

SOUTH COAST CACTUS & SUCCULENT SOCIETY NEWSLETTER | AUGUST 2021

ZOOM PRESENTATION no meeting this month



Greetings to all.

I would like to thank all our presenters for July for their approaches to planting and watering. The discussion afterward was also fun. The link to that recording is on our website.

Minishow: Even though we will not have a meeting in August, we will still publish photos of plants and gardens in our September Newsletter. So please E-mail photos to me at minniecap@icloud.com by August 16th so they will be ready for the Newsletter.

Cacti of the month: Ferocactus, and Leuchtenbergia. *Succulent of the month:* Stapeliads (Huernia, Orbea, Stapelia, Hoodia et al)

Meeting Place: As we discussed at our last meeting, the auditorium at the South Coast Botanic Garden will not be available to us for meetings. When in-person meetings do resume, we will have to find a new location. Sally Fasteau and I will be scouting out possibilities and will report back to the membership.

Meetings will resume in September on Zoom. Many of you have not joined into the Zoom presentations. If your computer does not have video capability, the presentation can still be seen and heard on a computer.

Please use the Zoom help link on the first page of the Society website to join in. I am looking forward to seeing or hearing from more of you.

My Best to all, *Maria Capaldo*

aria

SHARE YOUR GARDEN OR YOUR FAVORITE PLANT



Email me with photos of your garden and/or plants that we can publish as a way of staying connected. minniecap@icloud.com



To learn more visit southcoastcss.org



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SUBMITTED BY: MIKE SHORT

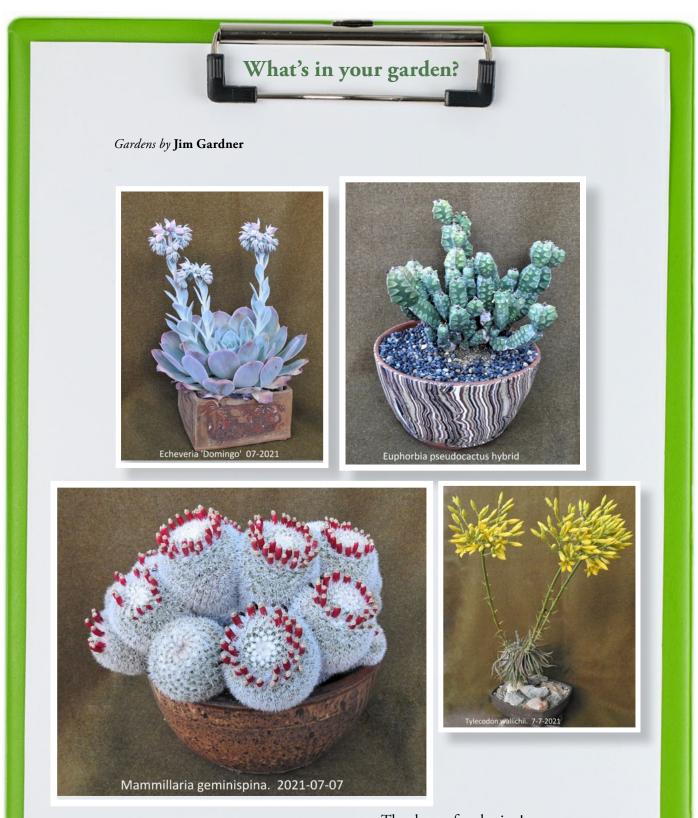
The 35th Inter-City Cactus and Succulent Show and Sale Sale August 6-8, Show August 7-8 L.A. Co. Arboretum, 301 N. Baldwin, Arcadia CA

35th Annual Inter-City Cactus and Succulent Show and Sale



Euphorbia francoisii var crassicaulis

Tickets: Advanced Purchase Required Online Limited Tickets Available Buy Now at Arboretum.org Arboretum Members are Free Hours 11 AM - 5 PM Sale August 6 - 8 Show August 7 - 8 Los Angeles County Arboretum 301 N Baldwin, Arcadia www.intercityshow.com



