



PRICKLY NEWS

SOUTH COAST CACTUS & SUCCULENT SOCIETY NEWSLETTE | February 2022

Jackson Burkholder **ZOOM PRESENTATION**
FEBRUARY 13, 2022

Sulcorebutia: A Virtual Tour through Bolivia



Hi All!

I hope you are all enjoying the unseasonable warm weather, but wish we had received more rain! I haven't even finished re-potting my winter growers! Covid numbers are stabilizing, but we are continuing to be cautious and have decided to have a Zoom meeting in February. We will

decide from month to month when an in-person meeting will occur. Thank you all for your patience and support as we weather through the pandemic.

SHOW AND SALE: We are hoping to go forward with the 2022 Show and Sale at the Palos Verdes Art Center on April 23-24th. We do need volunteers for that event so please give of your time if you receive a phone call asking for some help. Our Society will have a table selling plants donated by the members, so please save some plants for the sale.

CALL FOR PHOTOS: The Mini Show genera for the February 13th meeting are Cactus: Stenocactus and Echinofossulocactus and Succulent: Euphorbia from Madagascar. E-mail photos of your plants to me at minniecap@icloud.com by February 11th so I may present them at the upcoming Zoom meeting.

DUES: Thank you to those who have sent in your dues! We are collecting dues (\$20 per person) and ask that you please submit the membership form that is on the link on our website: <https://southcoastcss.org/wp-content/uploads/2021/12/membership-Application-2022-ms-20211209.pdf> You may complete the form on your computer which will make it more legible for Sally, our membership chair, to read. Then print and mail it to our Treasurer (address on the form). Dues are not pro-rated and are for each individual.

February 13th Meeting ZOOM: Jackson Burkholder will be presenting "Sulcorebutia: A virtual tour through Bolivia" and I am interested in learning more about this genus of plants and their habitat.

See you there! *Maria*

SHARE YOUR GARDEN OR YOUR FAVORITE PLANT





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

CSSA publishes a free quarterly e-newsletter. To receive your complimentary copy, click the link below



<https://mailchi.mp/eef901b778cf/z8k1tpng1v>

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IN THIS ISSUE

SHOW & SALE VOLUNTEER JOBS	2
PRESENTER OF THE MONTH	3
WHAT'S IN YOUR GARDEN?	4
MONTHLY CACTUS	8
MONTHLY SUCCULENT	10
LATIN LOOKUP	12
MINI SHOW JANUARY PLANTS	13
MINI SHOW PLANT CALENDAR	22
MINI SHOW FINAL STANDINGS	23
SCCSS MEMBERSHIP FORM	24
EVENTS	25
BOARD OF DIRECTORS	25



Dear Society Members: This is a general list of job descriptions for the upcoming Show & Sale, April 23-24. Please read this over to find a job you would like to do. We would like to spend some time at the upcoming meetings getting volunteers assigned to the various jobs. For information or to sign up for a time slot contact: Terri Straub, terriStraub@me.com or text/call: 424-445-9222.

FRIDAY SETUP

Arrive Friday, April 22nd at 1:00 PM to help arrange the tables, put up signs.
General helping of show organizing.

SOCIETY SALE TABLE: These are plants society members have donated. The table needs to be set up with tablecloths and plant tags by Friday afternoon. (All are provided by the society.) Members can bring in their plants starting Friday afternoon. Saturday morning help arrange the plants on the table and make sure they are pest free. On Saturday and Sunday, keep an eye on the plants, answer general questions about the plants and keep table looking nice

CASHIERS

Check out buyers by ringing up the cost on the tags, adding up the total with tax and collecting cash and checks. Experience with a cash register advised. Credit card person will run the cards and give receipts.

TAG PULLERS

We need many people to help pull tags in different shifts. Tags are in the plants the buyers are purchasing. Pullers need to pull the tags, count them and make sure that number matches the number of plants to be purchased.

HOSPITALITY/MEMBERSHIP/ T-SHIRTS

Volunteers will help with new memberships or sell T-shirts Answer general questions and direct guests to features of the event.

