbook 4 by Graham Charles - #6187 - \$20.00 - Great book on this genus at a great price (regularly \$39.95), 6.5" x 9.5", 80 pages, 106 color photos, soft cover, condition

GROWING the MESEMBS by Ed Storms - #8105 - \$6.50 - including group photos of most varieties of Lithops - good beginners' book on the Mesembryanthemaceae with valuable care instructions on many of the genera - 6" x 9", 58 pages, soft cover, ~50 color photographs

Pachyforms - A Guide to Growing PACHYCAUL AND CAUDICIFORM PLANTS by Philippe de Vosjoli - #6159 - \$35.00 - One of the few books dedicated to this group of plants, care information and photos of many of the species in cultivation, 7" x 10", 319 pages, 392 photographs, soft cover, in original shrink wrap

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

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

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 (5.5, 8, 10, 12) SAVE \$1.00

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) - #6120.6 - \$12.00 - same as 16" straight but with curved jaws