

Tucson Cactus and Succulent Society January 2019

RAFFLE PLANTS DOOR PRIZES FREE PLANTS

Presented by Donna and Robert Ellis

RAFFLE PLANTS

Prices: \$1 per ticket Six tickets for \$5

Yucca rostrata

- Raffle plant
- Origin: Texas; Mexico (Coahuila, Chihuahua)
- Min temp: to 14 deg
- AKA 'Big Bend Yucca'
- May be solitary or branching
 - Stem height: to 12-16 ft
 - Stem diameter: to 3 ft
- Propagated from seed
- Full sun
- Water when dry during warm weather (does not need to be watered once established)
- Use well drained soil mix



Uebelmannia pectinifera



- Raffle plant
- Origin: Brazil (Minas Gerais)
- Min temp: protect from frost
- Often grafted
- Rare
- Usually solitary
 - Stem height: to 24 in
 - Stem diameter: to 5 in
- Propagated by seed
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Beaucarnea recurvata

- Raffle plant
- Origin: Mexico (Tamaulipas, Veracruz)
- Min temp: 25 deg F
- Grows slowly
- Usually has solitary caudex with single trunk
 - Diameter: to 24 inches
 - Height: to 15 feet
- Propagated from seed, offsets taken from base
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Mammillaria thornberi

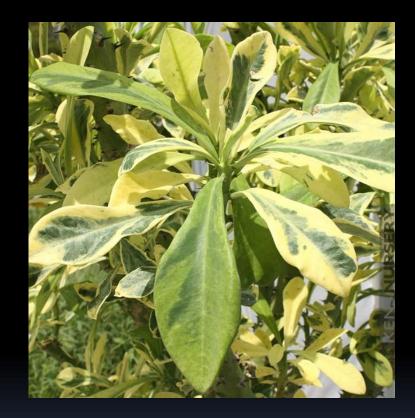


Raffle plant

- Origin: Arizona; Mexico (Sonora)
 - TCSS Field Guide page 150
- Min temp: to 14 deg F
- Grows under nurse plants
- Forms a cluster with branches that all root in the ground
 - Stem height: to 4 in
 - Stem diameter: to 1 in
- Propagated from seeds or cuttings
- Full sun
- Water when dry during warm weather
- Well-drained soil

Euphorbia nerifolia variegata

- Raffle plant
- Origin: India
- Min temp: protect from frost
- Habitat: dry rocky ground
- Forms small tree
 - Height: to 12 ft
 - Diameter: to 3 ft
- Propagated from seed, cuttings
- Full / Filtered sun
- Use well-drained soil



Opuntia pycnantha





<u>Raffle plant</u>

- Origin: Mexico (Baja California)
- Min temp: protect from frost?
- Grows in coastal scrub in sandy soil or dunes
- Forms numerous branches
 - Height: to 2 ft
 - Diameter: to 2 ft
 - Propagated from seeds or cuttings
- Full sun
- Water when dry during warm weather
- Well-drained soil

DOOR PRIZES

Pick up ticket as you enter Must have your name tag

Mammillaria prolifera



Door prize

- Origin: USA (Texas); Mexico (Coahuila, Nuevo Leon); Cuba; Dominican Republic; Haiti
- Min temp: to 14 deg F
- Forms clusters with age
 - Stem diameter: to 2 in
 - Stem height: to 2 in
- Full / Filtered sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil

Euphorbia tirucalli 'Firestick'

- Door prize
- Origin: South Africa, India
- Min temp: to 25 deg F
- Forms shrub
 - Diameter: to 6 ft
 - Height: to 6 ft
- Propagated from seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Mammillaria standleyi



Door prize

- Origin: Mexico (Sierra Madre in Sinaloa, Chihuahua, Sonora)
- Min temp: give protection in colder areas
- Forms clusters
 - Stem diameter: to 5 in
 - Height: to 5 in
- Propagated from cuttings, seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Aloe hybrid 'nobilis'

- Door prize
- Origin: South Africa
- Hardy to 25 deg F
- Forms clusters
 - Stem diameter: to 7 in
 - Height: up to 24 inches
- Propagated from offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil







Opuntia sulfurea





- Door prize
- Origin: Argentina, Bolivia
- Min temp: to 25 deg F
- Branching pads
 - Height: to 18 inches
 - Joint length: to 8 in
- Propagated from seed or cuttings
- Full sun
- Water when dry during warm weather
- Use well-drained soil

Agave potatorum (dwarf)

- Door prize
- Origin: Mexico
- Min temp: protect from frost
- Forms clusters
 - Stem height: to 6 in
 - Stem diameter: to 8 in
- Propagated from seed, offsets
- Filtered sun
- Well-drained soil



FREE PLANTS

Rules: One plant per person Must stay until end of meeting Please be courteous

Mammillaria longimamma



- Free plant
- Origin: Mexico (Hidalgo, Queretaro)
- Min temp: to 14 deg F
- At first solitary but forms clusters in time
 - Stem diameter: to 4 in
 - Stem height: to 4 in
- Propagated from seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Dyckia rariflora

- Origin: Brazil (Minas Gerais)
- Min temp: protect from frost
- Forms small clusters
 - Diameter: to 12 in
 - Leaf length: to 8 in
- Full / Filtered sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil





Mammillaria plumosa



- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- Has soft, feathery spines
- Forms low dense clumps
 - Stem diameter: to 3 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Pleiospilos nelli

- Origin: South Africa (Little Karoo, Great Karoo)
- Min temp: protect from frost
- Forms small clusters
 - Stem diameter: to 3 in
 - Clump height: to 3 in
- Full / Filtered sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil



Astrophytum myriostigma



- Free plant
- Origin: Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Didierea trollii

- Free plant
- Origin: Madagascar
- Min temp: protect from frost
- Spiny stems initially grow along the ground
- Eventually grow into erect shrub resembling an octopus
 - Shrub height: to 6 ft
 - Shrub width: to 2 ft
- Filtered sun
- Propagated from offsets
- Water when dry during warm weather
- Use porous, well-drained soil



Sulcorebutia candiae



- Origin: Bolivia
- Min temp: to 14 deg F
- Solitary, may form clusters with age
 - Stem diameter: to 2 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Lithops (assorted species)

<u>Free plant</u>

- Origin: South Africa
- Min temp: protect from frost
- Flower white or yellow
- Forms small clusters
 - Stem diameter: to 2 in
 - Height: to 1 in
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Astrophytum ornatum



- Origin: Mexico (Hidalgo, Queretaro, Guanajuato)
- Min temp: to 14 deg F
- Forms solitary short column
 - Diameter: to 1 ft
 - Height: to 3 ft
- Full sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Albuca namaquensis

- Free plant
- Origin: South Africa (Eastern Cape); Namibia
- Min temp: protect from frost
- Forms clusters of bulbs
 - Height: to 6 in
 - Bulb width: to 1 in
- Filtered sun
- Propagated from offsets
- Water when dry during warm weather
- Use porous, well-drained soil



Mammillaria decipiens ssp decipiens



- Free plant
- Origin: Mexico (San Luis Potosi, Guanajuato, Queretaro)
- Min temp: protect from frost in colder areas
- Forms clusters
 - Stem diameter: to 2 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Albuca bracteata

- <u>Free plant</u>
- Origin: South Africa (Cape Provinces, KwaZulu-Natal)
- Min temp: protect from frost
- Forms clusters of bulbs above ground
 - Height: to 6 in
 - Bulb width: to 1 in
- Sap can cause contact dermatitis
- Filtered sun
- Propagated from bulbets, seed
- Water when dry during warm weather
- Use porous, well-drained soil





Coryphantha macromeris



- Origin: USA (SW Texas, New Mexico); Mexico (Chihuahua, Coahuila, Durango, Zacatecas)
- Min temp: to 14 deg F
- Has deep taproot
- Branches, forms low mound
 - Stem diameter: to 4 in
 - Stem height: to 6 in
- Propagated from seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Euphorbia fruticosa

- <u>Free plant</u>
- Origin: Yemen
- Min temp: protect from frost
- Grows in drought-deciduous shrub-land
- Forms clusters branching at base
 - Stem height: to 16 in
 - Stem width: to 3 in
- Sap can cause contact dermatitis
- Filtered sun
- Propagated from offsets, seed
- Water when dry during warm weather
- Use porous, well-drained soil



Copiapoa barquitensis



- Free plant
- Origin: Chile (Antofagasta)
- Min temp: protect from frost
- Usually solitary
 - Width: to 2 in
 - Height: to 3 in
- Propagated from seed
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Pachycereus schottii var mieckleyanus monstrose



- Free plant
- Origin: Cultivar
- Min temp: protect from frost
- Grows slowly
- This form has thinner stems with less tubercles
- Forms tall columnar stems that branch at the base
 - Stem height: to 12 ft
 - Stem width: to 3 in
- Full / Filtered sun
- Propagated from cuttings, offsets
- Water when dry during warm weather
- Use porous, well-drained soil

Tylocodon paniculatus var dinteri

- Free plant
- Origin: South Africa (Cape Provinces); Namibia
- Min temp: protect from frost
- Deciduous in summer heat
- Forms short branching tree
 - Height: to 3 ft
 - Width: to 3 ft
- Filtered sun
- Propagated from cuttings, seed
- Water when dry during warm weather
- Use porous, well-drained soil



Ferocactus wislizeni



- Origin: USA (Arizona, New Mexico, Texas); Mexico (Sonora, Chihuahua)
- Min temp: to 14 deg F
- Aka 'Fishhook Barrel'
- Usually solitary
 - Stem diameter: to 24 in
 - Stem height: to 6 ft
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Thank You To Our Plant Suppliers This Month: • Mike Ellis

EcoGrowTCSS Cactus Rescue Crew





Tucson Cactus and Succulent Society February 2019

RAFFLE PLANTS DOOR PRIZES FREE PLANTS

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Ferocactus histrix



- <u>Raffle</u>
- Origin: Mexico (central)
- Min temp: protect from frost in colder areas
- Usually solitary
 - Diameter: to 2 ft
 - Height: to 3 ft
- Threatened in habitat
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Agave colorata hybrid

- Raffle
- Origin: Mexico (Sonora)
- Min temp: to 18 deg F
- Usually solitary
 - Diameter: to 2 ft
 - Height: to 2 ft
- Propagated from seed and cuttings
- Full sun
- Water when dry during warm weather
- Well-drained soil



Mammillaria rubrograndis

Raffle

- Origin: Mexico (Coahuila, Durango, Nuevo Leon, Tamaulipas)
- Min temp: to 14 deg F
- Usually solitary
 - Diameter: to 7 in
 - Height: to 5 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use porous, well-drained soil



Agave macroacantha x victoria-reginae

- Raffle
- Origin: Mexico
- Min temp: to 23 deg F
- Solitary and compact
 - Height: to 18 in
 - Diameter: to 2 ft
- Propagated from seed
- Full / filtered sun
- Water when dry during warm weather (does not need to be watered once established)
- Use well drained soil mix



Agave murpheyi 'Rodney'

- Raffle
- Origin: Arizona, Mexico (Sonora)
- Min temp: to 10 deg F
- Named after Rodney Engard, former director of Desert and Tucson Botanical Gardens
- Forms clusters
 - Diameter: to 3 ft
 - Height: to 3 ft
- Propagated from plantlets on blooming stalk
- Full sun
- Water when dry during warm weather
- Well-drained soil



Ferocactus townsendianus

- Raffle
- Origin: Mexico (Baja California)
- Min temp: 25 deg F
- Grows slowly
- Usually solitary
 - Diameter: to 12 in
 - Height: to 20 in
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil



DOOR PRIZES

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Mammillaria thornberi



Door Prize

- Origin: Arizona; Mexico (Sonora)
 - TCSS Field Guide page 150
- Min temp: to 14 deg F
- Grows under nurse plants
- Forms a cluster with branches that all root in the ground
 - Stem height: to 4 in
 - Stem diameter: to 1 in
- Propagated from seeds or cuttings
- Full sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria geminispina