PRESALE PLANT HOLDING AREA

These volunteers will help watch that buyers only take their plants and not pick and choose from other people's plants in the holding area. Can be a sitting job.

OUTDOOR HOLDING PLANTS

Hold plants for those who need to drive their car up to parking lot to load plants in their car. Sign up for shifts.

CLEAN UP

At 4 PM Sunday we close the show/sale. We need volunteers to help take down signs, clean off tables, sweep and general clean up. Pack up rented tables.

Sulcorebutia: A Virtual Tour through Bolivia.

BY JACKSON BURKHOLDER



Jackson Burkholder has been growing cacti and succulents for over twenty years. He grew up attending Colorado Cactus and Succulent Society events, and what started as one or two small plants every year has turned into an obsession with desert flora. Since middle school Jackson has been active in the Colorado Cactus and Succulent Society serving as Show and Sale Chair, Vice President, Show Chair, and has been a Show Judge for the past 6 years. Jackson is also an active member of Cactus and Succulent Society of America and has been on its board of directors since 2020.

Jackson recently graduated from Colorado State University with a degree in Horticulture and minors in Botany and Japanese. He is currently starting on Precision Cactus Growers, a nursery that will specialize in producing cactus seeds and plants with collection and location data. His plants are distributed between a small greenhouse and multiple cold frames where his current focus is on South American cacti that thrive in the high elevations and cool nights of Colorado as well as wintery hardy plants.



In addition to growing plants Jackson is also interested in restoring and using antique scientific equipment and experimenting with traditional scientific techniques. He combines both of his passions by studying plant anatomy and histology - making and examining microscope slides of different plant tissues and organs. He is currently working on finishing the research for his master's thesis in this subject on the anatomy of cactus extrafloral nectaries. He has many additional research projects coming up and is also working on a book about cactus biology and cultivation directed towards a hobbyist audience.

In his presentation titled “**Sulcorebutia: a Virtual Tour though Bolivia**”, Jackson will start by introducing some of the taxonomy and biology of the genus Sulcorebutia, a group of plants that has more recently been included in Rebutia and Weingartia. Next he will talk about some of the special care that these plants require in order to do well and put on large flowering displays. Finally his talk will conclude with a “virtual tour of Bolivia”: a slide show of plants from Jackson’s collection grouped by locality to reflect which species can be seen in vicinity of one another in nature.

What's in your garden?

by Gary Duke



**SHARE YOUR
GARDEN OR
YOUR FAVORITE
PLANT**



E-mail me with photos of your garden and/or plants that we can publish as a way of staying connected.

Thank you for sharing!

What's in your garden?

minniecap@icloud.com share by February 11, 2022

What's in your garden?

by Debra Galliani



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Thank you for sharing!

What's in your garden?

minniecap@icloud.com share by February 11, 2022

What's in your garden?

Jade Neely's Aeonium 'Mardi Gras'



Dudleya cymosa ssp *crebrifolia* grown from seed
by Bernard Johnson



Aeonium schwarzkopf by Anita Caplan

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minniecap@icloud.com share by February 11, 2022

What's in your garden?

by Mike Short



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minniecap@icloud.com share by February 11, 2022



Monthly Cactus: Stenocactus

[Ed: All species in the genus *Echinofossulocactus* have been moved to other genera; most have been moved to *Stenocactus*. Plants that were bought labeled as *Echinofossulocactus* can be entered into the Mini-Show using that name, however it would be preferable to use the new name. The website *Llifle* can be used to find the new name [click here](#).]

Stenocactus is a genus of northern and central Mexican cacti of around 10 species related to *Ferocactus*. It now includes *Hertrichocereus* and *Echinofossulocactus*. They are mostly small globular cactus, of very variable characteristics, generally below 4 inches in diameter (10 cm), often solitary, but sometimes clustering as they age. The name *echinofossulocactus* comes from the Latin for 'Echinocactus with a little ditch', referring to the small wrinkle extending from the top of the areola in some species. They contain the wave cacti, also called brain cacti, that are so named because of their large number of undulating ribs.