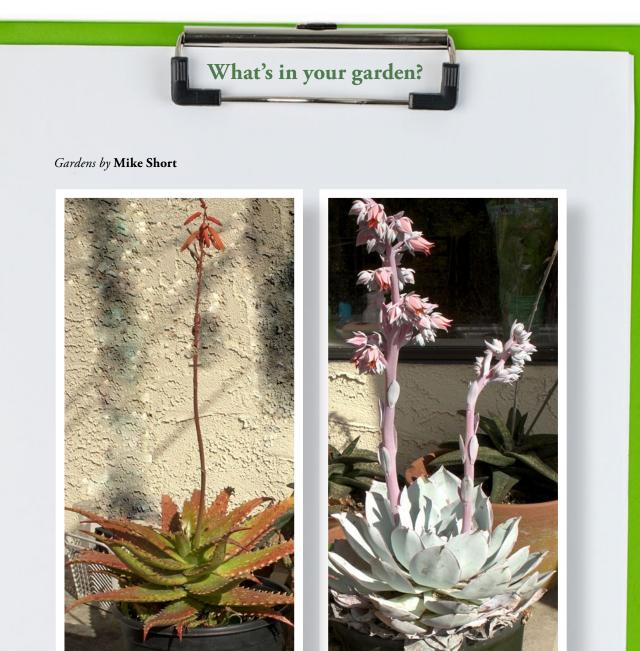
Thank you for sharing! What's in your garden?



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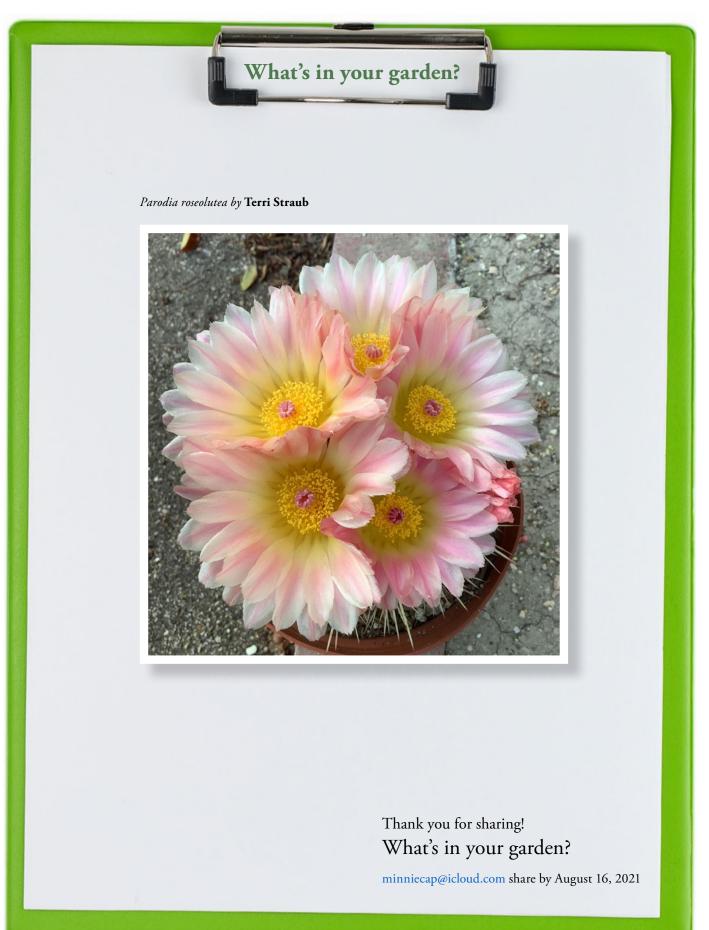
Aloe dorotheae

