



Tucson Cactus and Succulent Society

Feb 2013

**RAFFLE PLANTS
DOOR PRIZES
FREE PLANTS**

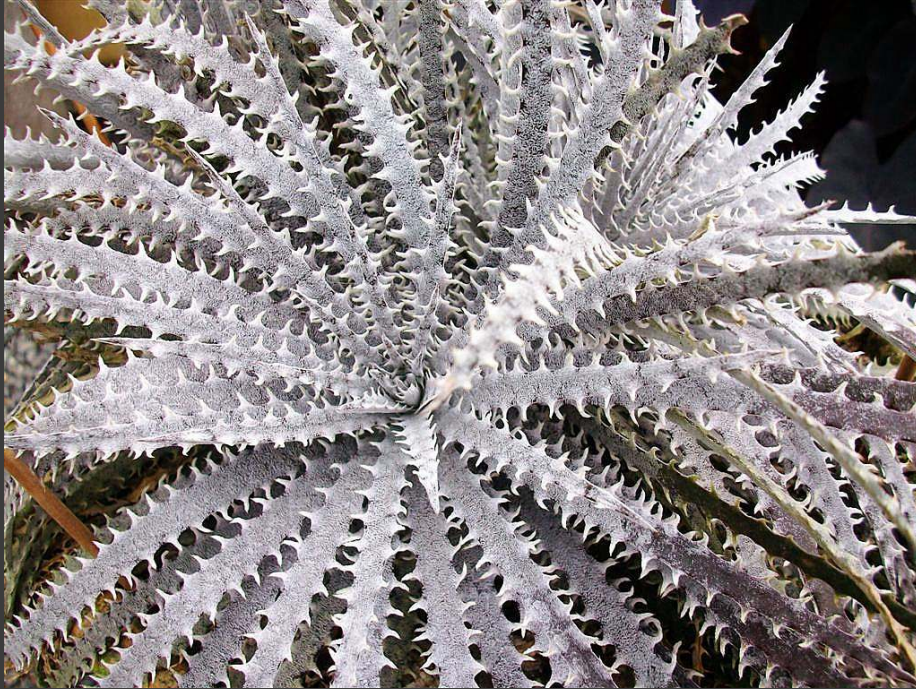


Trichocereus bridgesii monstrose

- Rare
- Origin: Bolivia
- Slow growing
- Min: 32 deg F
- Full/filtered sun
- Be careful to protect from humidity in July and Aug
- Water only when dry during warm weather
- Psychoactive (mescaline)



Dyckia fosteriana x



- Origin: Brazil
- Protect from frost
- Full sun
- Grown for silver-grey foliage
- Protect from rain and hosing to get white foliage
- Water when dry during warm weather
- Well-drained soil



Agave hybrid 'Mr. Ripple'

- Origin: San Luis Potosi, Mexico
- Hardy to 10 deg F
- Full sunlight
- Reproduced via tissue culture
- Height: 3-6 feet
- Well-drained soil
- A. salmiana* x *A. protoamericana* ?



Ferocactus rectispinus

- Origin: Baja California
- Protect from frost
- Full sun promotes spination
- Flower: Yellow
- Water when dry during warm weather
- Well-drained soil



Echeveria subrigida



- Family: Crassula
- Origin: Mexico
- “Fire and Ice”
- Min: 20-25 deg F
- Sun or shade
- Width: 1-2 feet
- Forms rosettes
- Water when dry during warm weather
- Well-drained soil



Gymnocalycium cardenasianum

- Origin: Bolivia
- Slow growing
- Flower: Pink/White
- Full sunlight
- Protect from frost
- Heavy spines may prevent flowers from opening
- Water when dry during warm weather
- Well drained soil



Pleiospilos nelii



- ◉ Origin: S. Africa
- ◉ Min: 32 deg F
- ◉ Filtered sunlight
- ◉ Protect from humidity in July and August
- ◉ Water lightly when dry during warm weather
- ◉ Well-drained soil



Astrophytum capricorne

- Origin: Mexico
- Slow growing
- Flower: Yellow with red center
- Full sunlight
- Tolerates mild frost
- Spines serve as camouflage in grass
- Water when dry during warm weather
- Well drained soil



Gymnocalycium baldanianum

- Free plant
- Origin: Argentina (Catamarca)
- Not frost hardy
- Filtered sunlight
- Grows slowly
- Water when dry during warm weather
- Well-drained soil



Mammillaria glassii nova



- Free plant
- Origin: N.E. Mexico
- Protect from frost
- Full / filtered sunlight
- Forms low mat
- Water when dry during warm weather
- Well-drained soil



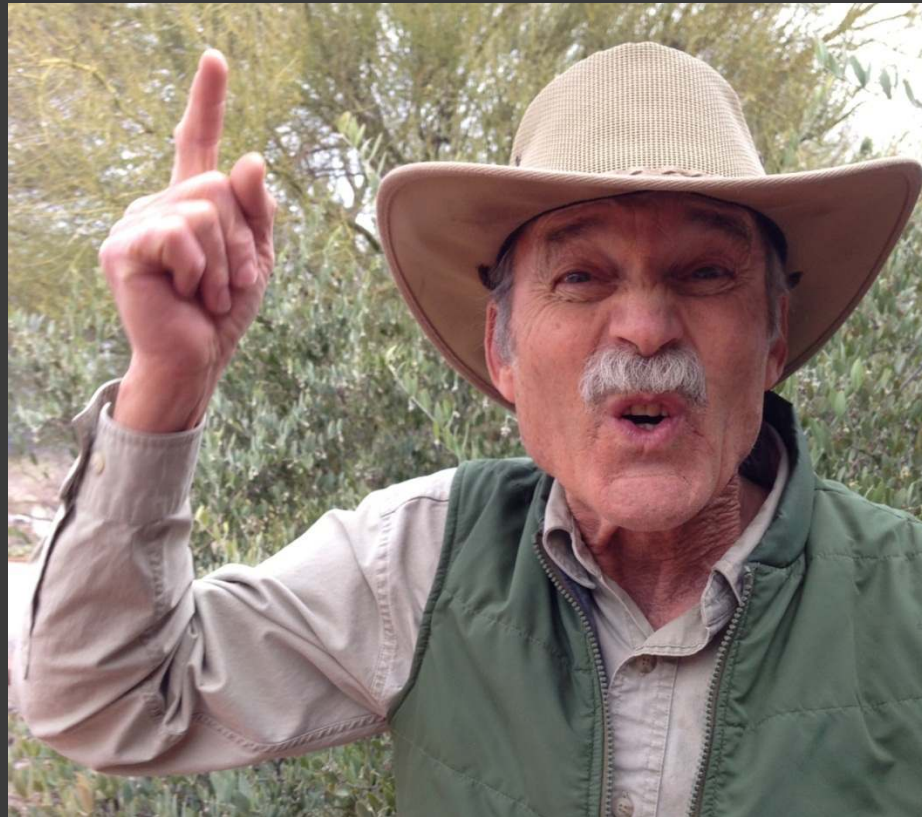
Free Plant Rules

- ⦿ One plant per person
- ⦿ Must stay until end of meeting
- ⦿ No pushing, shoving, or conduct unbecoming

- ⦿ Or ...



NO PLANT FOR YOU !