The short funnel-shaped flowers are generally striped with a darker median line and, just above 1 inch across (2.5 cm). These flowers come in late summer and last 3-4 days. *Stenocactus* are not always self-fertile, so you might need to have several non related plants flowering at the same time, in order to get seeds. The seeds come in green pods.

They are propagated by seeds that germinate easily.



.....
By Tom Glavich

Cactus: Stenocactus



Stenocactus coptonogonus



Stenocactus coptonogonus in flower



Stenocactus crispatus



Stenocactus multicosatus in flower



Stenocactus multicosatus



Stenocactus obvallatus



FEBRUARY

Monthly Cactus: Stenocactus

Echinofossulocactus is now included in the genus *Echinocactus* and *Stenocactus*.

Echinofossulocactus is a Central to Northern Mexican genus. Plants from the genus *Echinofossulocactus* are easily recognized by their thin wavy ribs. For several years the entire genus was known by the alternative name *Stenocactus*, and species can still be found with this name. The genus is closely related to *Ferocactus*, differing by the lack of nectar glands the lack of a ring of hairs above the stamens, and size.

Echinofossulocacti grow in grass lands, and need some protection from full sun. Individual plants can vary considerably within a species and this makes identification in this genus notoriously difficult. For the most part, they tend to look alike, and there are far more names than there are species. However, a few species do stand out.

Due to a long and convoluted nomenclatural history, the genus is often still grown and traded among collectors under the genus name *Echinofossulocactus*.



By Tom Glavich

Cactus: *Stenocactus*



Stenocactus ochoterenanus



Stenocactus pentacanthus



Stenocactus phyllacanthus



Stenocactus tricuspidatus



Stenocactus vaupelianus



Stenocactus sulphureus



Stenocactus vaupelianus



FEBRUARY

Monthly Succulent: Euphorbia from Madagascar

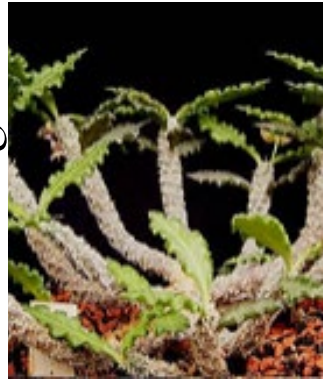
This month's 'Plant of The Month' Succulent is **Euphorbia** from Madagascar. These are plants that are endemic only to the island of Madagascar.

Some of the most interesting euphorbias come from Madagascar.

Although many euphorbias are very easy to grow, some are very difficult, turning immediately to mush when over watered, or watered out of season. Care must be given in watering, keeping them warm and wet while growing, and cooler and dry when dormant. They do best in an open potting mix, with equal parts of pumice, sand and an organic component, or commercial potting soil. Protection in a greenhouse or even a garage for a month or two in the middle of the winter will greatly increase the survival rate.

Most euphorbias are easy to propagate. The green stems can be removed, left to dry for at least week or even a bit more, and then replanted. The newly planted stems take a few weeks to establish, and then start growing.

Succulent: Euphorbia from Madagascar



Euphorbia ambovombensis



Euphorbia cap-saintemariensis



Euphorbia cylindrifolia



Euphorbia francoisii



Euphorbia hedyotoide



Euphorbia iharanae



Euphorbia iharanae



Euphorbia leuconeura



By Tom Glavich



FEBRUARY

Monthly Succulent: Euphorbia from Madagascar



Euphorbia milii

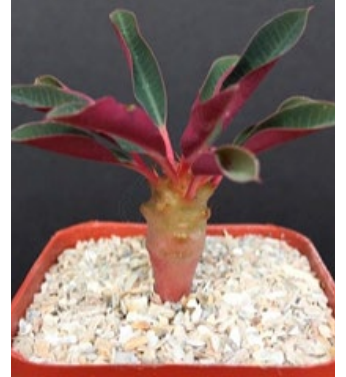


By Tom Glavich

Succulent: Euphorbia from Madagascar



Euphorbia pedilanthoides



Euphorbia pachypodioides



Euphorbia primulifolia

Latin Lookup

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

crispatus [kriss-pah-tuss] Having a wavy edge.

multicostatus [mul-tee-koh-STAY-tus]

Many ribs.

obvallatus [ob-val-LAY-tus] Surrounded;
guarded or enclosed.

