

C A C T U S CHRONICLE

A U G U S T 2 0 2 3

VOL. 91 ISSUE 08

MONTHLY PROGRAM

KEVIN KREUCHER

Euphorbiaceae in
Cultivation!



ARID PLANTS A-Z

ELI COHEN

Remember to bring in
your problem plants, plant ID
+ special interest plants

**REFRESHMENTS
THIS MONTH:
LAST NAMES
BEGINNING
WITH 'M'**



MONTHLY MEETINGS ARE HELD EVERY FIRST THURSDAY OF THE MONTH

MEETING START TIME: 7PM, DOORS OPEN AT 6:15PM

ONE GENERATION: 18255 VICTORY BLVD. RESEDA CA.

Refreshments!

A warm "HELLO" to LACSS members! We have seen an increase in attendance at our monthly meetings after bringing back refreshments. Since most of our members (excluding retirees) come straight from work, it is nice to have a snack while enjoying the LACSS meeting.

It is a collective effort and responsibility each month to supply our members with sustenance, **THIS BRINGS US TO THE MONTH OF MAY AND THE ALPHABET ASSIGNMENT IS FOR THE MONTH IS LAST NAMES BEGINNING WITH LETTER "M"**

If your last name begins with that letter, please bring something to share, enough for approximately 10 people. If you'd like to bring more that is okay too.

To facilitate set-up and clean-up, we ask that your contribution be in individual portions and/or a disposable container. At the end of the meeting, all leftovers, including containers, will be discarded. If you are available to help set up or tear down the refreshment center, please see me at the meeting at the Refreshment Table.

If you are unable to contribute, the club will also have a jar/bowl at the refreshment table if you would like to donate money so that the club can continue to supplement refreshments brought by the attendees.

Aug - Members whose last name begins with "M"

Sept - Members whose last name begins with "S, T"

Oct - Members whose last name begins with "N, W, Z"

Nov - Members whose last name begins with "B, V"

Jan - Members whose last name begins with "O, R"

A man with a grey beard, wearing a red t-shirt, a green visor, and sunglasses, stands in a field of tall, columnar cacti. The cacti have a segmented, ribbed appearance. The background shows more cacti and a clear blue sky.

**THIS MONTH'S
PROGRAM**

KEVIN KREUCHER:
EUPHORBIACEAE
IN CULTIVATION

Kevin Kreucher, better known as Crazy4Cactus on Instagram has been enjoying the hobby for more than 5 years. He has a saying when it comes to plants "Anything worth doing is worth overdoing! Based in Orange County, he is not only a passionate collector but an avid photographer of all things Xeric. Join him on a talk entitled "Euphorbiaceae in cultivation!"

FROM THE

M E S S A G E

Kathleen Misko!
PRESIDENT

Wherever I am is my favorite place to be...

Thursday (June 1st) was no exception. I'm so proud to be a member of this society. Jim Esterle gave us some highlights of the field trip to Lotusland. He was impressed with the Cycads. As I remember, there is a species there that doesn't exist anywhere else. (I signed up with Mary K, and John Martinez in the Bromeliad society, years ago.) My favorite was the Abalone shell pond. Love me the shiny things. It's a lovely place to visit. They stopped in to Aloes in Wonderland. Field trips rock.

Eli the Great schooled us on arid plants in this heat. Move small plants away from the hot sun. Be mindful of watering. Plants will be thirsty. So.....more water, more shade. Artie announced that LACSS will host the 2025 Convention. Its to be at the Holiday Inn across from Burbank Airport. The theme is Old Hollywood. (Hey, I'm Old Hollywood) Probably not what they meant.

Desiree went over the final details of the Susan Phillips 'Dig Your Own Plant Sale' I was lucky enough to stop in and see the beautiful plants. I love that she offered to share the plants that she and her husband cared for. It's a legacy. Like that Jade plant your gramma gave you, but in Susan's case, she shared a lifetime of collecting and growing. Love to you, Susan, in Act III.

Just sign up with Sandy Chase for anything. She'll never steer you wrong.

Roxie,Roxie,Roxie. What a great presentation you gifted the club with. Roxie and Jim and Nils went to South Africa with legendary seed grower Steven Brack It was a bit of a mind blower to realize that all the plants we saw were actually seen and photographed by Roxie and Jim. She shared with us that she had to edit from a 1,000 shots. I enjoyed the presentation. Sorry, if you missed it. But we need to address Roxie and a microphone. Maybe a night out at Karaoke?

Thank You, Al Mindel, for your wonderful raffle.
As always, This was fun,

Your pal,
Kathleen Misko

Lights, Camera,
CACTUS!