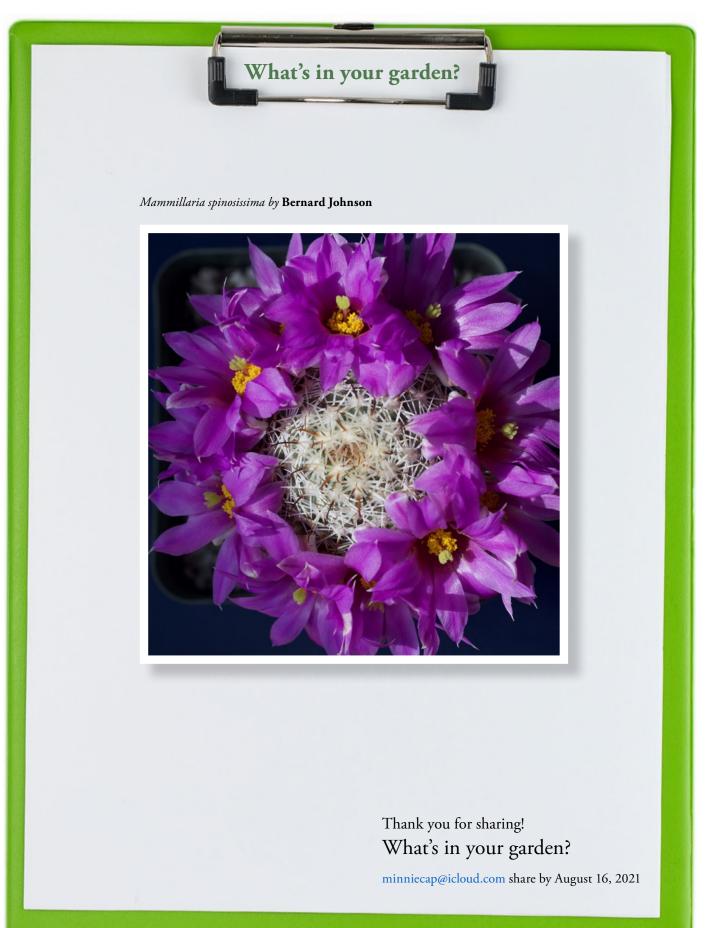
Echeveria cante

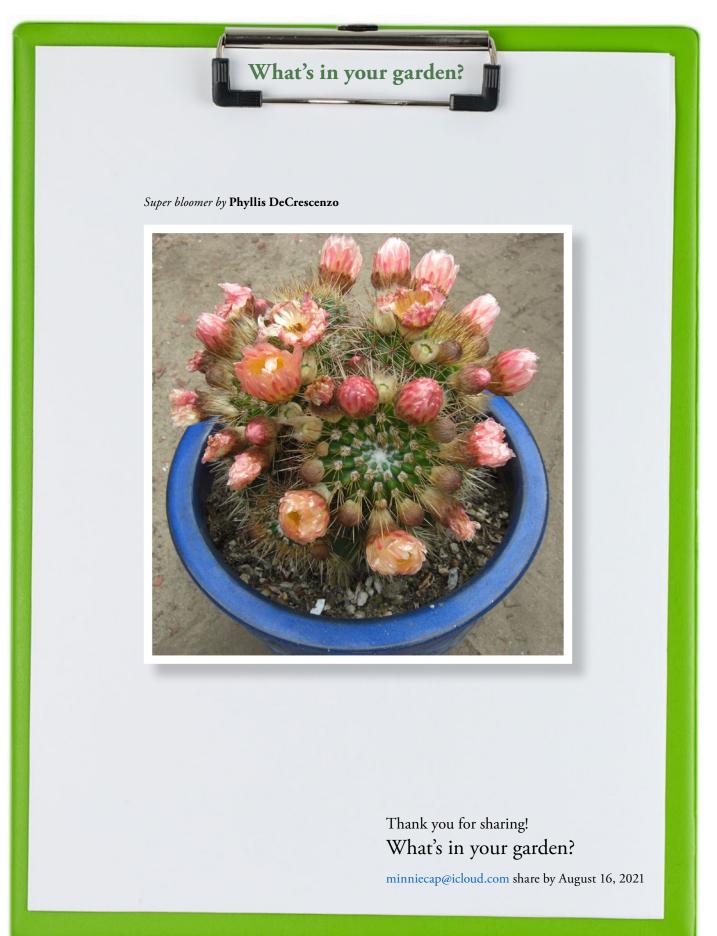
Thank you for sharing! What's in your garden?



What's in your garden?











Mini-Show Plants for 2021-2022

August 2021	Ferocactus, Leuchtenbergia	Stapeliads (Stapelia, Huernia, Orbea)
September 2021	Discocactus, Uebelmania	Kalanchoe
October 2021	Miniature (3 inches or less)	Miniature (3 inches or less)
November 2021	North American Columnar Cacti (Saguaro, Cereus, etc.)	Senecio
December 2021	HOLIDAY POTLUCK???	HOLIDAY POTLUCK???
January 2022	Mammillaria single headed	Lithops, Conophytum
February 2022	Stenocactus, Echinofossulocactus	Euphorbia from Madagascar
March 2022	Thelocactus	Aeonium, Greenovia
April 2022	SHOW and SALE	SHOW and SALE
May 2022	Cactus Dish Garden	Succulent Dish Garden
June 2022	Rebutia, Aylostera, Sulcorebutia, Weingartia	Echeveria
July 2022	Matucana, Oroya	Mesembs, NO Lithops or Conophytum



Monthly Cactus: Ferocactus

Ferocactus is a genus of large barrel-shaped cacti, mostly with large spines and small flowers. There are about 40 species included in the genus. They are found in the southwestern United States and northwestern Mexico.