Tucson Cactus and Succulent Society

March 2013

RAFFLE PLANTS
DOOR PRIZES
FREE PLANTS



Agave aurea

- ⦿ Baja California Sur
- ⦿ Hardy to 20 deg F
- ⦿ Solitary
- ⦿ Medium size
- ⦿ Brown marginal spines
- ⦿ Full / filtered sun
- ⦿ Well-drained soil
- ⦿ Water when dry during warm weather



Agave avellanidens



- Central Baja California
- Hardy to 15 deg F
- Gray green leaves with strong white teeth
- Medium size
- Non-clumping
- Full / filtered sun
- Well-drained soil
- Water when dry during warm weather



Agave cerulata ssp nelsonii

- Baja California
- Hardy to 15 deg F
- Short broad undulate leaves w/weak spines
- Small rosettes
- Offsets
- Full sunlight
- Well-drained soil
- Water when dry during warm weather



Agave cerulata ssp subcerulata

- Baja California
- Hardy to 15 deg F
- Small rosette
- Offsets
- Blue gray with some yellow and green
- Full / filtered sun
- Well-drained soil
- Water when dry during warm weather



Agave datylio



- ⦿ Baja California Sur
- ⦿ Min temp: Untested
- ⦿ Prolific off-setter
- ⦿ Yellow green coloration
- ⦿ Rosettes stay small
- ⦿ Full / filtered sun
- ⦿ Well-drained soil
- ⦿ Water when dry during warm weather



Agave deserti var deserti

- ◉ Western Arizona
- ◉ Hardy to 15 deg F
- ◉ Prolific off-setter
- ◉ Forms large clumps w/small rosettes
- ◉ Full / filtered sun
- ◉ Water when dry during warm weather
- ◉ Well-drained soil



Agave deserti var. simplex



- ◉ Western Arizona
- ◉ Min: 15 deg F
- ◉ Solitary
- ◉ Small-to-medium rosettes
- ◉ Mostly single
- ◉ Strong spines
- ◉ Full / filtered sun
- ◉ Water when dry during warm weather
- ◉ Well-drained soil



Agave giganteensis

- Named after origin (Sierra de la Giganta)
- Baja California
- Hardy to 15 deg F
- Solitary
- Large (3 ft x 4 ft)
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Agave shawii ssp. goldmaniana

- Central Baja California
- Hardy to 15 deg F
- Large
- Prolific off-setter
- Rosette resembles giant artichoke
- Red-black spines
- Full sun
- Water when dry during warm weather
- Well-drained soil



Agave sobria ssp. sobria



- Baja California Sur
- Hardy to 20 deg F
- Small to medium
- Offsets occasionally
- Fierce red-brown spines
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Agave turneri

- North Baja California
- Hardy to 20 deg F
- Grows in a hyper-arid environment
- Solitary
- Medium size
- Glaucous blue green
- Full sun
- Well-drained soil



Agave vizcainoensis



- ◉ Western Vizcaino Desert
- ◉ Baja California Sur
- ◉ Hardy to 15 deg F
- ◉ Small to medium
- ◉ Occasional offsetting
- ◉ Fierce white / gray spines
- ◉ Full / filtered sun
- ◉ Water when dry during warm weather
- ◉ Well-drained soil



Free Plant Rules

- ⦿ One plant per person
- ⦿ Must stay until end of meeting
- ⦿ Please be courteous (no pushing or shoving)

Raffle Prices

- ⦿ \$1 per ticket
- ⦿ Six tickets for \$5





Tucson Cactus and Succulent Society

April 2013

Raffle plants
Door prizes
Free plants

Presented by Donna and Robert Ellis





**TCSS thanks Diane and Dan
of Bach's Cactus Nursery ...**

**... For generously donating the free
plants this month!**



Pilosocereus pachycladus (monstrose)



- Rare
- NE Brazil
- Min temp: 45 deg. F
- Golden marginal spines
- Full / filtered sun
- Soil: Very porous and well-draining
- Water when dry during warm weather



Albuca spiralis

- **South Africa**
- **Family: Hyacinthaceae**
- **Min temp: 20-30 deg F**
- **Corkscrew leaves sprout out of caudex-forming bulb**
- **Bell-shaped yellow flowers**
- **Height: 6 inches**
- **Ample sun encourages foliage to twist and spiral**
- **Foliage is deciduous; goes dormant in hot summer**
- **Use well-drained soil**
- **Propagation: rhizomes, tubers, bulbs**



Dyckia hybrid "Burgundy Ice"



- South America (Brazil)
- Hardy to 25 deg F
- Dark red blades have sharp white teeth and silver undersides
- Height: 6-12 inches
- Forms rosettes
- Bright orange flowers
- Give ample sun to encourage deep red color
- Well-drained soil
- Water when dry during warm weather



Agave titanota

- Oaxaca, Mexico
- Protect from frost
- Short broad leaves w/strong spines
- Mostly solitary
- Has a few offsets
- Width: 2 ft
- Full sunlight
- Well-drained soil
- Water when dry during warm weather



Tephrocactus aoracanthus **fm paediophilus**



- **Argentina**
- **Min temp: 30 deg F**
- **Up to 12 inches tall**
- **Long flexible spines**
- **Solitary**
- **Full / filtered sun**
- **Well-drained soil**
- **Water when dry during warm weather**



Stenocactus vaupelianus

- Hidalgo, Mexico
- Hardy to 25 deg F
- Height: Under 6 in
- Solitary
- Dark green globe with wavy ribs
- Golden spines
- Woolly aereoles
- Full / filtered sun
- Well-drained soil
- Water when dry during warm weather



Rebutia krainziana



- Argentina
- Min: 25 deg F
- Clumps profusely
- Height: Under 6 in
- Short spines
- Abundant flowers in early spring
- Repot regularly to increase size and number of stems
- Filtered sun / cooler temperatures
- Water when dry during warm weather
- Well-drained soil



Notocactus magnifica

- Brazil
- Protect from frost
- Large clustering mounds
- Blue-green globe with wool and golden spines along vertical ribs
- Full / filtered sun
- Well-drained soil
- Water when dry during warm weather



Mammillaria sempervivi



- Central and northern Mexico
- Min temp: 28 deg F
- Solitary
- Flowers form rings on the crown
- Mostly single
- Axil: Abundantly wooly
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Echinocereus triglochidiatus

- SW United States
- Frost hardy
- Forms large clusters over time
- Aka 'Claret cup hedgehog'
- Easy to grow
- Full / filtered sun
- Well-drained soil
- Water when dry during warm weather



Espostoa lanata



- **Andes of southern Ecuador and Peru**
- **Protect from frost**
- **Height: 15+ ft.**
- **Propagate from cuttings or seed**
- **May branch above ground**
- **Full / filtered sun**
- **Well-drained soil**
- **Water when dry during warm weather**



Notocactus schlosseri

- **Uruguay**
- **Hardy to 25 deg F**
- **Solitary**
- **Yellow flowers**
- **Filtered sun**
- **Water when dry during warm weather**
- **Well-drained soil**

S



Sempervivum arachnoideum



- Alps and Carpathian Mtns
- Forms mats of rosettes called 'hens and chicks'
- Frost hardy
- In Europe traditionally grown on rooftops between thatching, tiles, or timbers, hence the name 'House Leeks'
- Does well in rock crevices
- Full / filtered sun
- Water when dry during warm weather
- Use highly porous, well-drained soil



Mammillaria camptotricha

var albescens

- **San Luis Potosi,
Guanajuato, Queretaro
Mexico**
- **Min temp: 25 deg F**
- **Height: under 4 in**
- **Latest name: Mam.
decipiens ssp albescens**
- **Clustering**
- **Filtered sun**
- **Well-drained soil**
- **Water when dry during
warm weather**



Notocactus leninghausii

- **Brazil**
- **Protect from frost**
- **Height: 24 in**
- **Usually forms clumps**
- **Pale green stems with numerous soft golden spines**
- **Lemon yellow flowers**
- **Filtered sun**
- **Well-drained soil**
- **Water when dry during warm weather**