CONVENTION

Hosted by the

LACSS in
BURBANK, CA

SAVE THE DATE
FOR THE 2025
CSSA CONVENTION

Let us entertain you!

GREAT
VENUE!

RENOWNED
SPEAKERS

AMAZING
CITY!

FOREVER
FRIENDS!

FUN FIELD
TRIPS!

INCREDIBLE
PLANTS

ACTIVITIES
GALORE

MAY 2025
BURBANK, CALIFORNIA
LOS ANGELES CACTUS AND SUCCULENT SOCIETY

B O A R D OF DIRECTORS

2 0 2 3

LACSS MISSION STATEMENT

The Los Angeles Cactus and Succulent Society (LACSS) cultivates the study & enjoyment of cacti & succulent plants through educational programs & activities that promote the hobby within a community of fellow enthusiasts & among the greater public.

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Artie Chavez + Joyce Schumann

PAST PRESIDENT

Kim Thorpe Chavez

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2ND VP, PLANT OF THE MONTH

Manny Rivera

3RD VP, EDUCATION

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CACTUS CHRONICLE EDITOR

Kimberly Gomez-Tong
newsletter@lacactus.com

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Roxie Esterle

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Kimberly Gomez-Tong

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with Artie Chavez + Kimberly Gomez-Tong

MONTHLY DRAWING

Al Mindel

PLANT PROCUREMENT

Collin O'Callaghan

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AWARDS DINNER CHAIR

Vacant

LIBRARIAN

Joyce Schumann

POM PLANT DESCRIPTIONS

Kyle Williams

SOCIAL MEDIA COMMITTEE

Kim Thorpe Chavez
Kate Eplboim
Kimberly Gomez-Tong



LIGHTS, CAMERA, CACTUS! CSSA Convention 2025 Teaser Artwork by: Kimberly Gomez-Tong

Cactus and Succulent Society of America Convention Report

Succulents with Altitude

written by Eli Cohen

This year was the CSSA's 39th Biennial Convention, located between the beautiful peaks of Colorado Springs. This Angeleno had the chance to experience succulent life at new heights, at an altitude of about 6,000 feet above sea level. While the weather was familiar, the setting was not. The lovely mountain vistas don't immediately strike one as the typical habitat for the cacti and succulents people had traveled for. A lesson a xerophile will learn time and again is that many of the treasures of our hobby adapt to many extremes. Witnessing cacti thriving in areas that were recently blanketed by snow is a wonderful example. The convention was centered around this idea in many ways. This event was not only a highly educational experience, but a general delight to partake in.

After landing Wednesday and sleeping through the evening, I was prepared early Thursday morning for the day's field trip. A chartered bus went straight from the conference's home at the Marriott to a private property in Pueblo. It was rather difficult to capture the variation in the geology around us, but the panorama pictured below hopefully shows off some of the gorgeous red granite and gray sandstone cleaved by this now dwindling river, which flowed mightily not long ago off the snow melt provided by this harsh but impressive mountain range.



While much more relaxed field trips were available, I was excited to scramble amongst the geologic cubism and search for the precious cacti the trip had promised. It took very little time to find large stands of *Cylindropuntia imbricata*, some even holding on to the last blooms allotted by the winter moisture. Chubby clusters of *Echinocereus triglochidiatus* would sprout out just about anywhere one could imagine moisture forming. In some of the more lichen-covered rocks, *Echinocereus viridiflorus* emerged with a shocking variety of shapes and sizes. Some of the most precious of all were the *Escobaria missouriensis* delicately hidden in just a few select spots of pine litter.



E. viridiflorus



Our Wonderful Speakers



E. missouriensis

Following the field trips and a welcome reception, the bulk of the convention was a wonderful occasion for learning, mingling, and appreciating cacti and succulents. Lecture topics offered a wide variety including an adventure to the heart of Patagonia in search of undescribed *Austrocactus*, the mad science of new succulent propagation techniques, and the importance of conservation in a world losing its natural splendor all the time. Certainly much to take in, but with such a great array of speakers, listening and participating was always a blast. It was a wonderful convention. I must extend a huge thank you to the speakers for showing a great time, the CSSA for organizing it, and our beautiful Los Angeles chapter for sponsoring me to go. It was a pleasure to represent us.