The young specimens are columnar but as they grow older ribs form and they take on a barrel form. Most of the species are solitary but some, form clumps. The flowers are pink, yellow, red or purple depending on the species, and the petals sometimes have a stripe of a darker color.

They are desert dwellers and can cope with some frost and intense heat. The typical habitat is hot and very arid, and the plants have adapted to exploit water movement to concentrate their biomass in areas where water is likely to be present. Ferocactus typically grow in areas where water flows irregularly or depressions where water can accumulate for short periods of time. They are most often found growing along arroyos (washes) where their seeds have been subjected to scarfication due to water movement, but they oddly also tend to grow along ridges in spots where depressions have formed and can hold water for some period of time.



Ferocactus alamosanus



Ferocactus chrysacanthus



Ferocactus cylindraceus



Ferocactus echidne



Ferocactus chrysacanthus



Ferocactus cylindraceus



Ferocactus emoryi



Ferocactus fordii



By Tom Glavich



Ferocactus have very shallow root systems and are easily uprooted during flash floods. The "fishhook" spines and the armored web of spines enclosing the cactus body in many species of this genus are adaptations which allow the plant to move to more favorable locations. The seeds germinate in areas where water movement occurs or in areas where standing water accumulates for some period of time, and during flash floods, the hooked spines allow the plants to be caught on waterborne debris, uprooted and carried to areas where water tends to accumulate.

In cultivation ferocactus require full sun, little water, and good drainage. They are popular as houseplants. They cannot tolerate freezing temperatures for extended periods, which typically cause them to yellow, bleach, then slowly die. Propagation is usually from seeds.

Many ferocactus species are ant plants, exuding nectar along the upper meristem from extrafloral nectaries above each areole, and hosting ant colonies.







Ferocactus glaucescens



Ferocactus gracilis



Ferocactus hamatacanthus



Ferocactus histrix



Ferocactus latispinus



Ferocactus latispinus



Ferocactus pilosus



Ferocactus wislizenii



By Tom Glavich



Monthly Cactus: Leutchtenbergia

Leuchtenbergia consists of a single species, L. principis that is quite distinct in shape from every other cactus species. It is immediately recognizable due to its extremely elongated triangular tubercles which reach up to 5 inches in length! These tubercles are arranged in a rosette fashion that is reminiscent of an Agave or Yucca. At the end of each of these tubercles is an areole with long, papery, flexible spines. These spines can exceed 8 inches in length. Flowers come from new tubercles in the center of the plant and are bright yellow and easily exceed 2 inches in diameter.

Leuchtenbergia occurs over a wide range in the Chihuahuan desert of Mexico. It has been in cultivation since the middle 1800's and is very common in cultivation today. Aside from their very unique growth habit and big yellow diurnal flowers, these plants are are vigorous growers which adds to their popularity. Cactus: Leuchtenbergia



Leuchtenbergia principis



Leuchtenbergia principis



Leuchtenbergia principis



Leuchtenbergia principis



Leuchtenbergia principis



By Tom Glavich



Stapelia is a genus of low-growing, spineless, stem succulent plants, predominantly from South Africa with a few from other parts of Africa. Several Asian and Latin American species were formerly included but they have all now been transferred to other genera. The flowers of certain species, most notably Stapelia gigantea, can reach 41 cm (16 inches) in diameter when fully open. Most Stapelia flowers are visibly hairy and generate the odor of rotten flesh; a notable exception is the sweetlyscented Stapelia flavopurpurea. Such odors serve to attract various specialist pollinators including, in the case of carrion-scented blooms, blow flies of the dipteran family Calliphoridae. They frequently lay eggs around the coronae of Stapelia flowers, convinced by the plants' deception.

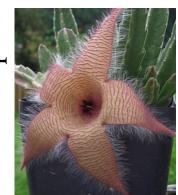
The hairy, oddly textured and colored appearance of many Stapelia flowers has been claimed to resemble that of rotting meat, and this, coupled with their odor, has earned the most commonly grown members of the Stapelia genus the common name of carrion flowers.

A handful of species are commonly cultivated as pot plants and are even used as rockery plants in countries where the climate permits. Stapelia are good container plants and can grow well under full sun and light to moderate watering. They should be planted in well-drained compost as the stems are prone to rotting if kept moist for long.