Door Prize

- Origin: Mexico (Hidalgo, Queretaro, San Luis Potosi)
- Min temp: to 14 deg F
- Forms large clusters
 - Stem diameter to 3 in
 - Height: to 15 in
- Propagated from seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Euphorbia horrida

- Door Prize
- Origin: South Africa (Great Karoo)
- Min temp: give protection in colder areas
- Forms clusters of cylindrical stems
 - Stem height: 2 ft
 - Stem diameter: to 8 in
- Propagated from seed, cuttings
- Full / Filtered sun
- Medium water use
- Use well drained soil mix



Echinocactus platyacanthus





Door prize

- Origin: Mexico (Northeast, Central)
- Min temp: to 14 deg F
- Slow growing; forms massive barrel
 - Diameter: to 4 ft
 - Height: to 7 ft
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Agave montana

- Door prize
- Origin: Mexico
- Min temp: to 10 deg F
- Forms low clusters
 - Diameter: to 4 ft
 - Height: to 4 ft
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil





Agave parryi v couesii



Door prize

- Origin: Arizona (Coconino, Yavapai, Gila counties)
- Min temp: to 14 deg F
- Forms large clusters
 - Rosette diameter: to 24 in
 - Rosette height: to 18 in
- TCSS field guide p. 229
- Propagated from seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

FREE PLANTS

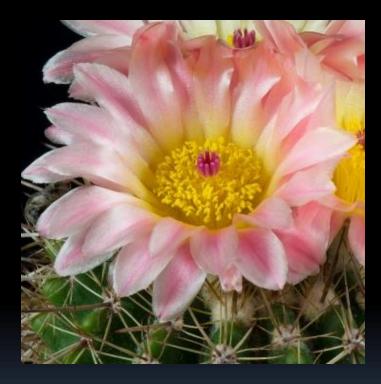
Rules: One plant per person Must stay until end of meeting Please be courteous

Lobivia aculeata

- Free plant
- Origin: Bolivia (Tinquipaya, Potosi) (altitudes ~ 11,000)
- Min temp: to 14 deg G
- Form of Echinopsis pentlandii
- Forms clusters
 - Diameter: to 3 in
 - Height: to 5 in
- Propagated from seed or offsets
- Filtered sun
- Likes cooler temperatures
- Water when dry during warm weather
- Well-drained soil



Notocactus herteri ssp roseoluteus



- Free plant
- Origin: Brazil (Rio Grande do Sul), Uruguay, Argentina
- Min temp: to 14 deg F
- Usually forms single rosette
 - Stem diameter: to 7 in
 - Height: to 6 in
- Filtered sun
- Water when dry during warm weather
- Use highly porous, well-drained soil

Mammillaria schiedeana ssp schiedeana

<u>Free plant</u>

- Origin: Mexico (Tamaulipas)
- Min temp: to 14 deg F
- Usually forms clusters
 - Stem height: to 3 in
 - Stem diameter: to 3 in
- Filtered sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil



Ferocactus glaucescens 'inermis'



- Free plant
- Origin: Cultivar
- Min temp: give protection in colder areas
- Spines tend to fall off as plant ages
- Initially solitary, may form large mound of multiple heads
 - Height: to 2 ft
 - Diameter: to 18 in
- Has white fruit
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Soehrensia korethroides (Echinopsis formosa ssp korethroides)

Free plant

- Origin: Argentina (Los Andes)
- Min temp: to 10 deg F
- Tolerates ice, snow, hail and rain
- Solitary at first, forms colonies with age
- Matures into barrel with dense spines
 - Stem height: to 2 ft
 - Stem width: to 1 ft
- Filtered sun
- Propagated from seed, offsets
- Water when dry during warm weather,
- Use porous, well-drained soil



Turbinicarpus horripilus var horripilus



- Free plant
- Origin: Mexico (Hidalgo)
- Min temp: to 14 deg F
- Eventually forms cluster
 - Stem diameter: to 3 in
 - Stem height: to 7 in
- Propagated by seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Astrophytum myriostigma 'nudum'

- Free plant
- Origin: Cultivar
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil



Mammillaria plumosa



Free plant

- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- Has soft, feathery spines
- Forms low dense clumps
 - Stem diameter: to 3 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Lobivia obrepanda calorubra

- Free plant
- Origin: Bolivia
- Min temp: to 14 deg F
- Natural hybrid
- Readily forms clusters
 - Stem height: to 3 in
 - Stem diameter: to 3 in
- Propagated by cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Astrophytum myriostigma quadricostatum



- Free plant
- Origin: Cultivar
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Ferocactus viridescens

- Free plant
- Origin: Baja California (Mexico) and southwestern California
- 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



Oreocereus trollii 'Old Man of the Andes'



- Free plant
- Origin: Bolivia, Argentina
- Min temp: to 14 deg F
- Habitat: Arid mountains to 13,000 ft
- Forms chunky clustered columns
 - Diameter per stem: to 6 in
 - Height: to 2 ft
- Propagated from seed or offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Gymnocalycium friedrichii

- Free plant
- Origin: Paraguay
- Min temp: Protect from frost in colder areas
- Solitary plant with banded body
 - Height: to 5 in
 - Diameter: to 5 in
- Has gray-green fruit
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Astrophytum ornatum



Free plant

- Origin: Mexico (Hidalgo, Queretaro, Guanajuato)
- Min temp: to 14 deg F
- Forms solitary short column
 - Diameter: to 1 ft
 - Height: to 3 ft
- Full sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Coryphantha greenwoodii

- Free plant
- Origin: Mexico (Piedras Blancas, Veracruz)
- Min temp: to 14 deg F
- Usually solitary, may cluster in time
 - Stem height: to 5 in
 - Stem diameter: to 5 in
- Propagated by seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Echinocereus rigidissimus var rubrispinus 'albiflorus'



- Free plant
- Origin: Cultivar
- Min temp: to 14 deg F
- Solitary
 - Height: to 5 inches
 - Diameter: to 2 inches
- Propagated from seed
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Haworthia species



- Free plant
- Origin: East Africa
- Protect from frost
- Forms rosettes that cluster
 - Stem diameter: to 4 in
 - Stem height: to 4 in
- Propagated from offsets, seed
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil

Astrophytum myriostigma



- Free plant
- Origin: Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Echinopsis 'Maria Piazza' (Schick)

- Free plant
- Origin: Cultivar
- Min temp: to 14 deg F
- Popular variety
- Forms clusters of globes
 - Stem height: to 3 in
 - Stem diameter: to 3
- Propagated from cuttings
- Filtered sun
- Well-drained soil



Haworthia limifolia striata hybrid



- Free plant
- Origin: East Africa
- Protect from frost
- Forms rosettes that cluster
 - Stem diameter: to 4 in
 - Stem height: to 4 in
- Propagated from offsets, seed
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil

Thank You To Our Plant Suppliers This Month: Miles' To Go B & B Cactus Farm Shady Way Gardens TCSS Cactus Rescue Crew





Tucson Cactus and Succulent Society March 2019

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Mammillaria parkinsonii



- Raffle plant
- Origin: Mexico (Queretero)
- Min temp: to 14 deg F
- Forms clusters
 - Head height: to 6 in
 - Head diameter: to 6 in
- Propagated from seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Echeveria gibbiflora

- Raffle plant
- Origin: Cultivar
- Min temp: protect from frost
- Usually solitary rosette
 - Diameter: to 12 in
 - Height: to 1 ft
- Propagated from cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Mammillaria apozolensis



- Raffle plant
- Origin: Mexico (Guanajuato, Queretaro, Zacatecas)
- Min temp: to 14 deg F
- Usually solitary, may form cluster in time
 - Stem height: to 10 in
 - Stem diameter: to 9 in
- Propagated by seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Pachypodium sofiense

- Raffle plant
- Origin: Madagascar (Sofia River)
- Min temp: protect from frost
- May branch at base
 - Diameter: to 1 ft
 - Height: to 20 ft
- Propagated from seed and cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Ferocactus histrix



- Raffle plant
- Origin: Mexico (central)
- Min temp: protect from frost in colder areas
- Usually solitary
 - Diameter: to 2 ft
 - Height: to 3 ft
- Threatened in habitat
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Aloe hybrid

- Raffle plant
- Origin: Cultivar
- Min temp: protect from frost
- Forms clusters
 - Diameter: to 12 in
 - Height: to 14 in
- Propagated from cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



DOOR PRIZES

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Oreocereus trollii 'Old Man of the Andes'



- Door prize
- Origin: Bolivia, Argentina
- Min temp: to 14 deg F
- Habitat: Arid mountains to 13,000 ft
- Forms chunky clustered columns
 - Diameter per stem: to 6 in
 - Height: to 2 ft
- Propagated from seed or offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Aeonium kiwi 'Sunburst'

- Door prize
- Origin: Cultivar (haworthia hybrid)
- Min temp: protect from frost
- Forms low spreading clusters
 - Height: to 6 in
 - Diameter: to 6 in
- Propagated from seeds, cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil



Thelocactus rinconensis var freudenbergeri



- Door prize
- Origin: Mexico (Nuevo Leon)
- Min temp: to 15 deg F
- Solitary
 - Height: to 4 in
 - Diameter: to 8 in
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Kalanchoe tomentosa 'Chocolate Soldier'

- Door prize
- Origin: Madagascar
- Min temp: to 25 deg F
- Forms small shrub
 - Stem diameter: to 3 in
 - Stem height: to 2 ft
- Propagated from seed, leaf cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil





Mammillaria mystax



- Door prize
- Origin: Mexico (central)
- Min temp: to 14 deg F
- Flowers rose-purple
- Usually solitary
 - Height: to 6 in
 - Diameter: to 4 in
- Propagated from seed
- Full / filtered sun
- Water when dry during warm weather
- Use well-drained soil

Echeveria gibbiflora

- Door prize
- Origin: Cultivar
- Min temp: protect from frost
- Usually solitary rosette
 - Diameter: to 12 in
 - Height: to 1 ft
- Propagated from cuttings
- 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

Mammillaria plumosa



Free plant

- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- Has soft, feathery spines
- Forms low dense clumps
 - Stem diameter: to 3 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Haworthia retusa

- Free plant
- Origin: South Africa (Cape Province)
- Min temp: protect from frost
- Has fenestrate (window-like) leaves
- Forms shiny star-shaped rosette
 - Stem diameter: to 2 in
 - Height: to 2 in
- Propagated from seed, cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



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

Haworthia 'White Ghost'

- Free plant
- Origin: South Africa (Cape Province)
- Min temp: protect from frost
- Has fenestrate (window-like) leaves
- Forms shiny star-shaped rosette
 - Stem diameter: to 2 in
 - Height: to 2 in
- Propagated from seed, cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Mammillaria spinosissima



Free plant

- Origin: Mexico (Guerrero, Morelos)
- Min temp: give protection in colder areas
- Forms solitary columnar plant, may pup with age
 - Stem diameter: to 4 in
 - Stem height: to 10 in
- Propagated from seed, offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Haworthia cooperi

- Free plant
- Origin: South Africa (Eastern Cape Province)
- Min temp: protect from frost
- Forms cluster
 - Rosette diameter: to 4 in
 - Rosette height: to 4 in
- Propagated from seed or offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Stenocactus albatus



Free plant

- Origin: Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Solitary
 - Height: up to 6 inches
 - Width: up to 4 inches
- Propagated from seeds
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Echeveria chihuahuaensis

- <u>Free plant</u>
- Origin: Mexico
- Min temp: protect from frost
- Forms clusters
 - Stem height: to 6 in
 - Stem diameter: to 4 in
- Propagated from seed, offsets
- Filtered sun
- Well-drained soil





Mammillaria tlayecac (R0831)



Free plant

- Origin: Mexico (Tlayecac)
- Min temp: protect from frost
- Possibly M multiseta?
- Propagated from seed, offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Ferocactus alamosanus

- Free plant
- Origin: Mexico (Sonora)
- Min temp: protect from frost in colder areas
- Species threatened in habitat
- Usually solitary
 - Height: to 3 ft
 - Diameter: to 14 in
- Propagated by seed
- Full sun
- Water when dry during warm weather
- Well-drained soil



Thank You To Our Plant Suppliers This Month: •EcoGro • Miles' To Go •Shady Way Gardens