PLANT OF THE MONTH

JANUARY

Matucana, Submatucana, Oroya
Aeonium

FEBRUARY

Coryphantha, Neolloydia, Neobesseya
Sarcocaulon

MARCH

Echinocactus
Anacampseros, Avonia, Grahamia

APRIL

Aztekium, Epithelantha
Aloinopsis, Antimima, Aptenia, Argyroderma

MAY

Cacti staged as miniature
Succulent staged as miniature
(Diameter of pot
NO LARGER THAN 3")

JUNE

Favorites

JULY

Melocactus
Euphorbia Medusoid

AUGUST

Mammillaria (Dichotomous & 2 Heads)
Gasteria, Astroloba

SEPTEMBER

Cacti from Coahuila
Nolina, Calibanus, Beaucarnea

OCTOBER

Espostoa
Fouquieria

NOVEMBER

Crest and Monstrose

DECEMBER

Holiday Awards Party

DICHOTOMOUS MAMMILLARIA

B Y K Y L E W I L L I A M S



Mammillaria parkinsonii

Mammillaria is quite possibly the most popular genus of cacti, and is usually one of the first succulents a person buys. There are several reasons for this. With nearly 200 species, Mammillaria is one of the larger genera in the Cactaceae, which means there is a large amount of variety to choose from. Some species are fingernail size, others solitary globular plants, some are straight spined, some form clumps, while others are heavily spined with hooks. The more common species are ubiquitous at any nursery, big box store, or even supermarket that sells plants. Most are small, easy to grow, and have a “cute” factor that make even non-gardeners want to buy one for their patio or windowsill. The most commonly grown species are also quite tolerant of abuse and neglect.

This month we are focusing on a physical trait seen in some Mammillaria called “dichotomous branching”. Normally a stem has a main growing point and branches will form along the side of the stem and grow from there. For some reason certain species of Mammillaria will instead split into two equally sized dominant branches in something of a “Y” shape. That is what dichotomous means in this context. While it doesn’t have any clear advantage in Mammillaria it is interesting as a sort of an evolutionary throwback to how the earliest land plants grew. Today it is most commonly seen in the more “primitive” non-flowering plants, especially non-seed producing ones like mosses & fern relatives such as Lycopodium. That said, our interest in it as Plant of the Month is to show off the unusual growth form and appreciate its beauty as a cactus. The beginning of a dichotomous split often makes the plant look like it has a pair of eyes since the growing point divides before the branches themselves separate. Over time the separate branching becomes clear.

One of the most distinctive features of Mammillaria are flowers born in the axils of the tubercles that as a group form a ring around the stem. They are usually small, but many can be open at once providing a nice display. Flowers range in color from white and yellow to pink and red. Other species have orange, salmon, or even bicolor flowers.

Mammillaria species range from Columbia all the way to Canada. Approximately ten species are found in the south western portion of the United States, including California. However, the true heart of Mammillaria diversity is Mexico. Most species occur there and you can see the full range of variation the genus has to offer. While some species are extremely hardy (particularly the North American species), others are more frost sensitive. Almost all Mammillaria will do just fine in Southern California, with little or no winter protection, as long as they are potted in a freely draining potting mix. If you live in areas that get hard frost in the winter (e.g. the Antelope Valley) be sure to check the frost tolerance of your species.

The secrets to good growth are a continual supply of water and fertilizer during the growing season (typically from March through October), strong light, intense heat if available, and maintenance of a clean and insect free growing environment. Many people starve and under water their plants, in attempt to avoid rot. Most Mammillaria will take quite a bit of water and fertilizer when in growth. During the summer heat growth slows for a time, picking up again when the weather cools, before stopping around Thanksgiving.

Propagation of Mammillaria is easy. Cuttings can be taken at any time during the growing season (April to early November), left to dry for a few days and replanted in a clean potting mix (pure pumice is even better). Rooting is rapid, with short white roots generally appearing after a couple of weeks. Mammillaria are one of the easiest species to grow from seed. The seeds are simply placed on top of a damp potting mix, covered with a light coating of gravel, placed in a plastic bag in bright light, but out of direct sun and allowed to germinate. Germination usually occurs in a week or 10 days. The seedlings can stay in the plastic bag for several weeks until they get large enough to survive unprotected, and should then be removed to a still shaded, but brighter and drier environment. Show quality plants can often be grown in just 4 or 5 years, and entries can be ready for seedling classes in as little as 6 months. Best results are obtained when the seeds are started in late March to late May.



Mammillaria karwinskiana just starting to branch



Mature Mammillaria karwinskiana

GASTERIA + ASTROLOBA

B Y K Y L E W I L L I A M S

Gasteria is a popular and easily grown genus that has been collected since the 17th century. Some species look very similar to Aloe while others resemble Haworthia. This is not surprising as these 3 genera are closely related. So close in fact that recent studies are causing some confusion about where one genus ends and the other begins. Gasteria can be differentiated morphologically from Aloe and Haworthia by the flowers. Gasteria flowers have a distinctive narrow upper portion that expands out to a fat base that resembles a stomach. Sure enough, Gasteria is derived from "gaster" which means "stomach" in Latin. Interestingly the common name for the species is Ox Tongue, another "digestive" reference!