Mammillaria baumii



- Tamaulipas, Mexico
- Protect from frost
- Found under bushes
- Forms low clustering mats
- Profuse scented yellow flowers
- Filtered sun only
- Water when dry during warm weather
- Well-drained soil



Astrophytum myriostigma

- **Chihuahuan Desert, Mexico**
- **Hardy to 25 deg F**
- **Height: to 10 inches**
- **Solitary**
- **Spineless with four to seven ribs**
- **Full sun**
- **Water when dry during warm weather**
- **Well-drained soil**

an



Mammillaria guelzowiana

- Durango, Mexico
- Protect from frost
- Flowers are largest in genus
- Stems slowly cluster from base
- Clusters 3-5 inches
- Filtered sun
- Well-drained soil
- Water when dry during warm weather
- Sensitive to overwatering



Echeveria agavoides



- San Luis Potosi, Hidalgo, Guanajuato, Durango, Mexico
- Hardy 20-25 deg F
- Solitary 10-12 in. wide
- Height: 10-12 in.
- Filtered sun
- Well-drained soil
- Water when dry during warm weather



Echinocereus fendleri

var. rectispinus

- SW U.S., N Mexico
- Frost hardy native
- Forms clusters of up to 10 heads
- 10-inch hedgehog
- Large flowers
- Full sun
- Well-drained soil



Sempervivum tectorum



- Mountains of southern Europe
- Forms mats 6 x 20 inches
- Hardy to 25 deg F
- First described by Linnaeus in 1753
- Freely offsets
- Tectorum means 'of house roofs'
- Reddish-purple flowers
- Filtered sun
- Water when dry during warm weather
- Well-drained, gritty soil



Notocactus uebelmannianus



- Rio Grande do Sul, Brazil
- Protect from frost
- Solitary 5 x 7 inches
- Occasional offsetting
- Spines curve into plant
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Echeveria cultivars

- Mexico, C. America, S. America
- Protect from frost
- Drought resistant
- Eventually cluster
- Easy to propagate from leaves or cuttings
- Many color variations
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Astrophytum ornatum



- **Queretaro, Hidalgo Mexico**
- **Frost hardy**
- **Solitary**
- **Slow growing**
- **Large (1 ft. x 3 ft.)**
- **Yellow flower**
- **Full sun**
- **Water when dry during warm weather**
- **Well-drained soil**



Coryphantha elephantidens



- Michoacan, Morelos Mexico
- Hardy to 25 deg F
- Forms large clumps
- Flowers pink to white
- Robust decurved spines
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Thelocactus hexaedrophorus



- Chihuahuan Desert
- Hardy to 25 deg F
- Solitary, round with flattened stems
- Robust decurved spines
- Central spines almost always absent
- Keep away from rabbits
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Crassula cv "Moonglow"

(Crassula deceptor var arta X falcata)



- **South Africa**
- **Protect from frost**
- **Height 6-12 inches**
- **Filtered sun**
- **Water sparingly during warm weather**
- **Allow to dry between watering**
- **Use very porous soil**
- **Prone to rot in cold moist weather**



Free Plant Rules

- One plant per person
- Must stay until end of meeting
- Please be courteous (no pushing or shoving)

Raffle Prices

- \$1 per ticket
- Six tickets for \$5





Tucson Cactus and Succulent Society

June 2013

Raffle plants
Door prizes
Free plants

Presented by Donna and Robert Ellis



Cotyledon orbiculata



- » Origin: South Africa
- » Protect from frost
- » Bell-shaped yellow/red flowers
- » Full / filtered sun
- » White powdery coating helps reflect sun's heat
- » Water when dry during warm weather
- » Well-drained soil



Cyphostemma hybrid

cv "Fat Bastard"

- » Origin: Deserts of eastern and southern Africa, Madagascar
- » Protect from frost
- » *C. juttae* x ??
- » Full / filtered sun
- » Bright green leaves
- » Above ground stem has peeling bark
- » Water when dry during warm weather
- » Well-drained soil



Fockea edulis



- » Origin: Southern Africa
- » Takes frost for short time
- » Two kinds of branches: tree-like and vines
- » Semi-deciduous caudiciform
- » Full / filtered sun
- » Water when dry during warm weather
- » Well-drained sandy, gritty soil
- » Rot-prone in winter—keep dry



Echinocereus brandegeei

- » Origin: Baja California
- » Frost tender
- » May create large mounds 6 feet across
- » Full sunlight
- » Water when dry during warm weather
- » Well-drained soil



Monadenium ritchiei



- » Origin: Eastern Africa, Kenya
- » Protect from frost
- » Stems are 1 inch wide
- » Spines small and very short
- » Has hot pink flowers
- » Forms large compact clumps with time
- » Full / filtered sun
- » Water when dry during warm weather
- » Well-drained soil



Echinocereus pectinatus

variety Coahuila

- » Origin: Southwestern United States, northern Mexico
- » Min temp: 25 deg F
- » Height: Under 6 in
- » Usually single
- » Filtered sunlight
- » Water when dry during warm weather
- » Well-drained soil



Dyckia hybrids



- » Origin: Brazil
- » Min temp: 20 deg F
- » 120 species
- » Most cold hardy of Bromeliad genera
- » Form mats
- » Live on or around rocks
- » Full sun
- » Water when dry during warm weather
- » Well-drained soil



Echinocereus russanthus

- » Origin: Big Bend region of Texas; Chihuahua, Mexico
- » Height: 8 – 10 inches
- » Usually single
- » Small dark reddish flowers
- » Full sunlight
- » Water when dry during warm weather
- » Well-drained soil



Echinocereus enneacanthus



- » Origin: southern Texas, northeastern Mexico
- » Frost hardy
- » Habitat: Chihuahuan desert scrub
- » Forms loose clumps
- » May be propagated via cuttings
- » Full sunlight
- » Water when dry during warm weather
- » Well-drained soil



Echinocereus sanpedroensis

- » Origin: Sonora and Durango, Mexico
- » Min temp: 20 deg F
- » Height: 5 – 8 inches
- » Forms clusters
- » Full sunlight
- » Water when dry during warm weather
- » Well-drained soil



Echinocereus stoloniferous

ssp tayopensis



- » Origin: Eastern Sonora and Western Chihuahua, Mexico
- » Min temp: 25 deg F
- » Habitat: open forest, oak woodland transition, desert grassland
- » Forms clumps
- » Can be propagated via a stem cutting ('stolon')
- » Full sunlight
- » Water when dry during warm weather
- » Well-drained soil



Echinocereus triglochidiatus

- » Southwestern United States
- » Frost hardy
- » Forms large clusters over time
- » Aka 'Claret cup hedgehog'
- » Easy to grow
- » Full / filtered sun
- » Well-drained soil
- » Water when dry during warm weather



Echinocereus leedingii



- » Origin: Southeastern Arizona mountains
- » Frost hardy
- » Height: 8 - 10 inches
- » Forms clusters
- » Propagated by rhizomes, tubers
- » Full / filtered sunlight
- » Water when dry during warm weather
- » Well-drained soil



Mammillaria carretii

- » Origin: Nuevo Leon, Mexico
- » Protect from frost
- » Uncommon in collections
- » Height: under 6 inches
- » Clustering, each head 2 inches in diameter
- » Full/ Filtered sunlight
- » Water when dry during warm weather
- » Well-drained soil



Aloe brevifolia



- » Origin: Western Cape, South Africa
- » Min: 25-30 deg F
- » Filtered sunlight
- » Dwarf aloe
- » Creates clumps about 1 foot tall
- » Flowers: Orange-red
- » Water lightly when dry during warm weather
- » Well-drained soil