Stenocactus [sten-oh-KAK-tus] Thin cactus.

sulphureus [sul-FER-ee-us] Sulphur yellow.

tricuspidatus [try-kusp-ee-DAY-tus, try-kusp-ih-DAH-tus] Three-pointed.

vaupelianus [voh-pel-ee-AH-nus] Named for Friedrich Carl (or Karl) Johann Vaupel, early 20th century German scientist and plant collector.

ambovombensis [am-boh-vom-BEN-sis]

Of or from Ambovombe (Madagascar).

cylindrifolia [sil-lin-drih-FOH-lee-uh] Having leaves that are cylindrical or slightly tapering.

Euphorbia [yoo-FOR-bee-uh] Named for Euphorbus, Greek physician to Juba II, King of Mauretania.

francoisii [fran-KOY-see-eye] For E. Francois, who owned the farm near Fort Dauphin, Madagascar where the Euphorbia taxon was first discovered.

leuconcura [loo-koh-NOOR-uh, loo-koh-NYUR-uh] White veined (or nerved).

milii [MIL-ee-eye]

Named for M. le baron Milius, Governor of Isle Bourbon, present-day Isle de la Reunion (Reunion Island).

primulifolia [prim-yoo-lih-FOH-lee-uh]
Having flowers like a Primula (primrose).