Gasteria come in a much greater diversity of sizes than Haworthia, though they are smaller on average than most Aloe. Gasteria ranges in size from about an inch to several feet in diameter. Almost all plants start out with the leaves in two rows (distichous), although most eventually begin to spiral. Gasteria are quite variable in appearance. Collectors need to be cautioned that they have definite juvenile and adult forms, have local variations in appearance, and have form and growth habits that are dependent on the soil type and amount of sunlight. Not realizing this runs you the risk of buying the same species twice!

This genus contains approximately 20-25 species, nearly all native to South Africa (one species ranges into Namibia). Typical natural habitats are humus rich, sandy soils. They grow on dry rocky hillsides and generally grow under larger shrubs when young. They also can be found in rock fissures or in the shade of large rocks. The roots are shallow and thick which helps the plants obtain moisture from barely wet soils, and nourishment from decaying leaves and debris from larger shrubs.

Gasteria cultivation is easy and is nearly identical to Haworthia and Aloe. They are mostly winter and spring growers, but exhibit some growth all year except for the hottest part of the summer. They do well in a range of soil mixes and are more tolerant of organic matter than some succulents. They prefer partial shade, particularly in the afternoon. However, the best color is obtained by giving them as much light and sun, short of sunburn, as possible.

Gasteria are generally free from most pests. The one difficulty is 'black spot', a fungus that attacks many Gasteria. It is rarely fatal, but causes large unsightly black spots on the leaves. Since the spots are actual damage to the leaves, there is no way to remove the spots. The fungus can be minimized by keeping leaves dry, and keeping dew off the leaves. Fungicides can be used to prevent this disease, but probably aren't worth the hassle unless you have show quality plants you are concerned about.

Gasteria are readily propagated from offsets, which can be simply pulled off and planted. Leaf cuttings will also root easily. Gasteria flowers are often visited by hummingbirds that often result in pollination. Seed can be collected as soon as the fruits start to dry. Cross pollination can produce interesting plants and many hybrids are available, as are several variegated cultivars. Intergeneric hybrids with Aloe (called X Gasteraloe) and Haworthia (X Gasterhaworthia)

Astroloba is a lesser known genus related to Gasteria, Aloe, and Haworthia. In fact it is very easy to mistake for a Haworthia and it is entirely possible you have one without realizing it because you think it actually is a Haworthia. The most clearcut way to tell the difference is to look at the flowers. Haworthia flowers are small, white, and forked at the tip into an upper and lower flared lip. Astroloba by contrast have flowers with a narrow opening. That said, only some Astroloba are white like Haworthia. Some are orange and look much more like Gasteria or Aloe flowers. The genus has around twelve species, all from the southern Cape Province of South Africa. Care is very similar to that of Gasteria or Haworthia as, like them, it appreciates more shade than the typical succulent.



Gasteria 'Sakura Fuji'



Stomach shaped flowers



Gasteria bicolor



Astroloba herrei



LACSS CLUB FIELD TRIP

THE MAGIC OF LOTUSLAND

report by Manju Talreja



When I am told that I spend too much time in the garden, I simply say 'I exist in my home, but I come alive in my garden'. When the observer becomes the observed, and becomes still with the rustling of the leaves and the colors of the butterfly, when the ear fine tunes itself to the different tweets and chirps and the sounds of the waterfalls, when the eyes are beholden to the beauty and colors of every plant and flower, when you stop to take in the fragrance and gasp in wonderment at the scent of that special rose....this is meditation at its best and Lotusland manifested it beautifully.



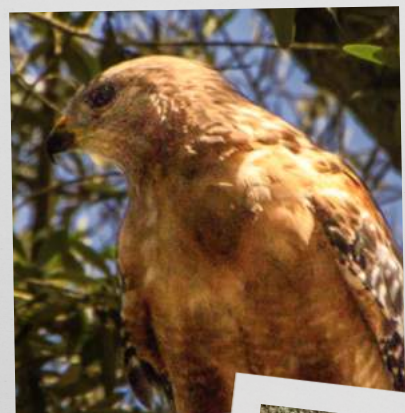
When I joined the LACSS, I had not the remotest clue that my passion for gardening would take me to a higher level. From cultivating a new hobby to meeting fascinating people...little did I know that our membership would include magical trips. Lotusland was one such experience. First off, the Lotus flower holds symbolic importance in many cultures and is also India's national flower. So of course, the Indian in me swelled with pride, and I jumped and grabbed the opportunity.

Lotusland cannot be described in words; it has to be experienced. The visit left me with a lifetime memory of stunning gardens, amid botanical diversity. The 37 acre garden is ranked among the world's 10 best gardens. It once belonged to the Polish opera singer Ganna Walska. As one enters the gardens, the chaos that ensues in the world is suddenly diminished and forgotten, giving way to a sense of tranquility and peace.