Tucson Cactus and Succulent Society April 2019

RAFFLE PLANTS DOOR PRIZES FREE PLANTS

Presented by Donna and Robert Ellis

RAFFLE PLANTS

Prices: \$1 per ticket Six tickets for \$5

Mammillaria rekoi v leptacantha



- Raffle
- Origin: Mexico (Oaxaca)
- Min temp: to 15 deg F
- Forms mounded clusters
 - Stem height: to 8 in
 - Stem diameter: to 4 in
- Propagated from seed, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Agave filifera

- Raffle
- Origin: Mexico (Queretero)
- Min temp: to 14 deg F
- AKA 'thread agave'
- Forms medium size rosette
 - Diameter: to 2 ft
 - Height: to 2 ft
- Propagated by seed
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Ferocactus rectispinus



- Raffle
- Origin: Mexico (Baja California)
- Min temp: to 14 deg F
- Usually solitary
 - Stem diameter: to 24 in
 - Height: to 3 ft
- Propagated from seed
- Full sun
- Well-drained soil

Pachypodium geayi

- Raffle
- Origin: Madagascar
- Min temp: protect from frost
- Leaves have a white stripe
- Forms tall bottle-shaped tree that may branch in time
 - Stem diameter: to 2 ft
 - Height: to 15 ft
- Propagated by seed
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil



Thelocactus rinconensis



- Raffle
- Origin: Mexico (Nuevo Leon)
- Min temp: to 15 deg F
- Solitary
 - Height: to 4 in
 - Diameter: to 8 in
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Agave bovicornuta

- Raffle
- Origin: Mexico (Sonora, Sinaloa, Chihuahua)
- Min temp: to 25 deg F
- Usually solitary
 - Diameter : to 5 ft
 - Height: to 3 ft
- Filtered sun
- Propagated by seed
- Water when dry during warm weather
- Well-drained soil



DOOR PRIZES

Pick up ticket as you enter Must have your name tag

Mammillaria spinosissima



Door prize

- Origin: Mexico (Guerrero, Morelos)
- Min temp: give protection in colder areas
- Forms solitary columnar plant, may pup with age
 - Stem diameter: to 4 in
 - Stem height: to 10 in
- Propagated from seed, offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Agave montana

- Door prize
- Origin: Mexico
- Min temp: to 10 deg F
- Forms low clusters
 - Diameter: to 4 ft
 - Height: to 4 ft
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil





Ferocactus histrix



- Door prize
- Origin: Mexico (central)
- Min temp: protect from frost in colder areas
- Usually solitary
 - Diameter: to 2 ft
 - Height: to 3 ft
- Threatened in habitat
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Dasylirion quadrangulatum



Door prize

- Origin: Mexico (Coahuila, Tamaulipas, San Luis Potosi)
- Min temp: to 14 deg
- AKA 'Mexican grass tree'
- Usually solitary
 - Stem height: to 10 ft
 - Stem diameter: to 5 ft
- Full sun
- Propagated by seed
- Water when dry during warm weather (does not need to be watered once established)
- Use well drained soil mix

Mammillaria longimamma



- Door prize
- Origin: Mexico (Hidalgo, Queretaro)
- Min temp: to 14 deg F
- At first solitary but forms clusters in time
 - Stem diameter: to 4 in
 - Stem height: to 4 in
- Propagated from seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Aloe hybrid

- Door Prize
- Origin: South Africa
- Min temp: protect from frost
- Forms clusters
 - Stem diameter: to 5 in
 - Stem height: to 14 in
- Filtered sun
- Water when dry in warm weather
- Well-drained soil



FREE PLANTS

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Thelocactus hexadrophorus



- Free plant
- Origin: Mexico (San Luis Potosi, Tamaulipas, Nuevo Leon, Zacatecas)
- Min temp: to 14 deg F
- Usually solitary
 - Stem diameter: to 8 in
 - Stem height: to 3 in
- Full sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Pachypodium succulentum

- Free plant
- Origin: South Africa
- Min temp: protect from frost
- Slow growing
- Forms large turnip-shaped caudex
 - Height: to 6 ft
 - Diameter of caudex: to 10 in
- Propagated from seeds and root or stem cuttings
- Full / Filtered sun
- Water when dry in warm weather
- Use well-drained soil mix





Thelocactus bicolor

- Free plant
- Origin: Texas, Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Usually solitary
 - Stem diameter: to 4 in
 - Height: to 8 in
- Propagated from seed
- Full sun
- Well-drained soil



Astrophytum capricorne



Free plant

- Origin: Mexico (Chihuahua, Coahuila)
- Min temp: to 14 deg F
- Spines serve as camouflage in grass
- Usually solitary
 - Stem diameter: to 6 in
 - Stem height: to 2 ft
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Aloe hybrid

- Free plant
- Origin: Cultivar
- Min temp: protect from frost
- Forms small cluster
 - Diameter: to 6 in
 - Height: to 12 in
- Propagated from cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Astrophytum myriostigma



- Free plant
- Origin: Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Dorstenia species

- Free plant
- Origin: Arabia, Ethiopia, Kenya, Somalia, Yemen, Oman, Tanzania
- Min temp: protect from frost
- Seed pods open explosively when ripe and send seed flying up to 6 ft
- Forms small branching shrub
 - Diameter: to 8 in
 - Height: to 12 in
- Propagated from seed, cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Mammillaria tlayecac (R0831)



Free plant

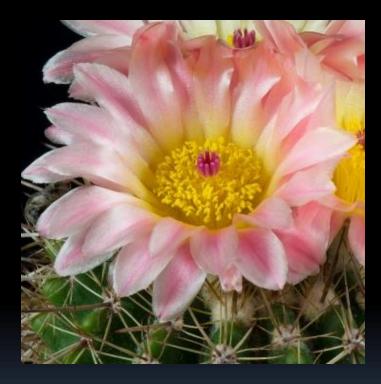
- Origin: Mexico (Tlayecac)
- Min temp: protect from frost
- Possibly M multiseta?
- Propagated from seed, offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Ferocactus viridescens

- Free plant
- Origin: Baja California (Mexico) and southwestern California
- 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



Notocactus herteri ssp roseoluteus



- Free plant
- Origin: Brazil (Rio Grande do Sul), Uruguay, Argentina
- Min temp: to 14 deg F
- Usually solitary
 - Stem diameter: to 7 in
 - Height: to 6 in
- Filtered sun
- Water when dry during warm weather
- Use highly porous, well-drained soil

Coryphantha greenwoodii

- Free plant
- Origin: Mexico (Piedras Blancas, Veracruz)
- Min temp: to 14 deg F
- Usually solitary, may cluster in time
 - Stem height: to 5 in
 - Stem diameter: to 5 in
- Propagated by seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Echinopsis 'Maria Piazza' (Schick)

- Free plant
- Origin: Cultivar
- Min temp: to 14 deg F
- Popular variety
- Forms clusters of globes
 - Stem height: to 3 in
 - Stem diameter: to 3
- Propagated from cuttings
- Filtered sun
- Well-drained soil



Lobivia aculeata

- Free plant
- Origin: Bolivia (Tinquipaya, Potosi) (altitudes ~ 11,000)
- Min temp: to 14 deg G
- Form of Echinopsis pentlandii
- Forms clusters
 - Diameter: to 3 in
 - Height: to 5 in
- Propagated from seed or offsets
- Filtered sun
- Likes cooler temperatures
- Water when dry during warm weather
- Well-drained soil



Turbinicarpus horripilus var horripilus



- Free plant
- Origin: Mexico (Hidalgo)
- Min temp: to 14 deg F
- Eventually forms cluster
 - Stem diameter: to 3 in
 - Stem height: to 7 in
- Propagated by seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

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Tucson Cactus and Succulent Society May 2019

RAFFLE PLANTS DOOR PRIZES FREE PLANTS

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RAFFLE PLANTS

Prices: \$1 per ticket Six tickets for \$5

SPECIAL RAFFLE

Queen of the Night

Peniocereus greggii

- Tuber : 13 lbs
- White tickets
- Price \$5 each / 5 for \$20

Rescued by Rob Romero at Saguaros Viejos in Oro Valley





Mammillaria rekoi v leptacantha



- Raffle
- Origin: Mexico (Oaxaca)
- Min temp: to 15 deg F
- Forms mounded clusters
 - Stem height: to 8 in
 - Stem diameter: to 4 in
- Propagated from seed, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Agave chazaroi

- Raffle
- Origin: Mexico (Jalisco)
- Min temp: protect from frost
- Recently described (2007)
- Forms large open rosette
 - Height: to 5 ft
 - Diameter: to 5 ft
- Propagated from seed
- Filtered sun
- Water when dry during warm weather
- Use well drained soil mix



Astrophytum ornatum



Raffle

- Origin: Mexico (Hidalgo, Queretaro, Guanajuato)
- Min temp: to 14 deg F
- Forms solitary short column
 - Diameter: to 1 ft
 - Height: to 3 ft
- Full sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Agave celsii variegata

Raffle

- Origin: Mexico (Jalisco)
- Min temp: to 20 deg F
- Forms large open rosette
 - Height: to 2 ft
 - Diameter: to 2 ft
- Propagated from seed
- Filtered sun
- Water when dry during warm weather
- Use well drained soil mix



Mammillaria apozolensis



<u>Raffle</u>

- Origin: Mexico (Guanajuato, Queretaro, Zacatecas)
- Min temp: to 14 deg F
- Usually solitary, may form cluster in time
 - Stem height: to 10 in
 - Stem diameter: to 9 in
- Propagated by seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Sansevieria fischeri

- Raffle
- Origin: Kenya, Tanzania
- Min temp: protect from frost
- Forms tall spears and rosettes
 - Height: to 5 ft
 - Diameter: to 1 1/2 in
- Propagated from seed
- Filtered sun / Shade
- Water when dry during warm weather
- Use well drained soil mix



DOOR PRIZES

Pick up ticket as you enter Must have your name tag

Echinocereus stoloniferus



- Door prize
- Origin: Mexico (Sonora, Chihuahua)
- Min temp: to 20 deg F
- Forms clumps via underground stolons
 - Stem diameter: to 2 in
 - Stem height: to 12 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Senecio rowleyanus

- Door prize
- Origin: Southwest Africa
- Min temp: protect from frost
- Forms trailing stems
 - Diameter: to 1/2 in
 - Length: to 2 ft
- Spherical leaves have an 'epidermal window' that allows sunlight to enter and irradiate interior
- Propagated from seed, cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Coleocephalocereus aureus



Door prize

- Origin: Brazil (Minas Gerais)
- Min temp: protect from frost
- Forms small columnar cactus
 - Stem diameter: to 5 in
 - Stem height: to 3 ft
- Forms cephalum along one side when mature enough to flower
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Euphorbia tirucalli 'Firestick'

- Door prize
- Origin: South Africa, India
- Min temp: to 25 deg F
- Forms shrub
 - Diameter: to 6 ft
 - Height: to 6 ft
- Propagated from seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Ferocactus alamosanus



Door prize

- Origin: Mexico (Sonora)
- Min temp: protect from frost in colder areas
- Species threatened in habitat
- Usually solitary
 - Height: to 3 ft
 - Diameter: to 14 in
- Propagated by seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Aloe Haworthia hybrid

- Door Prize
- Origin: South Africa
- Min temp: protect from frost
- Forms clusters
 - Stem diameter: to 3 in
 - Stem height: to 5 in
- Filtered sun
- Water when dry in warm weather
- Well-drained soil



FREE PLANTS

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Mammillaria plumosa



Free plant

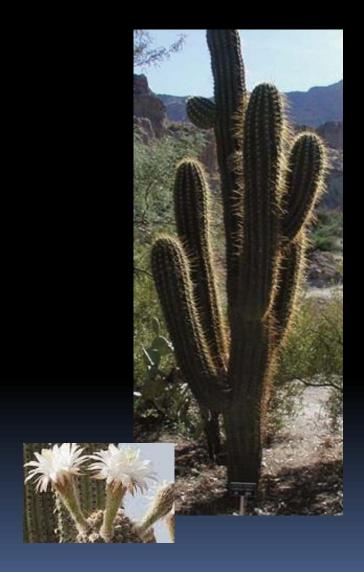
- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- Has soft, feathery spines
- Forms low dense clumps
 - Stem diameter: to 3 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Faucaria tigrina