Echinopsis hybrid

- » Origin: Cultivars (South America)
- » Protect from frost
- » Remarkable for large, tubular, night blooming flowers
- » Flowers variously colored
- » Filtered sunlight
- » Water when dry during warm weather
- » Well-drained soil



Lobivia hybrid



- » Origin: Cultivars (Bolivia, Argentina, Peru)
- » Protect from frost
- » Name is anagram of Bolivia
- » Forms dwarf clusters
- » Profuse flowers, various colors
- » Filtered sun
- » Water lightly when dry during warm weather
- » Well-drained soil



Aloe zanzibarica

- » Origin: Zanzibar (island off the coast of Tanzania in eastern Africa)
- » Protect from frost
- » Forms large mats (photo shows 40-year-old colony at Tanque Verde Greenhouses)
- » Flowers attract hummingbirds
- » Filtered sunlight
- » Water when dry during warm weather
- » Well-drained soil



Mammillaria zeilmaniana



- » Origin (single site): San Miguel de Allende, Guanajuato, Mexico
- » Hardy to 25 deg F if kept dry
- » Habitat: grows in a canyon with volcanic rock, large trees, flowing water
- » Creates clusters in cultivation
- » Blooms abundantly throughout year
- » Water lightly when dry during warm weather
- » Well-drained soil



Agave victoria reginae

- » Origin: Northeastern Mexico
- » Min temp: 25 deg F
- » Filtered sunlight
- » Grows slowly
- » Fibers used for clothing, ropes; plant used for food, alcohol
- » Full / filtered sunlight
- » Water when dry during warm weather
- » Well-drained soil



Leuchtenbergia principis

“Agave Cactus”



- » San Luis Potosi, Chihuahua Mexico
- » Min: 25 deg F
- » Solitary or slow to offset
- » Slow growing
- » Long papery spines resemble dry grass—serve as camouflage
- » Single species in genus
- » Hybrids have been created with Ferocactus (‘Ferobergia’)
- » Filtered sun
- » Water when dry during warm weather
- » Well-drained soil



Rebutia heliosa

var condorensis

- » Origin: Mountainous areas in Bolivia
- » Frost hardy
- » Small clumping cactus that forms a mound
- » Flowers profusely
- » Very sensitive to overwatering
- » Commonly grafted to avoid root problems
- » Water when dry during warm weather
- » Very porous soil



Pleiospilos nelii



- » Origin: S. Africa
- » Min: 32 deg F
- » Filtered sunlight
- » Protect from humidity in July and August
- » Water lightly when dry during warm weather
- » Well-drained soil



Rebutia heliosa

- » Origin: Mountainous areas in Bolivia
- » Frost hardy
- » Small clumping cactus that forms a mound
- » Flowers profusely
- » Height: under 6 inches
- » Filtered sun
- » Commonly grafted to avoid root problems
- » Water when dry during warm weather
- » Very porous soil



Crassula cv “Moonglow”

(Crassula deceptor var arta X falcata)



- » South Africa
- » Protect from frost
- » Height 6-12 inches
- » Filtered sun
- » Water sparingly during warm weather
- » Allow to dry between watering
- » Use very porous soil
- » Prone to rot in cold moist weather



Gymnocalycium baldanianum

- » Origin: Argentina (Catamarca)
- » Not frost hardy
- » Filtered sunlight
- » Grows slowly
- » Water when dry during warm weather
- » Well-drained soil



Sulcorebutia canigueralii



- » Origin: Bolivia
- » Frost hardy
- » Slow growing clustering cactus that forms clumps
- » Need to overwinter in a cool place to enhance flowers
- » Water lightly when dry during warm weather
- » Well-drained soil



X Graptosedum

cv 'Vera Higgins'

- » Mexico
- » Min temp: 25 deg F
- » Cross between graptopetalum / sedum
- » Propagated from leaf cuttings
- » Named after first editor of the journal of the Cactus & Succulent Society of Great Britain
- » Filtered sun
- » Well-drained soil
- » Water when dry during warm weather



Crassula pubescens ssp rattrayi



- » Origin: South Africa (Karoo)
- » Protect from frost
- » Forms dense rosettes to 5 inches
- » Filtered sun
- » Intense sun increases redness
- » Water lightly when dry during warm weather
- » Well-drained soil



Free plant rules

- » One plant per person
- » Must stay until end of meeting
- » Please be courteous

Raffle prices

- » \$1 per ticket
- » Six tickets for \$5





Tucson Cactus and Succulent Society July 2013

Raffle plants
Door prizes
Free plants

Presented by Donna and Robert Ellis

Raffle Plants

Prices:

\$1 per ticket

Six tickets for \$5

Gymnocalycium pugionacanthum



- ◉ Raffle plant
- ◉ Origin: Catamarca - Argentina
- ◉ Min temp: 14 deg F
- ◉ Height under 6 in.
- ◉ Propagated by seed
- ◉ Full / filtered sun
- ◉ Water when dry during warm weather
- ◉ Well-drained soil

Lobivia wegheiana

- [Raffle plant](#)
- Origin: Bolivia, Peru
- Min temp: 14 deg F
- Forms clusters
- Older plants produce long spines
- Has large tap root
- Filtered sunlight
- Water when dry during warm weather
- Keep dry in winter
- Use very draining and porous substrate



Trichocereus candicans

“Argentine Giant”



- Raffle plant
- Origin: Argentina
- Cold hardy to 14 deg F
- Blooms profusely
- Flowers are fragrant
- Forms clumps:
 - > Height: 18 to 24 inches
 - > Width: 36 to 48 inches
- Propagated from seeds, stem cuttings
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Matucana tuberculosa



- Raffle plant
- Origin: Peru
- Protect from frost
- Height under 6 inches
- Forms clusters
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil
- Tends to lose roots in winter if kept wet and cold

Yucca endlichiana

- [Raffle plant](#)
- Origin: Chihuahuan Desert, Mexico
- Min temp: 15 deg F
- Grows on limestone soils at 3,300 to 4,000 ft.
- Forms clusters
- Height: 6 to 12 in.
- Very slow growing
- Red-orange flower grows close to ground; opens to reveal white blossom
- Full / filtered sunlight
- Propagate by seeds, dividing offsets
- Water when dry during warm weather
- Keep dry in winter



Dyckia Hybrid



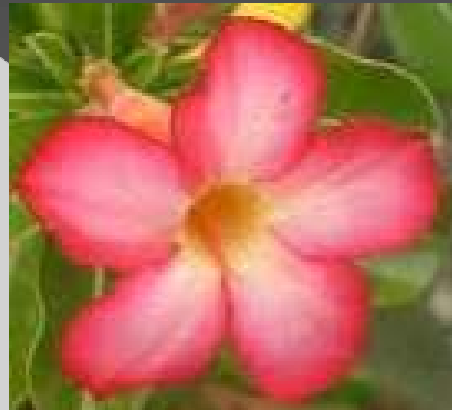
- Raffle plant
- Origin: Brazil
- Min temp: 20 deg F
- 120 species
- Most cold hardy of Bromeliad genera
- Forms a mat
- Lives on or around rocks
- Full sun
- Water when dry during warm weather
- Well-drained soil

Door Prizes

Pick up ticket as you
enter

Must have your TCSS
name tag

Adenium arabicum



- ◉ Door Prize
- ◉ E Africa, S Arabia
- ◉ Hardy to 40 deg F
- ◉ Height: 5 ft.
- ◉ Propagate by cuttings, seeds
- ◉ Bloom: dark pink
- ◉ Full / filtered sun
- ◉ Needs perfect drainage
- ◉ Very prone to rot
- ◉ Keep dry in winter
- ◉ Water when dry during warm weather