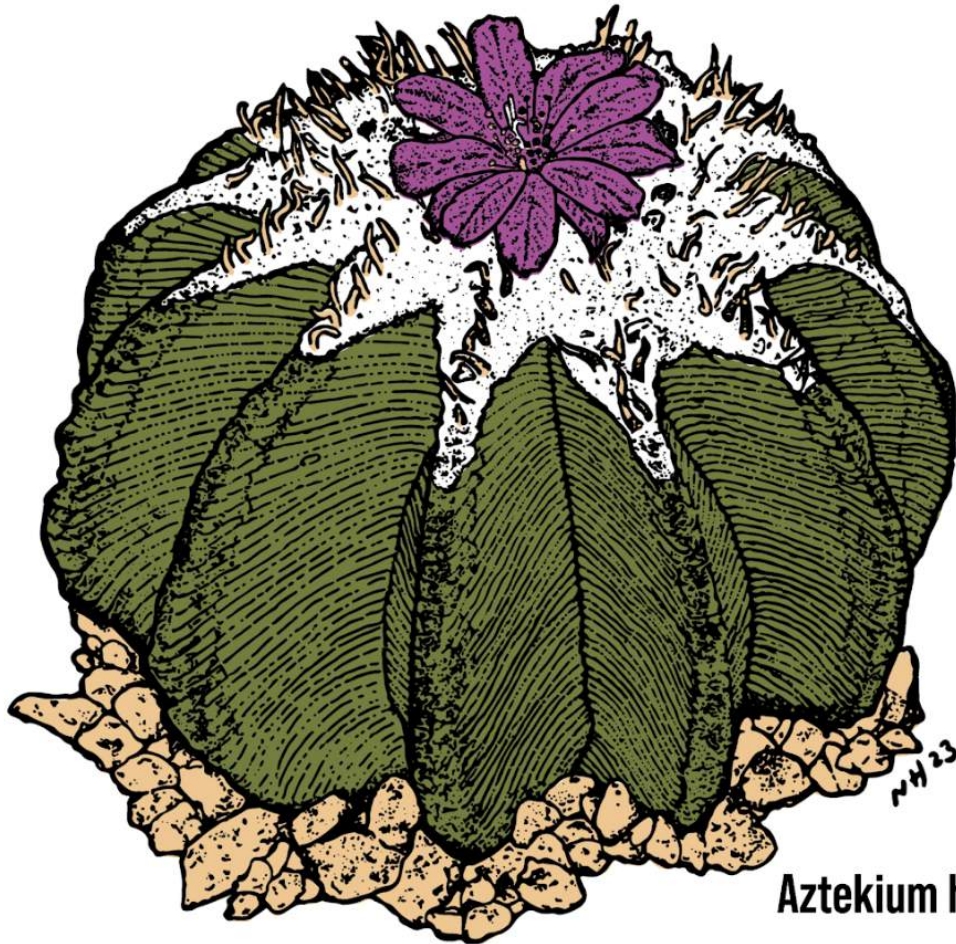
Besides being home to several exotic and extraordinary plants, our senses are further heightened by Walska's personal touch in everything, the whimsical and dramatic blue green edging stones, wooden bridge, a reflecting pond, cascading clamshell fountains, stone lanterns, a Neptune fountain with Spanish tiles, and so much more...

I was privileged to join the LACSS Lotusland trip, a horticultural heaven, where the soul finds nourishment, and in the words of Madame Ganna Walska "I'm the greatest enemy of average."

PHOTO CREDIT: MANJU TALREJA + RON COOPER



37th Annual **Inter-City**
Cactus & Succulent
Show and Sale



Aztekium hintonii

August 4th, 2023 - Sale 8AM-5PM

August 5th & 6th, 2023 - Show & Sale 8AM-5PM

Los Angeles County Arboretum - www.intercityshow.com

Hosted by the Long Beach, Los Angeles and San Gabriel Valley Cactus & Succulent Societies

Instagram: @intercityshow Facebook Group: intercityshow

We encourage you to bring your own box to the sale

Competitive exhibits shall be as follows:

NOVICE Exhibitor

has won no more than 40 blue ribbons total in recognized C&S shows.

ADVANCED Exhibitor

has won 41 or more blue ribbons. No Commercial sellers.

OPEN Exhibitor

must have won 80 or more blue ribbons or be a commercial seller of Cacti or Succulents.

Set-up Times

Table set-up starts at 9am Wednesday August 2nd. We would love your Help!

Exhibit Plant Entry is Wednesday August 2nd 1:00pm to 6:00pm

**Thursday August 3rd, 8:00am to 9:00pm
and Friday August 4th 8:00 am to 4:00 pm.**

The Sales area will open at 8:00 am Friday.