JANUARY

Virtual Mini-Show: **CACTUS / NOVICE**

CACTUS CATEGORY: NOVICE



Mammillaria spinosissima
by Terri Straub



Virtual Mini-Show: **SUCCULENT / NOVICE**

CACTUS CATEGORY: NOVICE



Lithops collection
by Terri Straub



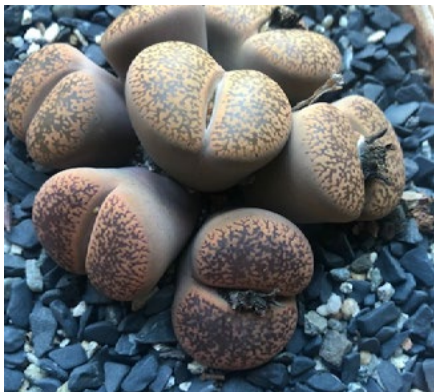
Lithops
by M.A.Bjarkman



Lithops
by M.A.Bjarkman



Lithops
by M.A.Bjarkman



Lithops
by M.A.Bjarkman



Lithops
by M.A.Bjarkman



Conophytum
by M.A.Bjarkman

JANUARY

Virtual Mini-Show: **CACTUS / INTERMEDIATE**

CACTUS CATEGORY: INTERMEDIATE



Mammillaria chronocephala
by Bernard Johnson



Mammillaria spinosissima
by Bernard Johnson



Mammillaria hahniana
by Mike Short



Mammillaria geminispina
by Anita Caplan



Mammillaria huitzilopochtli
by Bernard Johnson

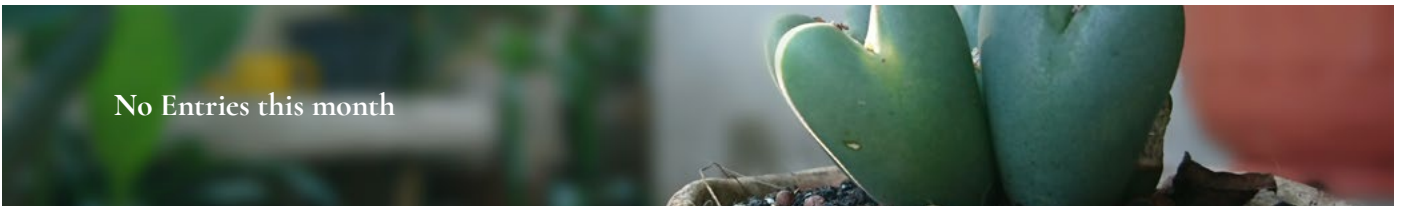


Mammillaria candida
by Bernard Johnson

JANUARY

Virtual Mini-Show: **SUCCULENT / INTERMEDIATE**

SUCCULENT CATEGORY: INTERMEDIATE



No Entries this month



Virtual Mini-Show: **CACTUS / OPEN**

CACTUS CATEGORY: OPEN



Mammillaria theresae
by Laurel Woodley



Mammillaria spinosissima
by Phyllis DeCrescenzo



Mammillaria spinosissima
var. *pilcayensis* by Maria Capaldo



Mammillaria spinosissima
by Maria Capaldo



Mammillaria rekoi
by Phyllis DeCrescenzo



Mammillaria senilis
by Maria Capaldo



Virtual Mini-Show: **CACTUS / OPEN**

CACTUS CATEGORY: OPEN



Mammillaria ritteriana
by Laurel Woodley



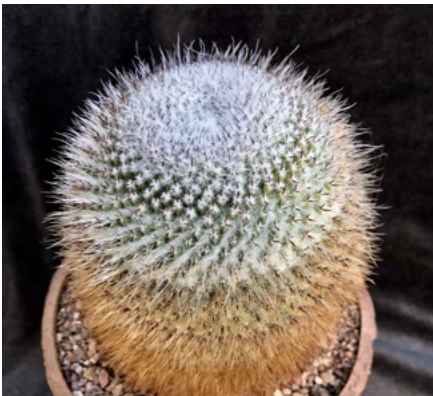
Mammillaria pringlei
by Laurel Woodley



Mammillaria melanocentra
by Laurel Woodley



Mammillaria lauii subducta
by Laurel Woodley



Mammillaria hahniana
by Maria Capaldo



Mammillaria huitzilopochtli
by Laurel Woodley



JANUARY

Virtual Mini-Show: **SUCCULENT / OPEN**

SUCCULENT CATEGORY: OPEN



Conophytum 'Shokkoden'
by Laurel Woodley



Conophytum auriflorum
ssp. *turbiniforme* by Laurel Woodley