Monthly Succulent: Stapelia

Succulent: Stapelia



Stapelia gigantea



Stapelia grandiflora



Stapelia variegata



Stapelia schinzii



Stapelia grandiflora



The genus Huernia (family Apocynaceae, subfamily Asclepiadoideae) consists of stem succulents from Eastern and Southern Africa, first described as a genus in 1810. The flowers are five-lobed, usually somewhat more funnel or bell-shaped than in the closely related genus Stapelia, and often striped vividly in contrasting colors or tones, some glossy, others matt and wrinkled depending on the species concerned. To pollinate, the flowers attract flies by emitting a scent similar to that of carrion. The genus is considered close to the genera Stapelia and Hoodia. The name is in honor of Justin Heurnius (1587–1652) a Dutch missionary who is reputed to have been the first collector of South African Cape plants. His name was actually mis-spelt by the collector.

Various species of Huernia are considered famine food by the inhabitants of Konso special woreda in southern Ethiopia. The local inhabitants, who call the native species of this genus baqibaqa indiscriminately, eat it with prepared balls of sorghum; they note that baqibaqa tastes relatively good and has no unpleasant side-effects when boiled and consumed. As a result, local farmers encouraged it to grow on stone walls forming the terraces, where it does not compete with other crops.

Phylogenetic studies have shown the genus to be monophyletic, and most closely related to the Tavaresia genus, and to a widespread branch of stapeliads comprising the genera Orbea, Piaranthus and Stapelia.





Monthly Succulent: Huernia

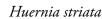
Huernia asperia



Huernia piersii



Huernia primulina







Huernia quinta



Monthly Succulent: Orbea

Orbea variegata is a leafless, glabrous, clumpforming succulent perennial. The fourangled stems are usually prominently sharp-toothed, with a soft tip, grey green mottled purple in full sun. Each stem can reach over 10 inches. Starfish-like flower (has a light carrion smell), corolla 2 - 3 inches across, transversely ridged, pale greenish-yellow with dark purple-brown spots mostly in 6 - 7 rows or sometimes irregularly scattered, annulus pentagonal, 7/8 inch across, pale yellow with small dots, lobes of corona yellow, dusted or spotted purple. Smooth, cylindrical fruits, blotched and dotted purple, up to 4.7 inches long. Native to South Africa (Cape Province). Succulent: Orbea





Orbea lutea

Orbea caudata



Orbea lutea



Orbea baldratii



By Tom Glavich

Latin Lookup

Loquerisne Latine (Do you speak Latin)? The meanings of latin plant names on the previous pages – from http://davesgarden.com/guides/botanary/

CACTUS

alamosanus [al-uh-moh-SAY-nus, al-uh-moh-SAH-nus] Of or from Los Alamos and the Alamos Mountains in Sonora Mexico.

cylindraceus [sil-in-DRAK-ee-us] Cylinder.

echidne [eh-KID-nee] From the Greek echidna (snake).

emoryi [EM-or-ee] Named for William Hemsley Emory, 19th century Army officer and Director of the Mexican Boundary Survey.

Ferocactus [fer-oh-KAK-tus] From the Latin ferus, (fierce) and cactus, referring to its heavy spines.

fordii [FOR-dee-eye] 1. For Charles Ford, 20th century superintendent of the Hong Kong Botanical Garden. 2. For Lyman M. Ford; no further data available.

glaucescens [glaw-KES-kens] Becoming glaucous. gracilis [GRASS-il-is] Graceful; slender.

hamatacanthus [ham-at-uh-KAN-thus] From the Greek hamatus (hooked) and Akantha (thorn or spine).

histrix [HiS-triks] Variant spelling of hystrix, from the Greek word for Porcupine.

latispinus [la-TYE-spin-uss] Broad spines.

Leuchtenbergia [lewk-ten-BER-gee-uh, lewkten-BER-jee-uh] Named for 19th century Prince Maximillian Eugene de Beauharnais, who was then Duke of Leuchtenberg, Ober-Pfalz (Germany).

pilosus [pil-OH-sus] Covered in soft, long hair. **principis** [PRIN-sip-iss] Distinguished, noble.

wislizenii [wis-liz-EN-ee-eye] Named for Frederick Adolf Wislizenus, 19th century German physician and amateur botanist who collected in the southwestern U.S..