The Show will open on Saturday the 6th.

All entrants must register their total entries in the show registrar, at the info table, prior to placement on tables. Plants must remain for the entire show.

Judging will begin at 4 pm on Friday the 4th.

Plant Take-out Time is Sunday the 6th promptly at 5:00 pm.

Judging Scale

Condition of plant - 60 points

Size and degree of Maturity - 15 points

Staging and presentation - 20 points

Nomenclature - 5 points

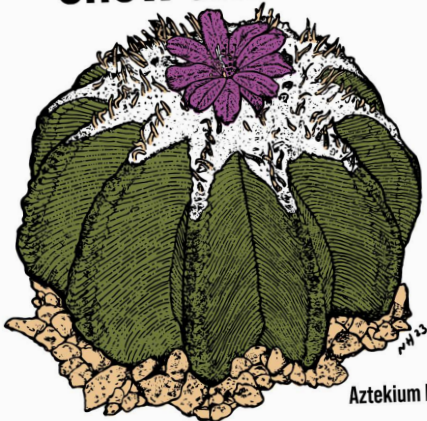
Points awarded for Tabulations;

First = 6 points, Second = 3 points, Third = 1 point.

Intercity Show and Sale

RESOURCES

37th Annual Inter-City Cactus & Succulent Show and Sale



Aztekium hintonii

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CSSA Show Schedule — Cactus Index

Genus	Class	Genus	Class	Genus	Class	Genus	Class
Acanthocalymma	31	Echinocactus	9	Mastocaria	48	Radermachera	55-58
Acazotocactus	33-34	Echinocereus	7-8	Mediolobaria	41	Roseocactus	12
Anacardocactus	10	Echinopsaluba-	11	Mesocactus	27	SchLambiana	47
Apotocactus	47	erectus		Mivandhoceras	34	Sciencocactus	10
Araucaria	34	Echinomastus	10	Mila	46	Selenicactus	47
Arakampus	1-2	Echinopsis	31	Mossilia	34	Saebiana	31
Artemesia	34	Entropalocopus	4	Mullerianthus	33	Sarmacanthus	11
Arriphidus	34	Epiphyllum	47	Noveboracensis	30	Senecioidea	33
Arthrocaucus	34	Epithedanthus	5	Noveboracensis	33	Senecioidea	34
Astrophytum	3	Eriocactus	39	Noveboracensis	13	Strombocactus	5
Austrocactus	46	Eriogon	35-36	Noveboracensis	34	Submasticaria	43
Austrocyclo-	34	Evadonia	13	Noveboracensis	33	Sulcatybia	42
caricus		Exoniata	33	Noveboracensis	34	Tacinga	38
Aylaxium	41	Exoniata	33	Noveboracensis	35-36	Taphrocactus	38
Aztekium	5	Eulyfina	34	Noveboracensis	33	Thelocactus	12
Baccharis	33	Ferocactus	6	Noveboracensis	1-2	Trichocereus	32
Bergencactus	33	Fraxea	45	Noveboracensis	10-14	Trichocereus	34
Biscutella	45	Gymnocactus	14	Noveboracensis	35-36	Trochilium	10
Borocactus	14	Gymnocactus	28-29	Noveboracensis	34	Turbocactus	14
Braichocactus	34	Hesperocactus	54	Noveboracensis	41	Ubbelohdeia	46
Braichocactus	39	Hemiacanthus	6	Noveboracensis	14	Webbocactus	47
Braichocactus							42