- <u>Free plant</u>
- Origin: South Africa (Eastern Cape Province)
- Min temp: protect from frost
- Forms low spreading clusters
 - Height: to 6 in
 - Diameter: to 8 in
- Water sparsely to avoid breaking epidermis
- Propagated from seeds, cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil



Trichocereus terscheckii



<u>Free plant</u>

- Origin: Argentina
- Min temp: to 14 deg F
- Grows up to 18 inches/year with water, fertilizer
- Forms numerous branches
 - Height: to 25 ft
 - Diameter: to 18 in
- Propagated from seeds or cuttings
- Full sun
- Water when dry during warm weather
- Well-drained soil

Agave pelona

- Free plant
- Origin: Mexico (Sonora)
- Min temp: to 21 deg F
- Forms round solitary rosette
 - Diameter: to 6 ft
 - Height: to 6 ft
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Echinopsis chamaecereus hybrid ('Peanut Cactus')



- Free plant
- Origin: Argentina? (Has not been found in the wild since 1900)
- Min temp: to 14 deg F
- Forms hanging clumps
 - Stem diameter: to 1 in
 - Stem length: to 6 in
- Propagated from offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Crassula hybrid 'Baby's Necklace'

- Free plant
- Origin: Cultivar
- Min temp: protect from frost
- Forms a cluster with multiple stems that eventually creep
 - Height: to 12 in
 - Diameter: to ¹/₂ in
- C perforata x rupestris ssp marnieriana
- Propagated from seeds, cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil



Thelocactus hexadrophorus



- Free plant
- Origin: Mexico (San Luis Potosi, Tamaulipas, Nuevo Leon, Zacatecas)
- Min temp: to 14 deg F
- Usually solitary
 - Stem diameter: to 8 in
 - Stem height: to 3 in
- Full sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Pachypodium succulentum

- Free plant
- Origin: South Africa
- Min temp: protect from frost
- Slow growing
- Forms large turnip-shaped caudex
 - Height: to 6 ft
 - Diameter of caudex: to 10 in
- Propagated from seeds and root or stem cuttings
- Full / Filtered sun
- Water when dry in warm weather
- Use well-drained soil mix





Thelocactus bicolor

- Free plant
- Origin: Texas, Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Usually solitary
 - Stem diameter: to 4 in
 - Height: to 8 in
- Propagated from seed
- Full sun
- Well-drained soil



Astrophytum capricorne



Free plant

- Origin: Mexico (Chihuahua, Coahuila)
- Min temp: to 14 deg F
- Spines serve as camouflage in grass
- Usually solitary
 - Stem diameter: to 6 in
 - Stem height: to 2 ft
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Aloe hybrid

- Free plant
- Origin: Cultivar
- Min temp: protect from frost
- Forms small cluster
 - Diameter: to 6 in
 - Height: to 12 in
- Propagated from cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Astrophytum myriostigma



- Free plant
- Origin: Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Mammillaria tlayecac (R0831)



Free plant

- Origin: Mexico (Tlayecac)
- Min temp: protect from frost
- Possibly M multiseta?
- Propagated from seed, offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Coryphantha greenwoodii

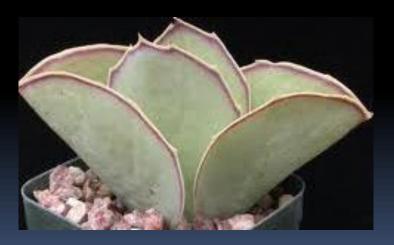
- Free plant
- Origin: Mexico (Piedras Blancas, Veracruz)
- Min temp: to 14 deg F
- Usually solitary, may cluster in time
 - Stem height: to 5 in
 - Stem diameter: to 5 in
- Propagated by seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Kalanchoe synsepala







Free plant

- Origin: S Africa (Northern Cape)
- Min temp: protect from frost
- Forms hanging offsets that can 'walk' from one pot to another
 - Diameter: to 9 inches
 - Height: to 10 inches
- Propagated from seed or offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Coryphantha salinensis

- Free plant
- Origin: Mexico (Coahuila, Hidalgo, Nuevo Leon)
- Min temp: give some protection in colder areas
- Usually solitary
 - Stem height: to 6 in
 - Stem diameter: to 4 in
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil





Corpuscularia taylorii



- Free plant
- Origin: South Africa
- Min temp: protect from frost
- Forms clusters
 - Diameter: to 3 in
 - Height: to 8 in
- Propagated from seed or offsets
- Filtered sun
- AKA 'Ice plant'
- Water when dry during warm weather
- Well-drained soil

Escobaria missouriensis var asperispina

- Free plant
- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- May form clusters
 - Stem height: to 6 in
 - Stem diameter: to 4 in
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Titanopsis calcarea



Free plant

- Origin: Namibia, South Africa (Cape Province, Orange Free State)
- Min temp: protect from frost
- Forms small, low rosette
 - Stem diameter: to 3 in
 - Stem height: to 1 in
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Thank You To Our Plant Suppliers This Month:

Bach's Greenhouse Cactus Nursery Miles' To Go Shady Way Gardens Starr Nursery EcoGro Rob Romero Skip Brown Donna Ellis





Tucson Cactus and Succulent Society June 2019

RAFFLE PLANTS DOOR PRIZES FREE PLANTS

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RAFFLE PLANTS

Prices: \$1 per ticket Six tickets for \$5

Mammillaria rekoi v leptacantha



- Raffle
- Origin: Mexico (Oaxaca)
- Min temp: to 15 deg F
- Forms mounded clusters
 - Stem height: to 8 in
 - Stem diameter: to 4 in
- Propagated from seed, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Manfreda hybrid 'Macho Mocha'

- Raffle
- Origin: Mexico
- Min temp: to 10 deg F
- Agave celsii x Manfreda variegata
- Forms a rosette
 - Height: to 3 ft
 - Diameter: to 5 ft
- Propagated by seed
- Full / Filtered sun
- Well-drained soil



Ferocactus townsendianus



Raffle

- Origin: Mexico (Baja California)
- Min temp: 25 deg F
- Grows slowly
- Usually solitary
 - Diameter: to 12 in
 - Height: to 20 in
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Didieria trollii

- Raffle
- Origin: SW Madagascar
- Min temp: protect from frost
- Habitat: sandy dunes
- Grows prostrate for years before growing erect
 - Height: to 15 ft
 - Width: to 12 ft
 - Cane diameter: to 6 in
- Propagated from seed, grafts
- Full / filtered sun
- Water when dry in warm weather
- Use well-drained soil mix



Mammillaria rubrograndis



<u>Raffle</u>

- Origin: Mexico (Coahuila, Durango, Nuevo Leon, Tamaulipas)
- Min temp: to 14 deg F
- Usually solitary
 - Diameter: to 7 in
 - Height: to 5 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use porous, well-drained soil

Cyphostemma juttae

- Raffle
- Origin: Namibia, South Africa
- Min temp: can tolerate light frost
- Slow growing
- Deciduous in winter
- Forms caudiciform trunk
 - Height: to 6 ft
 - Diameter: to 3 ft
- Propagated from seed, cuttings
- Full / Filtered sun
- Use well-drained soil



DOOR PRIZES

Pick up ticket as you enter Must have your name tag

Echinocereus barthelowanus



- Door prize
- Origin: Mexico (Baja California Sur, Magdalena and Margarita Islands)
- Min temp: protect from frost
- Forms clusters of loosely connected stems
 - Stem diameter: to 2 in
 - Stem height: to 12 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Fouquieria splendens

- Door prize
- Origin: Arizona
- Min temp: to 14 deg F
- Aka 'Ocotillo'
- Grows into dense, spiky shrub
 - Diameter: to 4 ft
 - Height: to 12 ft
- Propagated from seed
- Full sun
- Well-drained soil



Mammillaria sonorensis Rio Yaqui form



- Door prize
- Origin: Mexico (Sonora, Sinaloa, Chihuahua)
- Min temp: to 14 deg F
- Grows slowly
- Eventually forms large mounds
 - Stem height: to 6 in
 - Diameter per stem: to 6 in
- Propagated from seed, offsets
- Full sun
- Well-drained soil

Yucca rostrata

- Door prize
- Origin: Texas; Mexico (Coahuila, Chihuahua)
- Min temp: to 14 deg
- AKA 'Big Bend Yucca'
- May be solitary or branching
 - Stem height: to 12-16 ft
 - Stem diameter: to 3 ft
- Propagated from seed
- Full sun
- Water when dry during warm weather (does not need to be watered once established)
- Use well drained soil mix



Denmoza rhodacantha



<u>Door prize</u>

- Origin: Argentina (Mendoza—Salta)
- Min temp: to 14 deg F
- Grows slowly, eventually forms columnar cactus
 - Diameter: to 1 ft
 - Height: to 5 ft
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Haworthia hybrid

- Door Prize
- Origin: South Africa
- Min temp: protect from frost
- Forms clusters
 - Stem diameter: to 3 in
 - Stem height: to 5 in
- Filtered sun
- Water when dry in warm weather
- Well-drained soil



FREE PLANTS

Rules: One plant per person Must stay until end of meeting Please be courteous

Leuchtenbergia principis

- Free plant
- Origin: Mexico (San Luis Potosi, Chihuahua)
- Min temp: to 14 deg F
- Well camouflaged in habitat by long papery spines that resemble dry grass
- Usually solitary
 - Stem height: to 2 ft
 - Stem diameter: to 10 in
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil



Corpuscularia taylorii



- Free plant
- Origin: South Africa
- Min temp: protect from frost
- Forms clusters
 - Diameter: to 3 in
 - Height: to 8 in
- Propagated from seed or offsets
- Filtered sun
- AKA 'Ice plant'
- Water when dry during warm weather
- Well-drained soil

Mammillaria perbella

- Free plant
- Origin: Central Mexico
- Min temp: to 14 deg F
- Aka 'Owl Eye Cactus'
- Forms dichotomous branching
 - Stem diameter: to 5 in
 - Stem height: to 8 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Monadenium ritchiei



Free plant

- Origin: East Africa, Kenya
- Protect from frost
- Forms compact clumps
 - Height: to 8 in
 - Stem diameter: to 1 in
- Leaves, stems take on purplish hue in enough light
- Propagated from cuttings, underground shoots, seeds
- Filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Mammillaria camptotricha cv marnier-lapostollei

- Free plant
- Origin: Cultivar
- Min temp: to 14 deg F
- Forms large, flat clump of stems
 - Stem diameter: to 2 in
 - Clump height: to 4 in
- Full / Filtered sun
- Propagated from cuttings
- Water when dry during warm weather
- Use highly porous, well-drained soil



Plectranthis tenuiformis



- Free plant
- Origin: Ethiopia, Somalia, East Africa
- Min temp: protect from frost
- Forms spreading clusters with woody stems
 - Height: to 12 in
 - Diameter: to 12 in
- Member of mint family
 - Leaves highly aromatic
- Propagated from seeds, cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil

Mammillaria schiedeana ssp schiedeana

<u>Free plant</u>

- Origin: Mexico (Tamaulipas)
- Min temp: to 14 deg F
- Usually forms clusters
 - Stem height: to 3 in
 - Stem diameter: to 3 in
- Filtered sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil



Euphorbia clavigera f persistens



Free plant

- Origin: Swaziland, Mozambique, South Africa
- Min temp: protect from frost
- Forms spreading clusters with caudex
 - Height: to 12 in
 - Diameter: to 12 in
 - Caudex diameter: to 5 in
- Propagated from seeds, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Use well-drained soil