Euphorbia neohumbertii

- ◉ [Door prize](#)
- ◉ Origin: Madagascar
- ◉ Protect from frost
- ◉ All parts of plant are poisonous
- ◉ Height: 2 to 4 ft.
- ◉ May branch in time
- ◉ Deciduous
- ◉ Filtered sun
- ◉ Water when dry during warm weather
- ◉ Well-drained soil



Mammillaria schiedeana



- ◉ Door Prize
- ◉ Origin: Hidalgo, Mexico
- ◉ Protect from frost
- ◉ Clusters under 6 in.
- ◉ Propagate by cuttings, seeds
- ◉ Bloom: white/cream
- ◉ Full / filtered sun
- ◉ Slow growing
- ◉ Likes limestone
- ◉ Keep dry in winter
- ◉ Water when dry during warm weather

Kalanchoe synsepala

“Lobster Claw”

- [Door prize](#)
- Origin: Madagascar
- Protect from frost
- Height: 12 to 24 in.
- Flowers ‘walk’ from one pot to another
- Easy to grow
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Mammillaria plumosa



- Door Prize
- Origin: Northeastern Mexico
- Hardy to 20 deg F
- Forms low dense mounds to 16 inches
- Propagate by cuttings, seeds
- Touchable
- Bloom: white/cream
- Full / filtered sun
- Slow growing
- Keep dry in winter
- Water when dry during warm weather

Mammillaria boolii

- ◉ [Door prize](#)
- ◉ Origin: Sonora, Mexico (sea level)
- ◉ Protect from frost
- ◉ Usually solitary but may cluster in time
- ◉ Full / filtered sun
- ◉ Water when dry during warm weather
- ◉ Use gritty soil
- ◉ Keep dry in winter
- ◉ May be prone to rotting



Free Plants

Rules:

One plant per person

Must stay until end of meeting

Please be courteous

Pick up your 'ABC- 123 Care Code Sheet' on free table

Acanthocalycium thionanthum



- Free plant
- Origin: Argentina
- Cold hardy to 14 deg F
- Habitat: mountain slopes
- Strong spines
- Height: To 5 inches
- Width: 2 to 4 inches
- Usually solitary
- Propagated from seeds, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Echinopsis calorubra

(White flowered form)

- [Free plant](#)
- Origin: Bolivia
- Cold hardy
- May cluster in time
- Flowers have scent of parsley
- Width: 6 to 9 inches
- Height: 6 to 12 inches
- Propagate from seeds, stem cuttings
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Gymnocalycium chiquitanum



- Free plant
- Origin: Southern south America
- Protect from frost
- Flowers white to pink
- Flattened globular shape
- Strong spines
- Height: To 6 inches
- Width: 6 to 9 inches
- Forms clusters
- Propagated from seed
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Gymnocalycium saglione

("Giant Chin Cactus")

- Free plant
- Origin: Argentina
- Cold hardy
- Solitary
- Width: up to 12 inches
- Height: up to 3 feet
- Propagate from seeds
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Micranthocereus streckeri



- Free Plant
- Origin: Brazil
- Protect from frost
- Width: Clusters to 3 ft.
- Height: up to 3 ft.
- Propagated from stem cuttings or seed
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Notocactus uebelmannianus

- [Free plant](#)
- Origin: Brazil
- Cold hardy
- Solitary
- Height: 6 to 12 inches
- Diameter: up to 6 inches
- Propagate from seeds (germinate in gelatin or agar)
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Notocactus werdermannianus



- Free Plant
- Origin: Uruguay
- Cold hardy
- Solitary
- Propagated from seed
- Filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Oreocereus celsianus

“Old Man of the Mountain”

- [Free plant](#)
- Origin: High altitudes in Argentina, Bolivia, Peru
- Cold hardy
- Forms clusters
- Height: Up to 10 ft.
- Propagate from seeds
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Oreocereus leucotrichus



- Free Plant
- Origin: Orico, N Chile
- Cold hardy
- Forms clusters
- Propagated from seed
- Amount of wool can vary
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Sulcorebutia menesesii

- [Free plant](#)
- Origin: Bolivia
- Grow in Andes at elevations 8000 to 12,000 ft.
- Cold hardy
- Form clusters
- Propagate from seeds
- Have a tap root
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Tephrocactus articulatus v diadematus



- Free Plant
- Origin: Argentina
- Cold hardy
- Forms large clusters
- Propagated from segments that are loosely attached and fall easily
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Weingartia pulquinensis

- [Free plant](#)
- Origin: Bolivia and Peru
- Protect from frost
- Usually solitary
- Diameter: up to 4 inches
- Height: up to 8 inches
- Benefits from regular re-potting
- Filtered sun
- Water when dry during warm weather
- Well-drained soil





Tucson Cactus and Succulent Society August 2013

Raffle plants
Door prizes
Free plants

Presented by Donna and Robert Ellis

Raffle Plants

Prices:

\$1 per ticket

Six tickets for \$5

Sanseveria trifasciata

cv 'Hahnii'



- Raffle plant
- Origin: Africa
- Protect from frost
- Suitable for growing indoors
- Height: 6-12 inches
- Propagated from pups
- All parts of plant are poisonous
- Shade / Filtered sun
- Water when dry during warm weather
- Keep fairly dry during winter
- Well-drained soil

Espositoa melanostele

ssp nana

- [Raffle plant](#)
- Origin: Peru
- Tender; protect from frost
- Stems cylindrical
- Up to 5 feet tall
- May form long lateral cephalum
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Crassula ovata cv "Sunset Jade"



- [Raffle plant](#)
- Origin: South Africa
- Protect from frost
- Easy to grow / resilient
- Fast growing
- Roots easily from cuttings
- Flowers are pale pink
- Full / Filtered sun
- Water when dry during warm weather
- Keep fairly dry during winter
- Well-drained soil

Soehrensia uebelmanniana



- Raffle plant
- Origin: Argentina, Chile (mountains)
- Cold hardy
- May cluster in time
- Width: up to 12 inches
- Height: 4 to 6 feet
- Propagate from stem cuttings
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Matucana weberbaueri v flammeus

- [Raffle plant](#)
- Origin: Peru
- Protect from frost in cold locations
- Usually solitary, may form cluster in time
- Height: up to 24 in.
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Dyckia hybrid



- [Raffle plant](#)
- Origin: Central Brazil
- Min temp: 20 deg F
- 120 species
- Most cold hardy of Bromeliad genera
- Xeromorphic
- Has no internal water storage
- Forms a mat
- Lives on or around rocks
- Full sun
- Water when dry during warm weather
- Well-drained soil

Door Prizes

Pick up ticket as you
enter

Must have your name
tag

Aloe hybrid 'Nobilis'

- ◉ [Door prize](#)
- ◉ Origin: South Africa
- ◉ Hardy to 25 deg F
- ◉ Width: Clusters to 24 inches
- ◉ Height: up to 24 inches
- ◉ Propagated from offsets
- ◉ Full / Filtered sun
- ◉ Water when dry during warm weather
- ◉ Well-drained soil



Acanthocalycium thionanthum



- Door prize
- Origin: Argentina
- Cold hardy to 14 deg F
- Habitat: mountain slopes
- Strong spines
- Height: To 5 inches
- Width: 2 to 4 inches
- Usually solitary
- Propagated from seeds, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Euphorbia ferox