CSSA Show Schedule — Succulent Index

Genus	Class	Genus	Class	Genus	Class	Genus	Class
Albomaculata	106	Adansonia	120	Adansonia	108	Parasitocactus	130
Adansonia	115	Adansonia	109	Adansonia	66	Pseudolithos	80-81
Adansonia	101	Adansonia	110	Adansonia	121	Pseudolithos	116
Adansonia	24	Adansonia	110	Adansonia	117	Purpurea	106
Adansonia	57	Adansonia	85	Adansonia	64	Raflesia	80-81
Agave	67-100	Adansonia	114	Adansonia	168	Raphanostema	82
Aichryson	57	Adansonia	111	Adansonia	82	Rhipidophyllum	
Ailanthus	100	Adansonia	121	Adansonia	108	Ruscus	67
Aletris	88-90	Adansonia	61	Adansonia	68	Sarcocolla	111
Alseodora	68	Adansonia	106	Adansonia	66	Sarcocolla	113
Alseodora	117	Adansonia	58-59	Adansonia	108	Sarcocolla	84
Angustifolia	66	Adansonia	80-81	Adansonia	78	Sarcocolla	121
Anticarsus	93	Adansonia	69-77	Adansonia	63	Scilla	62
Anticarsus	99	Adansonia	66	Adansonia	113	Senecioidea	52
Anticarsus	119	Adansonia	67	Adansonia	120	Senecioidea	105
Anticarsus	87	Adansonia	114	Adansonia	119	Senecioidea	116
Bomarea	120	Adansonia	112	Adansonia	67	Senecioidea	108
Bomarea	121	Adansonia	67	Adansonia	99	Senecioidea	119
Bomarea	81	Adansonia	94-95	Adansonia	66	Senecioidea	80-81
Bomarea	119	Adansonia	108	Adansonia	68	Senecioidea	63
Bomarea	121	Adansonia	66	Adansonia	80-81	Senecioidea	80-81
Bomarea	104	Adansonia	66	Adansonia	119	Senecioidea	119
Bomarea	117	Adansonia	82	Adansonia	121	Senecioidea	79
Bomarea	99	Adansonia	60	Adansonia	62	Senecioidea	60
Bomarea	81	Adansonia	57	Adansonia	62	Senecioidea	118
Bomarea	108	Adansonia	91	Adansonia	105	Senecioidea	110
Bomarea	117	Adansonia	92	Adansonia	121	Senecioidea	67
Bomarea	83	Adansonia	106	Adansonia	103	Senecioidea	80-81
Bomarea	66	Adansonia	67	Adansonia	60	Senecioidea	50
Bomarea	118	Adansonia	80-81	Adansonia	102	Senecioidea	80-81
Bomarea	104	Adansonia	67	Adansonia	79	Senecioidea	93
Bomarea	65	Adansonia	80-81	Adansonia	113	Senecioidea	58
Bomarea	105	Adansonia	119	Adansonia	119	Senecioidea	116
Bomarea	55	Adansonia	106	Adansonia	80-81	Senecioidea	58
Bomarea	53	Adansonia	112	Adansonia	119	Senecioidea	121
Bomarea	120	Adansonia	107	Adansonia	66	Senecioidea	81
Bomarea	84	Adansonia	79	Adansonia	101	Senecioidea	108
Bomarea	118	Adansonia	55	Adansonia	93	Senecioidea	99
Bomarea	109	Adansonia	108	Adansonia	117	Senecioidea	117

ADVANCE TICKETS REQUIRED

CLICK HERE FOR TICKETS

PLANT ENTRY DETAILS
+ SHOW SCHEDULE

CLICK HERE FOR MORE INFO

P L A N T
EXPEDITION
T O U R U P D A T E S

Hope everyone is safe and trying to stay “cold” with some very extreme temperatures in the northern hemisphere. It is Summer for sure! Although I think our friends down south would appreciate us sending them some heat as they shiver through Winter!

A quick note to update some information and availability on upcoming tours!

PERU is confirmed for 2023 with 4 places remaining. This is the first offering of the Peru tour for 5 years and we cannot wait to go back, so hope you will join us! We are also excited to offer a 7-day extension on the Perutour, heading deep into the Amazon in Manu National Park (only 2 places left). This extension is rarely offered and is really a once in a lifetime experience. We are also confirming ARGENTINA-CHILE for November 2023, so if you have any interest in one of our favorite tours, please let us know.

For 2024 we have another busy year of tours planned and exiting news with a new tour!!! We will be co-guiding our first tour to COLOMBIA - orchids and bromeliads - in January 2024 with an expert orchidophile. We just had a couple of cancellations, so 2 places left at the moment!

In March, we are planning to run SOUTHERN PATAGONIA (Chile and Argentina). It is a natural history tour that is not offered very often, but it is confirmed for 2024! (3 places left on this one). The planned tour for NAMIBIA 2023 was postponed until May 2024. We are also taking reservations and expressions of interest for tours to ECUADOR, BRAZIL, SOUTH AFRICA, MADAGASCAR SOUTH, ARGENTINA-CHILE and BOLIVIAfor 2024.

IF YOU WOULD LIKE TO BE REMOVED from receiving these newsletters and updates of future tours, please drop me a note. I do hate spam too! If you are interested in any tours, please let me know so I can keep you updated about that specific tour.

Keep safe, it is so good to be back traveling so hope to see you on a tour soon!