SUCCULENT

baldratii [bald-RAH-tee-eye] For 20th century Italian plant collector Isaia Baldrati.

caudata [kaw-DAH-tuh] With a tail.

gigantea [jy-GAN-tee-uh, gy-GAN-tee-uh] Large, gigantic.

grandiflora [gran-dih-FLOR-uh] With large flowers.

Huernia [hew-ERN-ee-uh] Named for Justus Heurnius, 17th century Dutch missionary and botanist.

lutea [LOO-tee-uh] Yellow.

Orbea [ORB-ee-uh] From the Latin orbis, circular shape or disc.

piersii [PEERS-ee-eye] For 20th century South African Government Surveyor, C. P. Piers.

primulina [prim-yoo-LEE-na] Like a Primula. quinta [KWIN-tuh] Fifth; In reference to the fifth variety.

schinzii [SHINZ-ee-eye] For 20th century Swiss botanist Dr. Hans Schinz.

Stapelia [sta-PEL-ee-uh] Named for Johannes Bodaeus van Stapel, 17th century Dutch botanist and physician.

striata [stree-AH-tuh] Striped or fluted. **variegata** [var-ee-GAY-tuh] Variegated.

https://davesgarden.com/guides/botanary



Virtual Mini-Show: SUCCULENT/NOVICE

SUCCULENT CATEGORY: NOVICE



Sansevieria Fernwood 'Mikado' by Jim Tanner



Sansevieria hallii 'Baseball Bat' by Jim Tanner



Virtual Mini-Show: CACTUS/NOVICE

CACTUS CATEGORY: NOVICE



Lobivia saltensis by Terri Straub and Russ Richer



Lobivia sp by Terri Straub



Virtual Mini-Show: CACTUS/INTERMEDIATE

CACTUS CATEGORY: INTERMEDIATE



Lobivia saltensis by Anita Caplan



Virtual Mini-Show: SUCCULENT/INTERMEDIATE

SUCCULENT CATEGORY: INTERMEDIATE



Dracaena trifasciata 'Futura Superba' by Mike Short



Sansevieria kirkii 'Silver Blue' by Bernard Johnson



Dracaena trifasciata by Anita Caplan



Dracaena trifasciata by Mike Short



Virtual Mini-Show: CACTUS/OPEN

CACTUS CATEGORY: OPEN



Echinopsis blooms by Bill Wilk



Echinopsis 'Galaxy' by Bill Wilk



Echinobivia 'Oh Wow" by Jim Gardner



Echinopsis 'Haku-jo' by Maria Capaldo



Echinobivia by Laurel Woodley



Echinopsis 'Los Angeles' by Maria Capaldo



Echinopsis 'Frolic' by Bill Wilk



Echinopsis 'Los Angeles' by Maria Capaldo



Echinopsis backebergii by Laurel Woodley



Echinopsis 'Windigo' by Bill Wilk



Echinopsis by Jim Gardner



Echinopsis ancistrophora ssp. arachnacantha by Laurel Woodley



Echinopsis by Jim Gardner



Echinopsis by Maria Capaldo



Virtual Mini-Show: CACTUS/OPEN

CACTUS CATEGORY: OPEN



Echinopsis hybrid 2 by Sally Fasteau



Echinopsis hybrid by Sally Fasteau



Echinopsis hybrid by Phyllis DeCrescenzo



Echinopsis hybrid flower by Sally Fasteau



Echinopsis hybrid by Phyllis DeCrescenzo



Echinopsis saltensis by Laurel Woodley



Echinopsis hybrid by Phyllis DeCrescenzo



Echinopsis pantlandii by Laurel Woodley



Echinopsis oxygona by Bill Wilk



Lobivia aracnacantha by Laurel Woodley



Virtual Mini-Show: CACTUS/OPEN

CACTUS CATEGORY: OPEN



Lobivia drexleriana hybrid by Maria Capaldo



Echinopsis sp. by Maria Capaldo



Lobivia arachnacantha var. *densiseta* by Sally Fasteau



Echinopsis sp. by Phyllis DeCrescenzo



Lobivia winteriana by Sally Fasteau



Lobivia winteriana flower by Sally Fasteau



Lobivia haematacantha var. *ablayensis* by Gary Duke



Lobivia longispina by Maria Capaldo



Echinopsis hybrid 1 by Sally Fasteau.