- ◉ [Door prize](#)
- ◉ Origin: South Africa, Great Karoo
- ◉ Tolerates light frosts
- ◉ Width: Clusters to 18 inches
- ◉ Height: up to 12 inches
- ◉ Propagated from offsets
- ◉ Filtered sun
- ◉ Water when dry during warm weather
- ◉ Well-drained soil



Notocactus werdermannianus



- ◉ Door prize
- ◉ Origin: Uruguay
- ◉ Cold hardy
- ◉ Solitary
- ◉ Propagated from seed
- ◉ Filtered sun
- ◉ Water when dry during warm weather
- ◉ Well-drained soil
- ◉ Keep dry in winter

Micranthocereus streckeri

- ◉ [Door prize](#)
- ◉ Origin: Brazil
- ◉ Protect from frost
- ◉ Width: Clusters to 3 ft.
- ◉ Height: up to 3 ft.
- ◉ Propagated from stem cuttings or seed
- ◉ Full / filtered sun
- ◉ Water when dry during warm weather
- ◉ Well-drained soil



Sulcorebutia menesesii



- Door prize
- Origin: Bolivia
- Grows in Andes at elevations 8000 to 12000 ft.
- Cold hardy
- Forms clusters
- Propagate from seeds
- Has a tap root
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Weingartia pulquinensis

- [Door prize](#)
- Origin: Bolivia and Peru
- Protect from frost
- Usually solitary
- Diameter: up to 4 inches
- Height: up to 8 inches
- Benefits from regular re-potting
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Free Plants

Rules:

One plant per person

Must stay until end of meeting

Please be courteous

Faucaria felina



- Free plant
- Origin: South Africa, Cape Province
- Tolerates short periods of frost
- Has soft white teeth
- Height: up to 5 inches
- Width: 2 to 4 inches
- Forms clusters
- Propagated from seeds
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Pleiospilos nelii

- [Free plant](#)
- Origin: South Africa, Karoo
- Protect from frost
- Dwarf stemless succulent (Mesemb)
- Width: 2 to 4 inches
- Height: 2 to 3 inches
- Flowers form woody capsules - tiny seeds are splashed out by raindrops
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Ihlenfeldtia vanzylii



- Free plant
- Origin: South Africa
- Protect from frost
- Resembles Cheiridopsis but seed capsules are similar to Titanopsis
- Height: up to 3 inches
- Width: up to 4 inches
- Forms clusters
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather; water sparingly to avoid bursting plant
- Well-drained soil

Mammillaria carmenae

- [Free plant](#)
- Origin: Mexico
- Cold hardy
- May form offsets around base
- Width: 2 to 4 inches
- Height: up to 4 inches
- Propagate from seeds, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Coryphantha elephantidens



- Free plant
- Origin: Michoacán, Mexico
- Min temp: 28 deg F
- Forms clumps with age
- Flowers pink, white, yellow
- Forms offsets around base
- Propagated from cuttings or seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Escobaria hesteri

- [Free plant](#)
- Origin: Texas (Brewster Co)
- Cold hardy to 15 deg F
- Dwarf cactus
- Forms clusters by offsetting
- Height: up to 6 inches
- Diameter: up to 6 inches
- Prolific bloomer
- Propagated from seeds, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Thelocactus bicolor

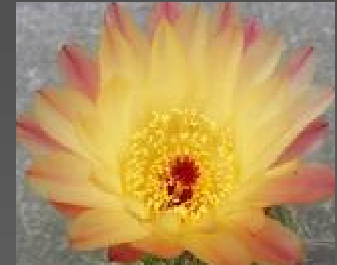
'Glory of Texas'



- Free plant
- Origin: Chihuahua desert from Texas to San Luis Potosi, Mexico
- Cold hardy
- Solitary
- Natural habitat: limestone or sandstone outcrops
- Propagated from seed
- Height: up to 12 inches
- Full sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Notocactus concinnus

- [Free plant](#)
- Origin: Uruguay
- Protect from frost
- Solitary
- Height: up to 6 inches
- Width: up to 4 inches
- Propagate from seeds
- Full / filtered sun
- Water when dry during warm weather
- Keep dry in winter
- Well-drained soil



Thelocactus hexaedrophorus



- [Free plant](#)
- Origin: San Luis Potosi, Tamaulipas, Nuevo Leon, Mexico
- Cold hardy
- Solitary
- White flower
- Very slow growing
- Height: up to 8 inches
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Mammillaria melanocentra ssp. rubrograndis

- [Free plant](#)
- Origin: Tamaulipas, Nuevo Leon Mexico
- Min temp: 20 deg F
- Solitary
- Height: up to 4 inches
- Width: up to 6 inches
- Propagated from cuttings, seeds
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Astrophytum capricorne



- Free plant
- Origin: Chihuahua desert, northern Mexico
- Tolerates mild frost for short periods
- Solitary
- Small plants are globular; eventually become columnar
 - > Height: up to 1 foot or more
 - > Width: up to 6 inches
- Spines are stiff and pliable; serve as grass-like camouflage
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter



Tucson Cactus and Succulent Society September 2013

RAFFLE PLANTS

DOOR PRIZES

FREE PLANTS

Presented by Donna and Robert Ellis

RAFFLE PLANTS

Prices:

\$1 per ticket

Six tickets for \$5

Ferocactus gracilis



- Raffle plant
- Origin: Baja California (Mexico)
- Min temp: 20 deg F
- Slow growing, solitary
- Height: 3 to 5 feet
- Diameter: up to 12 inches
- Solitary
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Keep fairly dry during winter
- Well-drained soil

Mammillaria rekoii

ssp leptacantha

- Raffle plant
- Origin: Oaxaca, Mexico
- Min temp: 20 deg F
- Forms clusters
- Height: 9 inches
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Hoodia gordonii



- **Raffle plant**
- **Origin: South Africa, Namibia**
- **Frost hardy**
- **May form large clusters**
- **San tribes people use plant extract to suppress appetite on long hunting trips in Kalahari**
- **Related to Stapelia**
- **Flowers pollinated by flies**
- **Full / filtered sun**
- **Water when dry during warm weather**
- **Keep fairly dry during winter**
- **Well-drained soil**

Echinopsis melanopotamica

- Raffle plant
- Origin: Argentina
- Min temp: 14 deg F
- Usually solitary, may cluster in time
- Forms cylindrical stem with strong spines
- Height: up to 36 in.
- Propagated from seeds or offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Buiningia brevicylindrica



- Raffle plant
- Origin: Brazil
- Protect from frost
- Grows into a cluster of short cylindrical stems
- Forms cephalium on side of plant
- Width: up to 7 inches
- Height: up to 11 inches
- Propagated from seeds
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Jatropha podagrica

- Raffle plant
- Origin: Central America, Honduras, Nicaragua
- Protect from frost
- Height: to 18 inches
- Member of Euphorbia family
- All parts of plant are poisonous
- Aka 'Buddha Belly'
- Filtered sun / partial shade
- Water when dry during warm weather
- Well-drained soil





DOOR PRIZES

Pick up ticket as you enter

Must have your name tag



Dorstenia crispa x foetida



- Door prize
- Origin: Native to vast area from North and East Africa to Arabian peninsula
- Protect from frost !!
- May form clusters
- Disk-shaped flower structure contains multitude of miniscule flowers
- Height: 12 to 15 inches
- Propagated via seedpods that explode when ripe
- Drops leaves during winter rest
- Filtered sun / partial shade
- Water when dry during warm weather
- Well-drained soil

Acanthocalycium thionanthum

- Door prize
- Origin: Argentina
- Cold hardy to 14 deg F
- Habitat: mountain slopes
- Strong spines
- Height: To 5 inches
- Width: 2 to 4 inches
- Usually solitary
- Propagated from seeds, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Monadenium ritchiei