All the best,
Guillermo Rivera
Plant Expeditions

P L A N T

EXPEDITION

2 0 2 3 + 2 0 2 4 S C H E D U L E

2023 SCHEDULED TOURS

A	PERU	Sep 2023	4 places available
B	MANU EXTENSION	Sep 2023	2 places available
C	ARGENTINA - CHILE	Sep 2023	2 places available

2024 SCHEDULED TOURS

D	COLOMBIA	Jan 4 – 20, 2023	2-3 places available
E	SOCOTRA	Jan 30 – Feb 13, 2024	SOLD OUT
F	SOUTHERN PATAGONIA	Feb–March, 2024	2-3 places available
G	BAJA CALIFORNIA	Apr 22 – May 5, 2024	Taking reservations
H	NAMIBIA	May 2024	Taking reservations
I	ECUADOR	May 29 – June 13, 2024	Taking reservations
J	BRAZIL	July 2024	Taking reservations
K	SOUTH AFRICA	Aug 19 – Sep 1, 2024	Taking reservations
L	SOUTH MADAGASCAR	Oct 2024	Taking reservations
M	ARGENTINA - CHILE	Nov 2024	tentative
N	BOLIVIA	Nov – Dec 2024	tentative

[CLICK HERE FOR MORE INFO ON TOURS](#)



Cactus and Succulent Society of America

Founded in 1929, The Cactus and Succulent Society of America is an international community dedicated to advancing the appreciation, knowledge, research, and conservation of cacti and succulents.



Seed Depot — cacti, succulents, and other plant seeds available to CSSA members.

Take advantage of access to the Seed Depot as a CSSA member. Seed packets are \$1.25 a piece. Generally 20-25 seeds are included per packet, unless the list specified otherwise. In keeping with CSSA's conservation policy, donors affirm that seeds were legally harvested.

[Learn more](#)

Woody Minnich — *live from the 37th Annual Inter-City Show and Sale:* the largest and most influential C&S Show in the US

August 5th, 10:00 a.m. PDT

Join us as Inter-City Show judge Woody Minnich describes the extraordinary trophy table plants. He will explore the factors that influenced the judges' decisions and the criteria that each plant had to meet to be selected for the trophy table.

[Register now](#)



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[Learn more](#)

South
Coast
Cactus &
Succulent
Society



RUSSEL RAY

“NATURE’S GEOMETRY: SUCCULENTS”

Russel, a serial entrepreneur, uses the Fibonacci sequence of numbers to look at the shape of plants, the number of plant ribs, the number of spines in areoles, and much more. He will bring with him a selection of live succulents to demonstrate nature's geometry and have copies of his new book, *Nature's Geometry: Succulents*.

SUNDAY, AUGUST 14, 2023
1:00 PM

South Coast Botanic Garden,
26300 Crenshaw Blvd., Palos Verdes
Peninsula 90274.

Free admission for SCCSS members and
their guests. For more information visit
southcoastcss.org



2023 CACTUS AND SUCCULENT CALENDAR OF UPCOMING EVENTS

- JULY 12 - 16 **CSSA CONVENTION INFO. WWW.CACTUSANDSUCCULENTSOCIETY.ORG**
- JULY 21 - 22 **ORANGE COUNTY CACTUS AND SUCCULENT SOCIETY SUMMER SALE
FRI NOON-6PM, SAT. 9AM-4PM INFO. CALL 657-549-0702
1000 S. STATE COLLEGE BL., ANAHEIM, CA**
- AUG 4 - 6 **INTER-CITY SHOW AND SALE - RESERVATIONS REQUIRED
INFO. WWW.INTERCITYSHOW.COM OR CALL 805-264-6262
PLANT SALES 8AM-5PM DAILY, SHOW OPEN 8AM-5PM AUG. 5-6
LA COUNTY ARBORETUM, 301 N. BALDWIN AVE., ARCADIA, CA**
- SEP 2 **HUNTINGTON BOTANICAL GARDENS SUCCULENT SYMPOSIUM
9AM-3PM RESERVATIONS REQUIRED
RESERVATIONS- WWW.HUNTINGTON.ORG, SYMPOSIUM-CALL 626-405-3571
HUNTINGTON BOTANICAL GARDENS, 1151 OXFORD RD., SAN MARINO, CA**
- OCT 1 **LONG BEACH CACTUS CLUB ANNUAL AUCTION
1PM-3:30PM INFO. CALL 714-553-6914
WOMEN'S CLUB OF BELLFLOWER, 9402 OAK ST., BELLFLOWER, CA**
- OCT 8 **LONG BEACH CACTUS CLUB ANNUAL AUCTION
1PM-3:30PM INFO. CALL 714-553-6914
WOMEN'S CLUB OF BELLFLOWER, 9402 OAK ST., BELLFLOWER, CA**
- NOV 3 - 5 **HUNTINGTON FALL PLANT SALE - RESERVATIONS REQUIRED SAT-SUN
10AM-5PM INFO. RESERVATIONS- WWW.HUNTINGTON.ORG
HUNTINGTON BOTANICAL GARDENS, 1151 OXFORD RD., SAN MARINO, CA**