Lobivia haematacantha **var.** *ablayensis* by Gary Duke



Virtual Mini-Show: SUCCULENT/OPEN

SUCCULENT CATEGORY: OPEN



Sansevieria cylindrica var. patula 'Bonsel' by Bill Wilk



Sansevieria cylindrica by Phyllis DeCrescenzo



Dracaena trifasciata 'Hahnii' by Sally Fasteau



Dracaena trifasciata 'Jade Dwarf Marginated' by Maria Capaldo



Dracaena trifasciata by Phyllis DeCrescenzo



Sansevieria 'Ed Eby' by Sally Fasteau



Dracaena trifasciata by Phyllis DeCrescenzo



Sansevieria 'Green' by Phyllis DeCrescenzo



Sansevieria cylindrica by Bill Wilk



Dracaena trifasciata by Sally Fasteau



Sansevieria downsii by Maria Capaldo



Dracaena trifasciata 'Hahnii' (Close-up) by Sally Fasteau



Virtual Mini-Show: SUCCULENT/OPEN

SUCCULENT CATEGORY: OPEN



Sansevieria downsii by Sally Fasteau



Sansevieria hallii by Bill Wilk



Sansevieria masoniana by Maria Capaldo



Sansevieria fischeri (=S. singularis) by Laurel Woodley



Sansevieria parva 'Gilt Edge' by Bill Wilk

Sansevieria hallii by Jim Gardner



Sansevieria fischeri (juvenile) by Maria Capaldo



Sansevieria hallii by Maria Capaldo



Sansevieria fischeri (mature) by Maria Capaldo



Sansevieria 'Starpower' by Phyllis DeCrescenzo



Sansevieria masoniana by Jim Gardner



Zedler, Cory

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SCCSS Mini-Show 2021 Standings

Click here for sortable standings

Novice Class	Cactus	Succulents	Total	Intermediate Class	Cactus	Succulents	Total	Open Class	Cactus	Succulents	Total
Ambrosia, Kitching	0	2	2	Caplan, Anita	3	11	14	Capaldo, Maria	5	9	14
Bantad, Sonia	3	3	6	Johnson, Bernard	5	9	14	DeCrescenzo, Phyllis	6	8	14
Bjarkman, M.A.	2	8	10	LaForest, Dale	0	4	4	Duke, Gary	6	4	10
Davis, Gretchen	3	5	8	Lott, Lemono	0	1	1	Fasteau, Sally	4	6	10
Nisewaner, John	1	1	2	Short, Mike	2	12	14	Gardner, Jim	2	12	14
Richer, Russ	1	0	1					Hanna, Jim	0	2	2
Straub, Terri	7	7	14					Wilk, William	1	6	7
Tanner, Jim	4	10	14					Woodley, Laurel	7	7	14
Tillotson, Joe	1	8	9								
Wong, Clif	3	1	4								
Wong, Sue	0	2	2								



Upcoming Events

Click here for Full List



SOUTH COAST CACTUS & SUCCULENT SOCIETY

No AUGUST meeting Next ZOOM meeting September 12, 2021 Stay tuned for updates



THE 35TH INTER-CITY **CACTUS AND** SUCCULENT SHOW AND SALE

The 35th Inter-City **Cactus and Succulent** Show and Sale SALE: August 6-8, SHOW: August 7-8 L.A. Co. Arboretum 301 N. Baldwin, Arcadia CA

11am to 5pm

1400 plants on display Many vendors selling plants, pots, and supplies.

Due to Covid restrictions, masks may be required

The Show is free with Arboretum Admission. See entry details.

http://intercityshow.com

The arboretum has made a rule that only 150 non arboretum members will be allowed to enter per hour. For this, reservations will need to be purchased in advance and can be made on the arboretum website. These reservation slots are live on the arboretum website 3 weeks in advance.

Once you enter you can stay as long as you would like, you are not limited only to the hour your reserve

The requirement to purchase a reservation in advance applies to EVERYONE, excluding arboretum members and volunteers the day they volunteer and exhibitors for the day they bring their plants. Entry for non-arboretum members starts at 11:00 AM A reservation is NOT REQUIRED for arboretum members.

Additionally, arboretum members are allowed earlier admission starting at 7:30 AM. If you are dying to get to the sale early or want a guaranteed time to attend, you might want to consider purchasing an arboretum membership (Link to sign up). Arboretum membership prices are scheduled to increase July 1st, so buy before then if interested.

For more information and to learn more



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Show and Sale Open



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Plant Man Jim Hanna