Mammillaria plumosa



Free plant

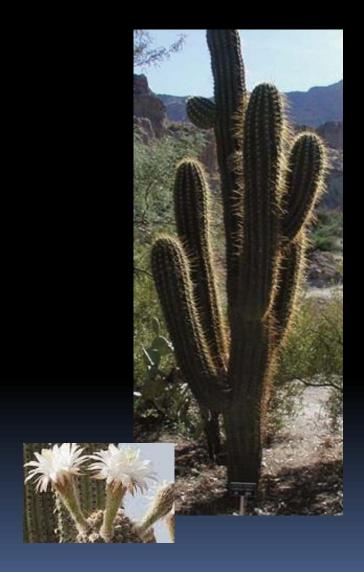
- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- Has soft, feathery spines
- Forms low dense clumps
 - Stem diameter: to 3 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Faucaria tigrina

- <u>Free plant</u>
- Origin: South Africa (Eastern Cape Province)
- Min temp: protect from frost
- Forms low spreading clusters
 - Height: to 6 in
 - Diameter: to 8 in
- Water sparsely to avoid breaking epidermis
- Propagated from seeds, cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil



Trichocereus terscheckii



<u>Free plant</u>

- Origin: Argentina
- Min temp: to 14 deg F
- Grows up to 18 inches/year with water, fertilizer
- Forms numerous branches
 - Height: to 25 ft
 - Diameter: to 18 in
- Propagated from seeds or cuttings
- Full sun
- Water when dry during warm weather
- Well-drained soil

Agave pelona

- Free plant
- Origin: Mexico (Sonora)
- Min temp: to 21 deg F
- Forms round solitary rosette
 - Diameter: to 6 ft
 - Height: to 6 ft
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Thelocactus bicolor

- Free plant
- Origin: Texas, Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Usually solitary
 - Stem diameter: to 4 in
 - Height: to 8 in
- Propagated from seed
- Full sun
- Well-drained soil



Astrophytum myriostigma



- Free plant
- Origin: Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Coryphantha salinensis

- Free plant
- Origin: Mexico (Coahuila, Hidalgo, Nuevo Leon)
- Min temp: give some protection in colder areas
- Usually solitary
 - Stem height: to 6 in
 - Stem diameter: to 4 in
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil





Escobaria missouriensis var asperispina

- Free plant
- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- May form clusters
 - Stem height: to 6 in
 - Stem diameter: to 4 in
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Thank You To Our Plant Suppliers This Month:

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Bach's Greenhouse Cactus Nursery

Miles' To Go
Shady Way Gardens
EcoGro
Skip Brown





Tucson Cactus and Succulent Society July 2019

RAFFLE PLANTS DOOR PRIZES FREE PLANTS

Presented by Donna and Robert Ellis

RAFFLE PLANTS

Prices: \$1 per ticket Six tickets for \$5

Ferocactus latispinus



- Raffle
- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 14 in
 - Stem height: to 12 in
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Yucca rostrata

- Raffle
- Origin: Texas; Mexico (Coahuila, Chihuahua)
- Min temp: to 14 deg
- AKA 'Big Bend Yucca'
- May be solitary or branching
 - Stem height: to 12-16 ft
 - Stem diameter: to 3 ft
- Propagated from seed
- Full sun
- Water when dry during warm weather (does not need to be watered once established)
- Use well drained soil mix



Mammillaria rekoi v leptacantha



- Raffle
- Origin: Mexico (Oaxaca)
- Min temp: to 15 deg F
- Forms mounded clusters
 - Stem height: to 8 in
 - Stem diameter: to 4 in
- Propagated from seed, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Dasylirion texanum 'Texas or Green Sotol'

- Raffle
- Origin: Texas (Trans-Pecos), Mexico
- Min temp: to 14 deg
- May be solitary or clumped
 - Height: to 6 ft
 - Diameter: to 4 ft
- Propagated from seed
- Full sun
- To establish, water when dry during warm weather
 - Shouldn't need water after that
- Use well drained soil mix



Mammillaria geminispina



<u>Raffle</u>

- Origin: Mexico (Hidalgo, Queretaro, San Luis Potosi)
- Min temp: to 14 deg F
- Forms large clusters
 - Stem diameter to 3 in
 - Height: to 15 in
- Propagated from seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Yucca rigida



Raffle

- Origin: Mexico (Chihuahua, Durango, Zacatecas)
- Min temp: to 14 deg F
- Has minimal branching near top
- Slow growing, tree-like yucca
 - Height: to 12 ft
 - Diameter: to 5 ft
- Propagated from seeds
- Full / filtered sun
- To establish, water when dry during warm weather
 - Shouldn't need water after that
- Well-drained soil

DOOR PRIZES

Pick up ticket as you enter Must have your name tag

Echinocereus coccineus 'orange flower'



- Door Prize
- Origin: USA (Arizona, Texas, New Mexico, Colorado, Utah, Nevada, California) and Mexico (Sonora, Chihuahua)
- Min temp: to 14 deg F
- Forms large clusters
 - Stem diameter: to 4 in.
 - Stem height: to 15 in.
- Spination highly variable
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Huernia species



- Door prize
- Origin: East and South Africa
- Min temp: protect from frost
- Grows slowly
- Has star-shaped flowers that may smell
- Eventually forms clusters
 - Stem height: to 6 in
 - Cluster diameter: to 12 in
- Propagated from seed, offsets
- Full sun
- Well-drained soil

Ferocactus stainesii var pilosus

- Door prize
- Origin: Mexico (Nuevo Leon, San Luis Potosi, Coahuila, Zacatecas)
- Min temp: to 14 deg F
- Usually solitary, may form clumps in time
 - Diameter: to 15 in
 - Height: to 3 ft
- Propagated from seed or offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil





Pereskia aculeata cv godseffiana

- Door prize
- Origin: Cultivar
- Original species native to Brazil, Central America, West Indies
- Min temp: protect from frost
- Considered best living representative of ancestral cacti
- Creates spreading leafy shrub
 - Height: to 4 ft
- Propagated from seed, cuttings
- Needs extra water
- Full / Filtered sun
- Use well-drained soil



Mammillaria standleyi



Door prize

- Origin: Mexico (Sierra Madre in Sinaloa, Chihuahua, Sonora)
- Min temp: give protection in colder areas
- Forms clusters
 - Stem diameter: to 5 in
 - Height: to 5 in
- Propagated from cuttings, seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Euphorbia tortilis

- Door Prize
- Origin: India
- Min temp: protect from frost
- Forms rigid, erect tree
 - Height: to 4 ft
 - Diameter: to 24 in
- Propagated from seeds, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Use well-drained soil



FREE PLANTS

Rules: One plant per person Must stay until end of meeting Please be courteous

Leuchtenbergia principis

- Free plant
- Origin: Mexico (San Luis Potosi, Chihuahua)
- Min temp: to 14 deg F
- Well camouflaged in habitat by long papery spines that resemble dry grass
- Usually solitary
 - Stem height: to 2 ft
 - Stem diameter: to 10 in
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil



Euphorbia makallensis



- Free plant
- Origin: Ethiopia
- Min temp: protect from frost
- Forms clusters
 - Stem diameter: to 1 in
 - Stem height: to 4 in
- Filtered sun
- Water when dry in warm weather
- Well-drained soil

Mammillaria plumosa



Free plant

- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- Has soft, feathery spines
- Forms low dense clumps
 - Stem diameter: to 3 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria schiedeana ssp schiedeana

<u>Free plant</u>

- Origin: Mexico (Tamaulipas)
- Min temp: to 14 deg F
- Usually forms clusters
 - Stem height: to 3 in
 - Stem diameter: to 3 in
- Filtered sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil



Faucaria tigrina

- <u>Free plant</u>
- Origin: South Africa (Eastern Cape Province)
- Min temp: protect from frost
- Forms low spreading clusters
 - Height: to 6 in
 - Diameter: to 8 in
- Water sparsely to avoid breaking epidermis
- Propagated from seeds, cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil



Astrophytum myriostigma



- Free plant
- Origin: Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Mammillaria perbella

- Free plant
- Origin: Central Mexico
- Min temp: to 14 deg F
- Aka 'Owl Eye Cactus'
- Forms dichotomous branching
 - Stem diameter: to 5 in
 - Stem height: to 8 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Echinocereus rigidissimus ssp rubispinus 'albiflorus'



- 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

Monadenium ritchiei



Free plant

- Origin: East Africa, Kenya
- Protect from frost
- Forms compact clumps
 - Height: to 8 in
 - Stem diameter: to 1 in
- Leaves, stems take on purplish hue in enough light
- Propagated from cuttings, underground shoots, seeds
- Filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Astrophytum myriostigma quadricostatum



- Free plant
- Origin: Cultivar
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Aloe variegata

- Free plant
- Origin: South Africa, Namibia
- Min temp: to 20 deg F
 - Survives in Vail underneath mesquite trees
- Forms rosettes
 - Stem width: to 9 in
 - Stem height: to 12 in
- Propagated from seeds, cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil





Notocactus scopa

Free plant

- Origin: Southern Brazil, Uruguay
- Min temp: protect from frost
- Forms clusters
 - Stem diameter: to 4 in
 - Height: to 15 in
- Full / filtered sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil





Ferocactus viridescens

- Free 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



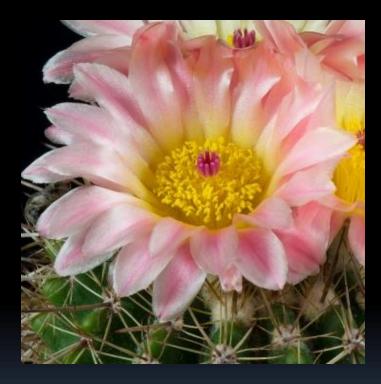
Notocactus buiningii

- Free plant
- Origin: Brazil, Uruguay
- Min temp: can tolerate occasional frost in warmer areas of town
- Usually solitary
 - Stem diameter: to 5 in
 - Stem height: to 3 in
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil





Notocactus herteri ssp roseoluteus



- Free plant
- Origin: Brazil (Rio Grande do Sul), Uruguay, Argentina
- Min temp: to 14 deg F
- Usually solitary
 - Stem diameter: to 7 in
 - Height: to 6 in
- Filtered sun
- Water when dry during warm weather
- Use highly porous, well-drained soil

Ferocactus macrodiscus



Free plant

- Origin: Mexico (San Luis Potosi, Guanajuato, Oaxaca)
- Min temp: protect from frost in colder areas
- Grows very slowly and stays low
- Usually solitary
 - Diameter: to 12 in
 - Height: to 5 in
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria zeilmanniana



- Free plant
- Origin: Central Mexico
- Min temp: 25 deg F
- Prolific bloomer
- Readily forms clusters
 - Height: up to 10 inches
 - Diameter: up to 12 inches
- Propagated from seed, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria bocasana var 'roseiflora'



Free plant

- Origin: Mexico (Zacatecas, San Luis Potosi)
- Min temp: to 14 deg F
- Forms multi-headed clumps
 - Stem height: to 2 in
 - Stem diameter: to 2 in
- Propagated by seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Frailea bueneckeri

- Free plant
- Origin: Brazil (Rio Grande do Sul)
- Min temp: protect from frost
- Usually solitary, may form clusters in time
 - Stem height: to 1 in
 - Stem diameter: to 1 in
- Propagated by seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Lobivia distefanoiana

- Free plant
- Origin: Bolivia, Argentina
- Min temp: hardy to 14 deg F
- Forms clusters
 - Stem height: to 1 in
 - Stem diameter: to 1 in
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Corpuscularia taylorii



- Free plant
- Origin: South Africa
- Min temp: protect from frost
- Forms clusters
 - Diameter: to 3 in
 - Height: to 8 in
- Propagated from seed or offsets
- Filtered sun
- AKA 'Ice plant'
- Water when dry during warm weather
- Well-drained soil

Mammillaria duwei

- Free plant
- Origin: Mexico (Guanajuato)
- Min temp: hardy to 14 deg F
- Forms clusters
 - Stem height: to 1 in
 - Stem diameter: to 1 in
- Propagated by seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Stenocactus erectocentrus

- Free plant
- Origin: Mexico (Coahuila, Chihuahua, Durango)
- Min temp: hardy to 14 deg F
- Usually solitary
 - Stem height: to 5 in
 - Stem diameter: to 6 in
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Plectranthis tenuiformis