- Door prize
- Origin: East Africa, Kenya
- Protect from frost
- Forms compact clumps
- Height: up to 10 inches
- Propagated from offsets
- Leaves and stems may take purple hue in cool weather
- Filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Sulcorebutia menesesii

- Door prize
- Origin: Bolivia
- Grows in Andes at elevations 8000 to 12000 ft.
- Cold hardy
- Forms clusters
- Propagated from seeds
- Has a tap root
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Micranthocereus streckeri



- Door prize
- Origin: Brazil
- Protect from frost
- Width: Clusters to 3 ft.
- Height: up to 3 ft.
- Propagated from stem cuttings or seed
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Ihlenfeldtia vanzylii



- Door prize
- Origin: South Africa
- Protect from frost
- Height: up to 3 inches
- Width: up to 4 inches
- Forms clusters
- Propagated from seed
- Full / filtered sun
- Water when dry during warm weather; water sparingly to avoid bursting plant
- Well-drained soil

Weingartia pulquinensis

- Door prize
- Origin: Bolivia and Peru
- Protect from frost
- Usually solitary
- Diameter: up to 4 inches
- Height: up to 8 inches
- Benefits from regular re-potting
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



FREE PLANTS

Rules:

One plant per person

Must stay until end of meeting

Please be courteous

Faucaria felina

- Free plant
- Origin: South Africa, Cape Province
- Tolerates short periods of frost
- Has soft white teeth
- Height: up to 5 inches
- Width: 2 to 4 inches
- Forms clusters
- Propagated from seeds
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Leuchtenbergia principis



- Free plant
- Origin: Occurs sparsely over a large area in north-central Mexico
- Protect from frost
- Solitary ; very slow growing
- May hybridize with Ferocactus
- Height: to 27 inches
- Long papery spines resemble grass and camouflage plant in its desert grassland habitat
- Propagated from seed
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria carmenae

- Free plant
- Origin: Mexico
- Cold hardy
- May form offsets around base
- Width: 2 to 4 inches
- Height: up to 4 inches
- Propagated from seeds, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



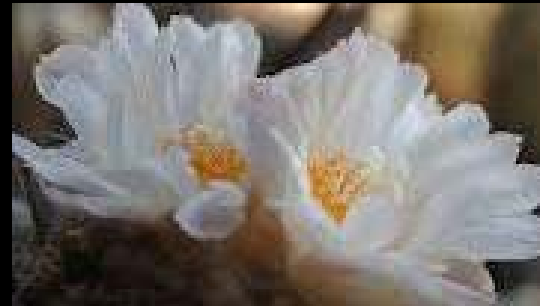
Matucana madisoniorum



- Free plant
- Origin: Peru
- Protect from frost
- Solitary; may clump in time
- Spination is variable
- Height: to 6 inches
- Diameter: to 4 inches
- Propagated from seed or offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Ariocarpus retusus ssp retusus

- Free plant
- Origin: Mexico
- Cold hardy to 14 deg F
- Solitary and slow growing
- Habitat: high Chihuahuan desert
- Flat tuberous body lies below soil and projects tubercles above ground
- Height: up to 5 inches
- Diameter: up to 10 inches
- Propagated from seeds
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry during cold weather



Mammillaria loydii



- Free plant
- Origin: San Luis Potosi, Mexico
- Cold hardy
- Solitary
- Rare in private collections
- Propagated from seed
- Height: up to 4 inches
- Diameter: up to 6 inches
- Full sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Mammillaria glassii

- Free plant
- Origin: Mexico
- Cold hardy
- Offsets profusely
- Forms a beautiful low, white mat
- Height: up to 6 inches
- Propagated from seeds, offsets
- Full / filtered sun
- Water when dry during warm weather
- Keep dry in winter
- Well-drained soil



Thelocactus rinconensis



- **Free plant**
- **Origin: Coahuila and Nuevo Leon, Mexico**
- **Cold hardy**
- **Solitary; has depressed stem**
- **White flower**
- **Height: up to 5 inches**
- **Diameter: up to 8 inches**
- **Propagated from seed**
- **Full / filtered sun**
- **Water when dry during warm weather**
- **Well-drained soil**
- **Keep dry in winter**

Ferocactus macrodiscus

- Free plant
- Origin: San Luis Potosi, Guanajuato, Mexico
- Min temp: 25 deg F
- Solitary; slow growing
- Aka: 'Candy Barrel'
- Height: up to 12 inches
- Diameter: up to 12 inches
- Propagated from seeds
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Ferocactus cylindraceus

ssp tortulispinus



- Free plant
- Origin: Baja California
- Tolerates mild frost
- Usually solitary
- Small plants are globular; eventually become columnar
 - Height: up to 4 feet
 - Diameter: up to 16 inches
- Spines are stiff and pliable; color is variable
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Obregonia denegrii

- **Free plant**
- **Origin: Tamaulipas, Mexico**
- **Min temp: 25 deg F**
- **Solitary; slow growing**
- **Monospecific genus**
- **Height: up to 6 inches**
- **Diameter: up to 6 inches**
- **Contains psychotropic alkaloids**
- **Propagated from seeds**
- **Full / filtered sun**
- **Water when dry during warm weather**
- **Well-drained soil**



Echinocereus rigidissimus

ssp rubispinus



- Free plant
- Origin: Chihuahua, Mexico
- Min temp: 15 deg F
- Solitary
 - Height: up to 8 inches
 - Diameter: up to 4 inches
- Spine color varies between reddish brown, grey, pink, and white in alternating horizontal bands
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in cold weather



Tucson Cactus and Succulent Society October 2013

**RAFFLE PLANTS
DOOR PRIZES
FREE PLANTS**

Presented by Donna and Robert Ellis

RAFFLE PLANTS

Prices:

\$1 per ticket

Six tickets for \$5

Ferocactus viridescens v orcuttii



- Raffle plant
- Origin: Baja California (Mexico) and southwestern California
- Aka "Coast Barrel" or "San Diego Barrel"
- Min temp: 25 deg F
- Found in rocky coastal bluffs
- Usually solitary
 - Width: up to 10 inches
 - Height: up to 15 inches
- Propagated from seed
- Full/ filtered sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria albicoma

- Raffle plant
- Origin: San Luis Potosi, Nuevo Leon, Tamaulipas Mexico
- Min temp: 30 deg F
- Forms flat mats
 - Height: up to 6 inches
 - Diameter: up to 9 inches
- Propagated from seeds
- Full / filtered sun
- Water when dry during warm weather
- Use well-drained soil



Melocactus concinnus



- Raffle plant
- Origin: Brazil
- Vulnerable to any frost
- One of the smaller melocacti
 - Width: 4 to 7 inches
 - Height: up to 6 inches
- Usually solitary
- Shape: "Squashed ball"
- Forms cephalum
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Euphorbia fruticosa



- Raffle plant
- Origin: Yemen
- Min temp: 32 deg F
- Columnar, branching at the base
 - Width: up to 4 inches
 - Height: up to 20 inches
- Propagated by cuttings
- Filtered sun/shade
- Can be grown as a houseplant
- Water when dry during warm weather
- Well-drained soil

Coryphantha cornifera

- **Raffle plant**
- **Origin: Queretero, Hidalgo, Guanajuato, San Luis Potosi, Mexico**
- **Min temp: 30 deg F**
- **Usually solitary**
- **Globose to cylindrical**
 - **Height: up to 6 inches**
 - **Diameter: up to 6 inches**
- **Propagated from seeds**
- **Full / filtered sun**
- **Water when dry during warm weather**
- **Use well-drained soil**