Conophytum bilobum
by Laurel Woodley



Conophytum ectypum
by Laurel Woodley



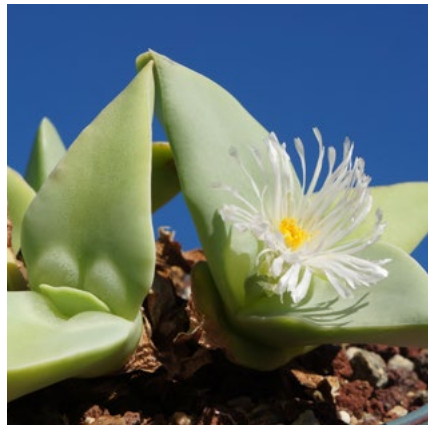
Conophytum elisae
by Laurel Woodley



Conophytum friedrichiae
by Laurel Woodley



Conophytum hermarium
by Laurel Woodley



Conophytum herreanthus
by Laurel Woodley



Conophytum jucundum
by Laurel Woodley



JANUARY

Virtual Mini-Show: **SUCCULENT / OPEN**

SUCCULENT CATEGORY: OPEN



Conophytum limpidum
by Laurel Woodley



Conophytum longum
by Laurel Woodley



Conophytum lydiae
by Laurel Woodley



Conophytum marginatum
ssp. *haramopense* by Laurel Woodley



Conophytum maughanii
ssp. *armeniacum* by Laurel Woodley



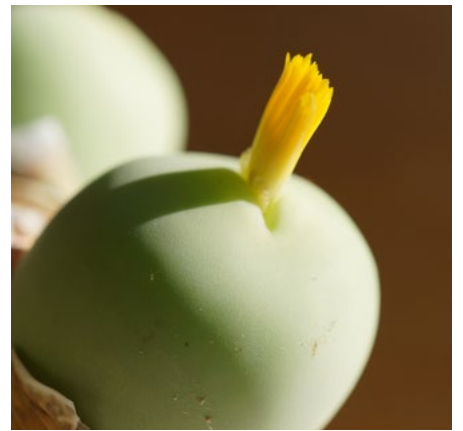
Conophytum meyeri
by Laurel Woodley



Conophytum minutum
by Laurel Woodley



Conophytum obcordellum
by Laurel Woodley



Conophytum pegeae (=subrisum)
by Laurel Woodley



Virtual Mini-Show: **SUCCULENT / OPEN**

SUCCULENT CATEGORY: OPEN



Conophytum pellucidum
by Laurel Woodley



Conophytum praesectum
by Laurel Woodley



Conophytum regale
by Laurel Woodley



Conophytum taylorianum
ssp. *ernianum* by Laurel Woodley



Conophytum truncatum ssp. *truncatum*
var. *truncatum* by Laurel Woodley



Conophytum uvaeforme
by Laurel Woodley



Conophytum wettsteinii
by Laurel Woodley



Conophytum x bilobum (orange)
by Laurel Woodley



Conophytum species
by Maria Capaldo



JANUARY

Virtual Mini-Show: **SUCCULENT / OPEN**

SUCCULENT CATEGORY: OPEN



Lithops aucampiae
by Maria Capaldo



Lithops fulviceps aurea
by Maria Capaldo



Lithops hookeri var. aurea
by Maria Capaldo



Lithops hookeri var. aurea
with Bear by Maria Capaldo



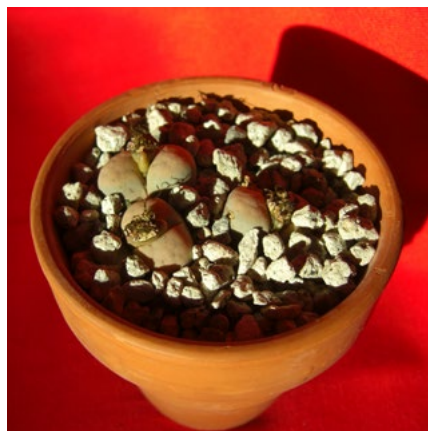
Lithops karasmontana
by Laurel Woodley



Lithops karasmontana
by Phyllis DeCrescenzo



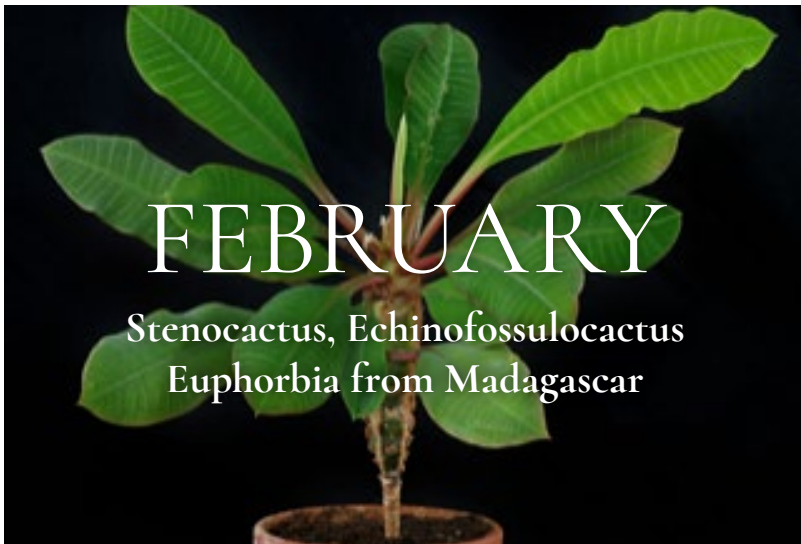
Lithops karasmontana
by Phyllis DeCrescenzo