- Free plant
- Origin: Ethiopia, Somalia, East Africa
- Min temp: protect from frost
- Forms spreading clusters with woody stems
 - Height: to 12 in
 - Diameter: to 12 in
- Member of mint family
 - Leaves highly aromatic
- Propagated from seeds, cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil

Gymnocalycium bruchii ssp matznetteri

- Free plant
- Origin: Argentina (Cordoba)
- Min temp: to 14 deg F
- May form clusters at base
 - Stem height: to 3 in
 - Stem diameter: to 2 in
- Propagated by seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Euphorbia clavigera f persistens



Free plant

- Origin: Swaziland, Mozambique, South Africa
- Min temp: protect from frost
- Forms spreading clusters with caudex
 - Height: to 12 in
 - Diameter: to 12 in
 - Caudex diameter: to 5 in
- Propagated from seeds, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Use well-drained soil

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Bach's Greenhouse Cactus Nursery
Shady Way Gardens
Skip Brown





Tucson Cactus and Succulent Society August 2019

RAFFLE PLANTS DOOR PRIZES FREE PLANTS

Presented by Donna and Robert Ellis

SPECIAL RAFFLE

Queen of the Night

Peniocereus greggii

- Tuber: 8 lbs
- White tickets
- Price \$5 each / 5 for \$20



Rescued by Rob Romero at Santa Rita Road

RAFFLE PLANTS

Prices: \$1 per ticket Six tickets for \$5

Mammillaria parkinsonii



- Raffle plant
- Origin: Mexico (Queretero)
- Min temp: to 14 deg F
- Forms clusters
 - Head height: to 6 in
 - Head diameter: to 6 in
- Propagated from seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Aloe hybrid 'Starry Night'

- Raffle
- Origin: Cultivar
- Min temp: protect from frost
- Forms rosette
 - Height: to 9 in
 - Diameter: to 9 in
- Propagated from cuttings
- Filtered sun
- Water when dry during warm weather
- Use well drained soil mix



Mammillaria magnimamma



- Raffle
- Origin: Central Mexico
- Min temp: to 14 deg F
- Forms large mounds
 - Stem diameter: to 5 in
 - Stem height: to 6 in
- Full sun
- Propagated from seed or offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil

Agave pygmaea

- Raffle
- Origin: Guatemala, Mexico (Chiapas)
- Min temp: protect from frost
- Dwarf hybrid 'Dragon Toes'
- Forms rosette
 - Height: to 12 in
 - Diameter: to 12 in
- Grows slowly
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Echinocereus barthelowanus



- Raffle
- Origin: Mexico (Baja California Sur, Magdalena and Margarita Islands)
- Min temp: protect from frost
- Forms clusters of loosely connected stems
 - Stem diameter: to 2 in
 - Stem height: to 12 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Agave decipiens (hybrid?)

- Raffle
- Origin: Florida
- Min temp: protect from frost
- Forms clusters
 - Height: to 12 in
 - Diameter: to 10 in
- Propagated from offsets
- Filtered sun
- To establish, water when dry during warm weather
- Use well drained soil mix



DOOR PRIZES

Pick up ticket as you enter Must have your name tag

Echinocereus pacificus



Door Prize

- Origin: Mexico (Baja California)
- Min temp: protect from frost
- Forms small upright clusters
 - Stem diameter: to 4 in.
 - Stem height: to 15 in.
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Pedilanthus tithymaloides



- Door prize
- Origin: Central America
- Min temp: protect from frost
- Grows into shrub
 - Height: to 6 ft
 - Diameter: to 2 ft
- Propagated from seed, offsets
- Filtered sun
- Well-drained soil

Coryphantha cornifera



Door prize

- Origin: Mexico (Queretaro, Hidalgo)
- Min temp: 14 deg F
- Usually solitary
 - Diameter: to 6 in
 - Height: to 6 in
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Aloe nobilis variegata

- Door prize
- Origin: Cultivar
- Min temp: protect from frost
- Forms clusters
 - Stem diameter: to 5 in
 - Stem height: up to 6 in
- Propagated from offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Ferocactus alamosanus



Door prize

- Origin: Mexico (Sonora)
- Min temp: protect from frost in colder areas
- Species threatened in habitat
- Usually solitary
 - Height: to 3 ft
 - Diameter: to 14 in
- Propagated by seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Sedum hernandezii

- Door Prize
- Origin: Mexico (Puebla)
- Min temp: protect from frost
- Forms clusters of stems
 - Stem height: to 4 in
 - Stem diameter: to 2 in
- Propagated from seeds, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Use well-drained soil



FREE PLANTS

Rules: One plant per person Must stay until end of meeting Please be courteous

Gymnocalycium baldianum

- Free plant
- Origin: Argentina (Catamarca)
- Min temp: to 14 deg F
- May form clusters
 - Stem diameter: to 5 in
 - Stem height: to 4 in
- Flowers readily
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Lapidaria margaretae



<u>Free plant</u>

- Origin: South Africa, Namibia
- Min temp: protect from frost in colder areas
- Forms cluster
 - Plant height: to 3 in
 - Stem diameter: to 3 in
- Propagated from seed or offsets
- Filtered sun
- Water sparsely to avoid splitting epidermis of plant
- Water when dry during warm weather
- Well-drained gritty soil

Mammillaria camptotricha cv marnier-lapostollei

- Free plant
- Origin: Cultivar
- Min temp: to 14 deg F
- Forms large, flat clump of stems
 - Stem diameter: to 2 in
 - Clump height: to 4 in
- Full / Filtered sun
- Propagated from cuttings
- Water when dry during warm weather
- Use highly porous, well-drained soil



Anacampseros rufescens

- Free plant
- Origin: South Africa
- Min temp: protect from frost
- Forms small caudex with age
 - Height: to 6 in
 - Caudex diameter: to 2 in
- Propagated from seeds or offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil





Titanopsis calcarea



- Origin: Namibia, South Africa (Cape Province, Orange Free State)
- Min temp: protect from frost
- Forms small, low rosette
 - Stem diameter: to 3 in
 - Stem height: to 1 in
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Rebutia fiebrigii

- Free plant
- Origin: Bolivia
- Min temp: to 14 deg F
- Forms dense cluster of stems
 - Stem diameter: to 1 in
 - Stem height: to 1 in
- Full / Filtered sun
- Propagated from cuttings
- Water when dry during warm weather
- Use highly porous, well-drained soil



Leuchtenbergia principis

- Free plant
- Origin: Mexico (San Luis Potosi, Chihuahua)
- Min temp: to 14 deg F
- Well camouflaged in habitat by long papery spines that resemble dry grass
- Usually solitary
 - Stem height: to 2 ft
 - Stem diameter: to 10 in
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil



Plectranthus tomentosa



<u>Free plant</u>

- Origin: Possibly India
- Min temp: protect from frost
- Has aromatic leaves
- Forms small hanging shrub
 - Stem diameter: to 3 in
 - Stem height: to 8 in
- Propagated by seed, stem cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Euphorbia makallensis



- Free plant
- Origin: Ethiopia
- Min temp: protect from frost
- Forms clusters
 - Stem diameter: to 1 in
 - Stem height: to 4 in
- Filtered sun
- Water when dry in warm weather
- Well-drained soil

Mammillaria plumosa



- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- Has soft, feathery spines
- Forms low dense clumps
 - Stem diameter: to 3 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria schiedeana ssp schiedeana

<u>Free plant</u>

- Origin: Mexico (Tamaulipas)
- Min temp: to 14 deg F
- Usually forms clusters
 - Stem height: to 3 in
 - Stem diameter: to 3 in
- Filtered sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil



Faucaria tigrina

- <u>Free plant</u>
- Origin: South Africa (Eastern Cape Province)
- Min temp: protect from frost
- Forms low spreading clusters
 - Height: to 6 in
 - Diameter: to 8 in
- Water sparsely to avoid breaking epidermis
- Propagated from seeds, cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil



Plectranthus amboinicus



- Origin: Indonesia (Maluku Islands)
- Min temp: protect from frost
- Has aromatic leaves
- Forms small hanging shrub
 - Stem diameter: to 3 in
 - Stem height: to 8 in
- Propagated by seed, stem cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Astrophytum myriostigma quadricostatum



- Free plant
- Origin: Cultivar
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Aloe variegata

- Free plant
- Origin: South Africa, Namibia
- Min temp: to 20 deg F
 - Survives in Vail underneath mesquite trees
- Forms rosettes
 - Stem width: to 9 in
 - Stem height: to 12 in
- Propagated from seeds, cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil





Notocactus buiningii

- Origin: Brazil, Uruguay
- Min temp: can tolerate occasional frost in warmer areas of town
- Usually solitary
 - Stem diameter: to 5 in
 - Stem height: to 3 in
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil





Ferocactus macrodiscus



- Origin: Mexico (San Luis Potosi, Guanajuato, Oaxaca)
- Min temp: protect from frost in colder areas
- Grows very slowly and stays low
- Usually solitary
 - Diameter: to 12 in
 - Height: to 5 in
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria bocasana var 'roseiflora'



- Origin: Mexico (Zacatecas, San Luis Potosi)
- Min temp: to 14 deg F
- Forms multi-headed clumps
 - Stem height: to 2 in
 - Stem diameter: to 2 in
- Propagated by seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Gymnocalycium bruchii ssp matznetteri

- Free plant
- Origin: Argentina (Cordoba)
- Min temp: to 14 deg F
- May form clusters at base
 - Stem height: to 3 in
 - Stem diameter: to 2 in
- Propagated by seed, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Thank You To Our Plant Suppliers This Month:

B & B Cactus Farm
Miles' To Go
Mike Ellis
Shady Way Gardens
TCSS Cactus Rescue Crew





Tucson Cactus and Succulent Society September 2019

RAFFLE PLANTS DOOR PRIZES FREE PLANTS

Presented by Donna and Robert Ellis

RAFFLE PLANTS

Prices: \$1 per ticket Six tickets for \$5

Prococo Coco Peat Block



<u>Raffle</u>

- Compressed coconut cor fiber
- 10-lb brick
- Donated by EcoGro

Lophocereus schottii monstrose



- Raffle
- Origin: Mexico (Sonora, Baja California)
- Min temp: to 14 deg G
- Grows as tall, irregularly shaped pole
 - Diameter: to 6 in
 - Height: to 10 ft
- Naturally occurring hybrid that rarely flowers
- Propagated from cuttings
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Pachypodium lamerei



<u>Raffle</u>

- Origin: Madagascar
- Min temp: protect from frost
- Forms semi-deciduous stemmed tree with a stout truck
 - Trunk diameter: to 1 ft
 - Height: to 15 ft
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Trichocereus terscheckii



- Raffle
- Origin: Argentina
- Min temp: to 14 deg F
- Grows up to 18 inches/year with water, fertilizer
- Forms numerous branches
 - Height: to 25 ft
 - Diameter: to 18 in
- Propagated from seeds or cuttings
- Full sun
- Water when dry during warm weather
- Well-drained soil

Euphorbia milii v imperatae

- Raffle
- Origin: Madagascar
- Min temp: protect from frost
- Smallest variety of milii
- Forms dwarf shrub
 - Height: to 1 ft
 - Diameter: to 1 ft
- Propagated from cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil



Opuntia ficus-indica cv 'Sunburst'



Raffle

- Origin: Cultivar
- Min temp: protect from frost
- Forms clusters of oval pads
 - Cluster height: to 3 ft
 - Pad length: to 10 in
- Propagated from offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Fouquieria macdougalii

- Raffle
- Origin: Mexico (Sonora)
- Min temp: to 25 deg F
- In same genus as Ocotillo (Fouquieria splendens)
- Grows into dense, spiky shrub
 - Diameter: to 4 ft
 - Height: to 8 ft
- Propagated from seed
- Filtered sun
- Well-drained soil



DOOR PRIZES

Pick up ticket as you enter Must have your name tag

Denmoza rhodacantha



<u>Door prize</u>

- Origin: Argentina (Mendoza—Salta)
- Min temp: to 14 deg F
- Grows slowly, eventually forms columnar cactus
 - Diameter: to 1 ft
 - Height: to 5 ft
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Agave parrasana