Euphorbia spp



- Raffle plant
- Origin: Africa, Madagascar, north and south America
- Min temp: 32 deg
- 2000 diverse species in genus
- Most have a poisonous milky sap
- Also referred to as "spurges"
- Propagated from seeds and cuttings
- Full / filtered sun
- Water when dry during warm weather
- Use well-drained soil



DOOR PRIZES

Pick up ticket as you enter

Must have your name tag



Euphorbia horrida

- Door prize
- Origin: South Africa (lower Great Karoo)
- Min temp: 25 deg F
- Forms clusters
 - Height: up to 24 inches
 - Diameter: up to 7 inches
- Stiff spines are dried remnants of flower stalks
- Propagated from seeds
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Rabiea difformis



- Door prize
- Origin: South Africa (Cape Province)
- Protect from frost
- Forms low mat for groundcover
 - Height: up to 6 inches
- Propagated from seeds or by dividing rhizomes
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Ferocactus gracilis



- Door prize
- Origin: Baja California (Mexico)
- Min temp: 20 deg F
- Slow growing, solitary
- Height: 3 to 5 feet
- Diameter: up to 12 inches
- Solitary
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Keep fairly dry during winter
- Well-drained soil

Ferocactus macrodiscus

- Door prize
- Origin: San Luis Potosi, Guanajuato, Mexico
- Min temp: 25 deg F
- Solitary; slow growing
- Aka: 'Candy Barrel'
- Height: up to 12 inches
- Diameter: up to 12 inches
- Propagated from seeds
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Micranthocereus streckeri



- Door prize
- Origin: Brazil
- Protect from frost
- Width: Clusters to 3 ft.
- Height: up to 3 ft.
- Propagated from stem cuttings or seed
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Thelocactus rinconensis ssp freudenbergerii



- Door prize
- Origin: Coahuila and Nuevo Leon, Mexico
- Cold hardy
- Solitary; has depressed stem
- Height: up to 5 inches
- Diameter: up to 8 inches
- Propagated from seed
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Matucana madisoniorum



- Door prize
- Origin: Peru
- Protect from frost
- Solitary; may clump in time
- Spination is variable
- Height: to 6 inches
- Diameter: to 4 inches
- Propagated from seed or offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

FREE PLANTS

Rules:

One plant per person

Must stay until end of meeting

Please be courteous

Euphorbia stellata

- Free plant
- Origin: South Africa, Madagascar
- Min temp: 25 deg F
- Solitary caudiciform plant
 - Height: up to 6 inches
 - Width: up to 3 inches
- Propagated from seeds and cuttings
- Slow growing
- Full / filtered sun
- Water when dry during warm weather
- Keep dry in winter
- Well-drained soil



Aloe marlothii

- **Free plant**
- **Origin: Southern Africa**
- **Tolerates short periods of frost**
- **Grows into large robust single stem plant**
 - **Height: up to 12 feet**
 - **Width: up to 3 feet**
- **Propagated from seeds**
- **Full / filtered sun**
- **Water when dry during warm weather**
- **Well-drained soil**



Ferocactus latispinus



- **Free plant**
- **Origin: Central, south Mexico**
- **Can tolerate light frost**
- **Blooms early in year**
- **Small flat topped barrel cactus**
 - **Height: up to 12 inches**
 - **Width: up to 16 inches**
- **Full / filtered sun**
- **Water when dry: during warm weather**
- **Use highly porous, well-drained soil**



Aloe wickensii

- **Free plant**
- **Origin: Southern Africa**
- **Min temp: 20-25 deg F**
- **Grows into large plant with rosettes**
 - **Height: up to 3 feet**
 - **Width: up to 3 feet**
- **Propagated from seeds**
- **Full / filtered sun**
- **Water when dry during warm weather**
- **Well-drained soil**



Peniocereus marianus



- **Free plant**
- **Origin: Sonora and Sinaloa, Mexico**
- **Tolerates frost**
- **Night blooming**
- **Flowers are half the size of P. greggii**
- **Full / filtered sun**
- **Water when dry: during warm weather**
- **Use highly porous, well-drained soil**



Coryphantha hesteri

- Free plant
- Origin: Southwestern Texas
- Tolerates frost
- Dwarf cactus: up to 2 inches wide
- Habitat: semi-desert grasslands and oak-juniper-pinyon
- Usually solitary but clusters with age
- Prolific bloomer
- Grows very slowly
- Propagated from seeds and cuttings
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Bursera microphylla



- **Free plant**
- **Origin: California, Arizona**
- **Tolerates frost**
- **Forms a shrub or small tree with a caudiciform trunk**
- **Height: 12-15 feet**
- **Has a fragrant, spicy odor**
- **Propagated by removal of offsets**
- **Full/filtered sun**
- **Water when dry during warm weather**
- **Use highly porous, well-drained soil**



Moringa ovalifolia

- Free plant
- Origin: Namibia
- Protect from frost
- Grows into a tree up to 30 feet in height
- Has a solitary, succulent bottle-shaped trunk
- Fairly fast growing
- Propagated from seed
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Gasteria gracilis variegata



- Free plant
- Origin: Nursery cultivar
- Protect from frost
- Forms rosettes up to 8 inches in diameter
- Propagated by removal of offsets
- Filtered sun
- Water when dry during warm weather
- Use highly porous, well-drained soil



Faucaria felina

- Free plant
- Origin: South Africa, Cape Province
- Tolerates short periods of frost
- Has soft white teeth
- Height: up to 5 inches
- Width: 2 to 4 inches
- Forms clusters
- Propagated from seeds
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Sempervivum arachnoideum



- Free plant
- Alps and Carpathian Mtns
- Forms mats of rosettes called 'hens and chicks'
- Frost hardy
- In Europe traditionally grown on rooftops between thatching, tiles, or timbers, hence the name 'House Leeks'
- Does well in rock crevices
- Full / filtered sun
- Water when dry during warm weather
- Use highly porous, well-drained soil



Mammillaria carmenae

- Free plant
- Origin: Mexico
- Cold hardy
- May form offsets around base
- Width: 2 to 4 inches
- Height: up to 4 inches
- Propagated from seeds, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Astrophytum capricorne



- Free plant
- Origin: Chihuahua desert, northern Mexico
- Tolerates mild frost for short periods
- Solitary
- Small plants are globular; eventually become columnar
 - Height: up to 1 foot or more
 - Width: up to 6 inches
- Spines are stiff and pliable; serve as grass-like camouflage
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Pachypodium namaquanum

- Free plant
- Origin: Southern Africa (Richtersveld)
- Can tolerate light frost
- Usually solitary
- Forms tree up to 10 feet tall
- Grows extremely slowly
- Full / filtered sun
- Water when dry during warm weather
- Keep dry in winter
- Well-drained soil



Pachypodium lamerei



- **Free plant**
- Origin: Madagascar
- Protect from frost
- Forms tree up to 15 feet tall
 - Stems up to 12 inches in width
- Leaves are deciduous in winter
- Can be grown indoors
- Propagate by seed or removal of offshoots that form at base
- Filtered sun/shade
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Fockea edulis

- Free plant
- Origin: Southern Africa
- Takes frost for a short time
- Two kinds of branches: tree-like and vine
- Semi-deciduous caudiciform
- Full / filtered sun
- Water when dry during warm weather
- Keep dry in winter
- Well-drained soil



Euphorbia ferox

- Free plant
- Origin: South Africa, Great Karoo
- Tolerates light frosts
- Width: Clusters to 18 inches
- Height: up to 12 inches
- Propagated from offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