Lithops karasmontana
by Phyllis DeCrescenzo



Mini - Show Plant Calendar



Mini-Show Plants for 2022

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
August 2022	Epithelantha, Frailea, Aztekium	Dyckia, Hechtia, Puya
September 2022	Variegated Cactus	Variegated Succulent
October 2022	Turbinicarpus	Adromischus
November 2022	South American columnar cactus (Espostoa, Oreocereus, Cleistocactus, etc.)	Pelargonium, Sarcocaulon, Tylecodon
December 2022	Holiday Potluck	Holiday Potluck
January 2023	Mammillaria straight spine (clumping)	Aloe



JANUARY

SCSS Mini-Show 2022 Standings

[Click here for sortable standings](#)

Novice Class	Cactus	Succulents	Total	Intermediate Class	Cactus	Succulents	Total	Open Class	Cactus	Succulents	Total
Bjarkman, M.A.	0	2	2	Caplan, Anita	1	1	2	Capaldo, Maria	1	1	2
Galliani, Debra	0	2	2	Johnson, Bernard	2	0	2	DeCrescenzo, Phyllis	1	1	2
Neely, Jade	0	1	1	Short, Mike	1	1	2	Duke, Gary	0	2	2
Straub, Terri	1	1	2					Woodley, Laurel	1	1	2

Mini-show Virtual Points

One (1) Mini show point each for a submitted photo of your cactus and succulent (up to 2 points)

Up to two (2) points for those submitting garden photos if you had **not** submitted Mini-show photos.





South Coast Cactus and Succulent Society Membership Application

New and Renewing Members: You can either fill in the information on a computer then print, or print first then write in the information. Please sign after printing.

Make check payable to: **SCCSS**
Mail form and payment to: **Bernard Johnson,**
629 18th Street, Manhattan Beach, CA 90266

Date mm/dd/yy:

Name:

Address:

City: State: Zip:

Email Address: Phone:

Our membership year begins January 1 and ends December 31.

- \$20.00 Membership: Renewal or New Member
- Lifetime Member Honoree: No Charge
- I am a Member of CSSA – Cactus and Succulent Society of America

The above information will be included in our Membership Directory (for use by members only). If you wish to exclude any of the above information from the Directory, please indicate your exclusions here.

Do not publish my: Email Phone Address

SCCSS is a 501 3C organization. In addition to your dues you may make an optional charitable donation to support our philanthropic endeavors as well as the operating expenses of the organization. If you choose to do so, please indicate the amount _____. You will receive a donation receipt. Thank you.

I agree to have my information published in the Membership Directory with noted exceptions.

Signature Date: _____

Sally Fasteau, Membership Chair
sallyfasteau@cox.net
310-544-1313

ms-20211209

Date _____ Check # _____ Cash _____ Amount _____ Donation _____ Receipt _____

Upcoming Events

[Click here for Full List](#)



SOUTH COAST
CACTUS & SUCCULENT
SOCIETY

February ZOOM meeting:

Jackson Burkholder
Sulcorebutia: A Virtual Tour
through Bolivia

February 13, 2022

Meeting: 1:00 pm.

Presentation: 1:30 pm.

Join Zoom Meeting:

<https://uso2web.zoom.us/j/85960649380?pwd=V1hFOHYxaFo1UUIlcxbHNBQkVPUTo9>



[For more information and to learn more](#)

2022 Board of Directors

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M.A. Bjarkman

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Bernard Johnson

Secretary

Debra Bushwait Galliani

AT LARGE BOARD
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Gary Duke
Terri Straub
Clifton Wong



STANDING

COMMITTEES:

Show and Sale

TBD

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M.A. Bjarkman

Finance Chair

Jim Hanna

Mini-Show Coordinator

Jim Tanner



Communications Chair

Mike Short

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Mike Short

Newsletter

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Ann Nye

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Laurel Woodley

Instagram

Caitlin Rubia



Membership Chair

Sally Fasteau

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CSSA

M.A. Bjarkman