Door prize

- Origin: Mexico (Coahuila)
- Grows in Parras Mountains from 4500-8000 ft elevation
- Min temp: to 14 deg F
- Aka 'Cabbage Head Agave'
- Forms compact rosette with few offsets
 - Diameter: to 2 ft
 - Height: to 2 ft
- Propagated from seed, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Echinocereus pacificus



Door prize

- Origin: Mexico (Baja California)
- Min temp: protect from frost
- Forms small upright clusters
 - Stem diameter: to 4 in.
 - Stem height: to 15 in.
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Hesperaloe parviflora

- Door prize
- Origin: SW USA (Texas); NE Mexico (Coahuila)
- Min temp: to 14 deg
- Forms arching rosettes
 - Height: to 18 in
 - Diameter: to 22 in
- Propagated from seed, offsets
- Full sun
- Well-drained soil





Mammillaria mystax



- Door prize
- Origin: Mexico (central)
- Min temp: to 14 deg F
- Flowers rose-purple
- Usually solitary
 - Height: to 6 in
 - Diameter: to 4 in
- Propagated from seed
- Full / filtered sun
- Water when dry during warm weather
- Use well-drained soil

Aloe hybrid

- Door prize
- Origin: Cultivar
- Min temp: protect from frost
- Forms small cluster
 - Diameter: to 6 in
 - Height: to 12 in
- Propagated from cuttings
- 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

Gymnocalycium baldianum

- Free plant
- Origin: Argentina (Catamarca)
- Min temp: to 14 deg F
- May form clusters
 - Stem diameter: to 5 in
 - Stem height: to 4 in
- Flowers readily
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Lapidaria margaretae



<u>Free plant</u>

- Origin: South Africa, Namibia
- Min temp: protect from frost in colder areas
- Forms cluster
 - Plant height: to 3 in
 - Stem diameter: to 3 in
- Propagated from seed or offsets
- Filtered sun
- Water sparsely to avoid splitting epidermis of plant
- Water when dry during warm weather
- Well-drained gritty soil

Mammillaria camptotricha cv marnier-lapostollei

- Free plant
- Origin: Cultivar
- Min temp: to 14 deg F
- Forms large, flat clump of stems
 - Stem diameter: to 2 in
 - Clump height: to 4 in
- Full / Filtered sun
- Propagated from cuttings
- Water when dry during warm weather
- Use highly porous, well-drained soil



Anacampseros rufescens

- Free plant
- Origin: South Africa
- Min temp: protect from frost
- Forms small caudex with age
 - Height: to 6 in
 - Caudex diameter: to 2 in
- Propagated from seeds or offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil





Titanopsis calcarea



- Origin: Namibia, South Africa (Cape Province, Orange Free State)
- Min temp: protect from frost
- Forms small, low rosette
 - Stem diameter: to 3 in
 - Stem height: to 1 in
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Drimiopsis maculata

- <u>Free plant</u>
- Origin: South Africa
- Min temp: to 25 deg F
- Deciduous bulb
- Forms low spreading clusters
 - Height: to 12 in
 - Diameter: to 12 in
- Medium water needs
- Propagated from bulbs
- Filtered sun
- Use well-drained soil





Ferocactus latispinus



- Free plant
- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 14 in
 - Stem height: to 12 in
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria plumosa



- Origin: Mexico (Coahuila, Nuevo Leon)
- Min temp: to 14 deg F
- Has soft, feathery spines
- Forms low dense clumps
 - Stem diameter: to 3 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Euphorbia trigona rubra

- Free plant
- Origin: Africa (Angola, Malawi, Gabon)
- Min temp: protect from frost
- Forms densely compact erect shrub
 - Stem width: to 3 in
 - Stem height: to 3 ft
- Propagated from seeds, cuttings
- Filtered sun
- Water when dry during warm weather
- Use well-drained soil



Gymnocalycium friedrichii



- Origin: Paraguay
- Min temp: to 14 deg F
- Solitary plant with banded body
 - Height: to 5 in
 - Diameter: to 5 in
- Has gray-green fruit
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Haworthia venosa tesselata

<u>Free plants</u>

- Origin: South Africa, Namibia
- Min temp: protect from frost
- Forms clusters
 - Stem height: to 5 in
 - Stem diameter: to 3 in
- Propagated from stolon, offsets
- Pattern on leaves more prominent with bright sun
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Astrophytum myriostigma



- Free plant
- Origin: Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Euphorbia stenoclada





- Origin: Madagascar
- Min temp: tolerates light frost
- Habitat: Rocky outcrops in subtropical dry forest
- Forms dense thicket
 - Diameter: to 6 ft
 - Height: to 6 ft
- Propagated from seed germinated in agar, woody stem cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Echinocactus grusonii

- <u>Free plant</u>
- Origin: Mexico (Queretaro)
- Min temp: to 14 deg F
- Hardy; one of most common cacti in cultivation
- Usually solitary, may cluster with age or injury to growing apex
 - Diameter: to 18 in
 - Height: to 2 ft
- Propagated from seed or offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil



Euphorbia esculenta



- Origin: South Africa (Cape Province)
- Min temp: protect from frost
- Grows in a spiral and eventually forms underground caudex
 - Diameter: to 1 ft
 - Height: to 6 in
- Propagated from woody stem cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Notocactus ottonis

- Free plant
- Origin: Argentina, Brazil, Paraguay, Uruguay
- Min temp: can tolerate occasional frost
- Forms dwarf clumps
 - Stem diameter: to 5 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Haworthia attenuata



- Origin: South Africa (Eastern Cape Province)
- Min temp: protect from frost
- Forms clusters
 - Stem diameter: to 3 in
 - Stem height: to 4 in
- Propagated from offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Echinopsis chamaecereus hybrid ('Peanut Cactus')



- Origin: Argentina? (Has not been found in the wild since 1900)
- Min temp: to 14 deg F
- Forms hanging clumps
 - Stem diameter: to 1 in
 - Stem length: to 6 in
- Propagated from offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Monadenium ritchiei



- Origin: East Africa, Kenya
- Protect from frost
- Forms compact clumps
 - Height: to 8 in
 - Stem diameter: to 1 in
- Leaves, stems take on purplish hue in enough light
- Propagated from cuttings, underground shoots, seeds
- Filtered sun
- Water when dry during warm weather
- Well-drained soil
- Keep dry in winter

Opuntia microdasys monstrose



- Free plant
- Origin: Cultivar
- Min temp: to 14 deg F
- Forms dense clusters with twisted pads
- Pads have bright yellow clusters of glochids that fall off easily and irritate skin
 - Pad diameter: to 6 in
 - Shrub height: to 3 ft
- Propagated from pads
- Full sun
- Water when dry during warm weather
- Well-drained soil

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B & B Cactus Garden
Miles' To Go
Robert Ellis





Tucson Cactus and Succulent Society October 2019

RAFFLE PLANTS DOOR PRIZES FREE PLANTS

Presented by Donna and Robert Ellis

RAFFLE PLANTS

Prices: \$1 per ticket Six tickets for \$5

Chips-N-Fiber Block



- Raffle
- Compressed coconut husk
- 10-lb brick
- Donated by EcoGro

Coleocephalocereus aureus



Raffle

- Origin: Brazil (Minas Gerais)
- Min temp: protect from frost
- Forms small columnar cactus
 - Stem diameter: to 5 in
 - Stem height: to 16 in
- Forms cephalum along one side when mature enough to flower
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Pachypodium lealii ssp saundersii





Raffle

- Origin: South Africa
- Min temp: to 25 deg F
- Summer grower
- Forms low branching caudex
 - Diameter: to 18 in
 - Height: to 4 ft
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria rekoi v leptacantha



- Raffle
- Origin: Mexico (Oaxaca)
- Min temp: to 15 deg F
- Forms mounded clusters
 - Stem height: to 8 in
 - Stem diameter: to 4 in
- Propagated from seed, offsets
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Agave nickelsiae

- Raffle
- Origin: Mexico (Coahuila, Durango, Nuevo Leon)
- Min temp: to 14 deg F
- Grows slowly
- Forms open rosette
 - Diameter: to 18 in
 - Height: to 18 in
- Full sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, welldrained soil



Platyopuntia sulphurea





- Raffle
- Origin: Argentina, Bolivia
- Min temp: to 25 deg F
- Branching pads
 - Height: to 18 inches
 - Joint length: to 8 in
- Propagated from seed or cuttings
- Full sun
- Water when dry during warm weather
- Use well-drained soil

Euphorbia resinifera 'Moroccan Mound'

Raffle

- Origin: Morocco
- Min temp: to 20 deg F
- Habitat: Atlas Mountains
- Forms dense rounded mat
 - Diameter: to 3 ft
 - Height: to 2 ft
- Full sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil



DOOR PRIZES

Pick up ticket as you enter Must have your name tag

Ferocactus hystrix

- Door prize
- Origin: Mexico (central)
- Min temp: protect from frost in colder areas
- Usually solitary
 - Diameter: to 2 ft
 - Height: to 3 ft
- Threatened in habitat
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Euphorbia tortilis

- Door Prize
- Origin: India
- Min temp: protect from frost
- Forms rigid, erect tree
 - Height: to 4 ft
 - Diameter: to 24 in
- Propagated from seeds, cuttings
- Full / Filtered sun
- Water when dry during warm weather
- Use well-drained soil



Mammillaria grusonii



Door Prize

- Origin: Mexico (Coahuila, Durango)
- Min temp: to 14 deg F
- One of the largest species in genus
- Usually solitary
 - Diameter: to 12 in
 - Height: to 10 in
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Adenium obesum

- Door Prize
- Origin: Africa, Arabian
 Peninsula
- Min temp: protect from frost
- Forms caudiciform trunk
 - Plant height: to 6 ft
 - Plant diameter: to 4 ft
- Plant in shallow, wide container to encourage fat caudex
- Propagated from cuttings, seed
- Full / filtered sun
- Well-drained soil



Oreocereus celsianus





- Door Prize
- Origin: Argentina, Bolivia, Peru
- Min temp: 14 deg F
- "Old Man of the Andes"
- Usually solitary, may cluster at base
 - Width of stem: up to 8 in
 - Height: to 10 ft
- Propagated by seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Hesperaloe parviflora

- Door prize
- Origin: SW USA (Texas); NE Mexico (Coahuila)
- Min temp: to 14 deg
- Forms arching rosettes
 - Height: to 18 in
 - Diameter: to 22 in
- Propagated from seed, offsets
- Full sun
- Well-drained soil





FREE PLANTS

Rules: One plant per person Must stay until end of meeting Please be courteous

Agave parryi v huachucensis



- Origin: SE Arizona; Mexico (Chihuahua)
- Min temp: to 14 deg F
- Forms fairly compact clusters with broad leaves
 - Rosette diameter: to 24 in
 - Rosette height: to 18 in
- Propagated from seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Echinopsis chamaecereus hybrid ('Peanut Cactus')



- Origin: Argentina? (Has not been found in the wild since 1900)
- Min temp: to 14 deg F
- Forms hanging clumps
 - Stem diameter: to 1 in
 - Stem length: to 6 in
- Propagated from offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Anacampseros rufescens

- Free plant
- Origin: South Africa
- Min temp: protect from frost
- Forms small caudex with age
 - Height: to 6 in
 - Caudex diameter: to 2 in
- Propagated from seeds or offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil





Mammillaria backebergiana



Free Plant

- Origin: Mexico (Guerrero, Michoacan)
- Min temp: give some protection in colder areas
- Forms slender recumbent column that may cluster in time
 - Stem diameter: to 2¹/₂ in
 - Stem height: to 12 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Titanopsis calcarea



- Origin: Namibia, South Africa (Cape Province, Orange Free State)
- Min temp: protect from frost
- Forms small, low rosette
 - Stem diameter: to 3 in
 - Stem height: to 1 in
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Coryphantha salinensis

- Free plant
- Origin: Mexico (Coahuila, Hidalgo, Nuevo Leon)
- Min temp: give some protection in colder areas
- Usually solitary
 - Stem height: to 6 in
 - Stem diameter: to 4 in
- Propagated by seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil





Drimiopsis maculata

- <u>Free plant</u>
- Origin: South Africa
- Min temp: to 25 deg F
- Deciduous bulb
- Forms low spreading clusters
 - Height: to 12 in
 - Diameter: to 12 in
- Medium water needs
- Propagated from bulbs
- Filtered sun
- Use well-drained soil





Coryphantha recurvata





- Free plant
- Origin: Arizona, Mexico (Sonora)
- Min temp: to 14 deg F
- Grows very slowly
 - TCSS field guide pp 38-39
- Usually solitary, forms clumps with age
 - Stem height: to 8 in
 - Stem diameter: to 7 in
- Propagated by seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Haworthia venosa tesselata

- Origin: South Africa, Namibia
- Min temp: protect from frost
- Forms clusters
 - Stem height: to 5 in
 - Stem diameter: to 3 in
- Propagated from stolon, offsets
- Pattern on leaves more prominent with bright sun
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Mammillaria melanocentra

- Origin: Mexico (Coahuila, Durango, Tamaulipas, Nuevo Leon)
- Min temp: to 14 deg F
- Solitary
 - Height: up to 4 inches
 - Width: up to 6 inches
- Propagated from seeds
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Euphorbia makallensis



- Free plant
- Origin: Ethiopia
- Min temp: protect from frost
- Forms clusters
 - Stem diameter: to 1 in
 - Stem height: to 4 in
- Filtered sun
- Water when dry in warm weather
- Well-drained soil

Astrophytum capricorne



- Origin: Mexico (Chihuahua, Coahuila)
- Min temp: to 14 deg F
- Spines serve as camouflage in grass
- Usually solitary
 - Stem diameter: to 6 in
 - Stem height: to 2 ft
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Euphorbia esculenta

- Free plant
- Origin: South Africa (Cape Province)
- Min temp: protect from frost
- Grows in a spiral and eventually forms underground caudex
 - Diameter: to 1 ft
 - Height: to 6 in
- Propagated from woody stem cuttings
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Mammillaria matudae





- Origin: Mexico (Michoacan)
- Min temp: protect from frost
- Forms wide clusters in time
 - Stem length: to 20 in
 - Stem diameter: to 3 in
- Full / Filtered sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil

Haworthia attenuata



- Origin: South Africa (Eastern Cape Province)
- Min temp: protect from frost
- Forms clusters
 - Stem diameter: to 3 in
 - Stem height: to 4 in
- Propagated from offsets
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Echinopsis subdenudata

- Free plant
- Origin: Bolivia, Paraguay
- Min temp: to 14 deg F
- Forms clusters
 - Stem diameter: to 3 in
 - Stem height: to 3 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Mammillaria heyderi v heyderi



<u>Free plant</u>

- Origin: New Mexico, Oklahoma, Texas; Mexico (Tamaulipas, Nuevo Leon, Coahuila)
- Min temp: to 14 deg F
- Solitary, grows low to the ground
 - Stem height: to 2 in
 - Stem diameter: to 4 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Thank You To Our Plant Suppliers This Month:

Bach's Greenhouse Cactus Nursery
 B & B Cactus Garden
 Miles' To Go
 Skip Brown





Tucson Cactus and Succulent Society November 2019

RAFFLE PLANTS DOOR PRIZES FREE PLANTS

Presented by Donna and Robert Ellis

RAFFLE PLANTS

Prices: \$1 per ticket Six tickets for \$5

Beaucarnea gracilis

- Raffle
- Origin: Mexico
- Min temp: protect from frost in colder areas
- Forms caudiciform trunk
 - Caudex diameter: to 3 ft+
 - Height: to 12 ft+
- Has white flowers
- Propagated from seed
- Filtered sun
- Water when dry during warm weather
- Well-drained soil



Mammillaria rhodantha ssp pringlei



<u>Raffle</u>

- Origin: Mexico (San Luis Potosi, Jalisco, Guanajuato, Queretaro, Hidalgo)
- Min temp: to 14 deg F
- Usually solitary
 - Diameter: to 6 in
 - Height: to 5 in
- Propagated from seed
- Full / filtered sun
- Water when dry during warm weather
- Well-drained soil

Agave aurea ssp promontorii

- Raffle
- Origin: Mexico (southern Baja California)
- Min temp: protect plant at 25 deg F
- Forms open rosette
 - Diameter: to 8 ft
 - Height: to 6 ft
- Full sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, welldrained soil



Ferocactus hematacanthus



<u>Raffle</u>

- Origin: USA (New Mexico, Texas); Mexico (Chihuahua)
- Min temp: 14 deg F
- Usually solitary
 - Diameter: to 8 in
 - Height: to 16 in
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Cyphostemma juttae

- Raffle
- Origin: Namibia, South Africa
- Min temp: can tolerate light frost
- Slow growing
- Deciduous in winter
- Forms caudiciform trunk
 - Height: to 6 ft
 - Diameter: to 3 ft
- Propagated from seed, cuttings
- Full / Filtered sun
- Use well-drained soil



Mammillaria geminispina



<u>Raffle</u>

- Origin: Mexico (Hidalgo, Queretaro, San Luis Potosi)
- Min temp: to 14 deg F
- Forms large clusters
 - Stem diameter to 3 in
 - Height: to 15 in
- Propagated from seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

DOOR PRIZES

Pick up ticket as you enter Must have your name tag

Pachypodium bispinosum



- Door prize
- Origin: S Africa (Eastern Cape)
- Min temp: tolerates frost
- Deciduous caudiciform shrub
 - Height: to 5 ft.
 - Base diameter: to 8 in
- Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil



Trichocereus hybrid (color unknown)

- Origin: Cultivar, most parent species native to Argentina
- Min temp: to 14 deg F
- Flower color ranges from white to yellow, orange, pink, red
- Forms clusters of stems
 - Stem diameter: to 4 in.
 - Height: to 18 in.
- Propagated from offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Fouquieria macdougalii

- Door prize
- Origin: Mexico (Sonora)
- Min temp: to 25 deg F
- In same genus as Ocotillo (Fouquieria splendens)
- Grows into dense, spiky shrub
 - Diameter: to 4 ft
 - Height: to 8 ft
- Propagated from seed
- Filtered sun
- Well-drained soil



Echinocactus texensis





- Origin: USA (Texas, New Mexico, Oklahoma); Mexico (Coahuila, Nuevo Leon, Durango, Tamaulipas)
- Min temp: to 14 deg F
- Habitat: Open oak woodland, often hidden in grass (hence nickname, 'Horse Crippler')
- Grows as flat, circular barrel
 - Diameter: to 1 ft
 - Height: to 6 in
- Propagated by seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Agave maximilliana



- Origin: Mexico (Jalisco, Nayarit, Zacatecas)
- Min temp: to 30 deg F
- Usually solitary
 - Diameter: to 24 in
 - Height: to 12 in
- Propagated from seed, rarely from offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria standleyi



- Origin: Mexico (Sierra Madre in Sinaloa, Chihuahua, Sonora)
- Min temp: give protection in colder areas
- Forms clusters
 - Stem diameter: to 5 in
 - Height: to 5 in
- Propagated from cuttings, seed
- 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

Agave cerulata

Free plant

- Origin: Mexico (Baja California)
- Min temp: ?? protect from frost
- Forms clusters at base
 - Diameter: up to 2 ft
 - Height: to 15 in
- Propagated by seeds, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil



Pachypodium bispinosum



- Free plant
- Origin: S Africa (Eastern Cape)
- Min temp: tolerates frost
- Deciduous caudiciform shrub
 - Height: to 5 ft.
 - Base diameter: to 8 in
- Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil



Agave multifilifera

- Free plant
- Origin: Mexico (Chihuahua, Durango, Sinaloa)
- Min temp: to 14 deg F
- Grows slowly
- Forms dense solitary rosette
 - Diameter: to 4 ft
 - Height: to 3 ft
- Propagated from seed
- Full sun
- Well-drained soil



Ferocactus gracilis



- Free plant
- Origin: North central Baja California
- Coastal fog desert
- Min temp: 18 deg F
- Solitary
 - Height: up to 3 feet
 - Diameter: up to 12 inches
- Propagated from seed
- Full sun
- Water when dry during warm weather
- Well-drained soil

Agave sobria



- Free plant
- Origin: Mexico (Baja California)
- Min temp: tolerated light snowfall last year at Desert Museum
- Forms open rosette with widespaced red teeth
 - Diameter: to 3 ft
 - Height: to 2 ft
- Propagated from seed
- Full sun
- Well-drained soil

Mammillaria backebergiana



Free Plant

- Origin: Mexico (Guerrero, Michoacan)
- Min temp: give some protection in colder areas
- Forms slender recumbent column that may cluster in time
 - Stem diameter: to 2¹/₂ in
 - Stem height: to 12 in
- Propagated from seed, offsets
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Agave bovicornuta

- Free plant
- Origin: Mexico (Sonora, Sinaloa, Chihuahua)
- Min temp: to 25 deg F
- Usually solitary
 - Diameter : to 5 ft
 - Height: to 3 ft
- Filtered sun
- Propagated by seed
- Water when dry during warm weather
- Well-drained soil



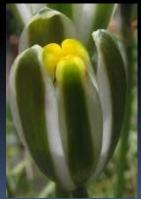
Thelocactus bicolor

- Free plant
- Origin: Texas, Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Usually solitary
 - Stem diameter: to 4 in
 - Height: to 8 in
- Propagated from seed
- Full sun
- Well-drained soil



Albuca 'Augrabies Hill'





<u>Free plant</u>

- Origin: South Africa
- Min temp: protect from frost
- Forms clusters of stems with exposed bulbs
 - Bulb diameter: to 2 in
 - Stem height: to 6 in
- Propagated by seed, offset bulbs
- Filtered sun
- Water when dry during warm weather
- Well-drained soil

Coryphantha recurvata





- Free plant
- Origin: Arizona, Mexico (Sonora)
- Min temp: to 14 deg F
- Grows very slowly
 - TCSS field guide pp 38-39
- Usually solitary, forms clumps with age
 - Stem height: to 8 in
 - Stem diameter: to 7 in
- Propagated by seed, offsets
- Full sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria melanocentra

Free plant

- Origin: Mexico (Coahuila, Durango, Tamaulipas, Nuevo Leon)
- Min temp: to 14 deg F
- Solitary
 - Height: up to 4 inches
 - Width: up to 6 inches
- Propagated from seeds
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil



Euphorbia makallensis



- Free plant
- Origin: Ethiopia
- Min temp: protect from frost
- Forms clusters
 - Stem diameter: to 1 in
 - Stem height: to 4 in
- Filtered sun
- Water when dry in warm weather
- Well-drained soil

Astrophytum capricorne



Free plant

- Origin: Mexico (Chihuahua, Coahuila)
- Min temp: to 14 deg F
- Spines serve as camouflage in grass
- Usually solitary
 - Stem diameter: to 6 in
 - Stem height: to 2 ft
- Propagated from seed
- Full / Filtered sun
- Water when dry during warm weather
- Well-drained soil

Mammillaria matudae





Free plant

- Origin: Mexico (Michoacan)
- Min temp: protect from frost
- Forms wide clusters in time
 - Stem length: to 20 in
 - Stem diameter: to 3 in
- Full / Filtered sun
- Propagated from seed, offsets
- Water when dry during warm weather
- Use highly porous, well-drained soil

Mammillaria heyderi v heyderi



<u>Free plant</u>

- Origin: New Mexico, Oklahoma, Texas; Mexico (Tamaulipas, Nuevo Leon, Coahuila)
- Min temp: to 14 deg F
- Solitary, grows low to the ground
 - Stem height: to 2 in
 - Stem diameter: to 4 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

Astrophytum myriostigma



- Free plant
- Origin: Mexico (San Luis Potosi)
- Min temp: to 14 deg F
- Solitary
 - Stem diameter: to 6 in
 - Stem height: to 15 in
- Full / Filtered sun
- Propagated from seed
- Water when dry during warm weather
- Use highly porous, well-drained soil

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Starr Nursery
 Bach's Greenhouse Cactus Nursery
 Shady Way Gardens
 Miles' To Go

