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The Los Angeles Cactus & Succulent Society Newsletter

LACSS P.O. BOX 280581 NORTHRIDGE, CA 91328

CACTUS CHRONICLE



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.

Monthly Meeting Program : March

20 years in the ATACAMA *the land of the* COPIAPOA

Similar to the coast of Namibia, the coastal and inland regions of Northern Chile, known as the Atacama, is mainly watered by amazing fogs, "the Camanchacas." These fog-fed regions, in two of the driest deserts in the world, have some of the most interesting cactus and succulents to be found anywhere. The Atacama of Northern Chile has an endemic genus considered by many to be one of the most dramatic to have ever evolved, the Copiapoa. This ancient genus is also believed to be tens of thousands of years old, and there are those who feel it might well be on its way out! The ocean currents that affect the coastal Atacama have changed considerably over the last hundreds of years, and now its only source of moisture is primarily from consistent dense fogs. Some of these areas rarely, if ever, get rain and the plants that have evolved there live almost entirely off the heavy condensation from the Camanchaca.

(article continues page 2)



REFRESHMENTS FOR MARCH!

LAST NAMES STARTING WITH:

S - Z

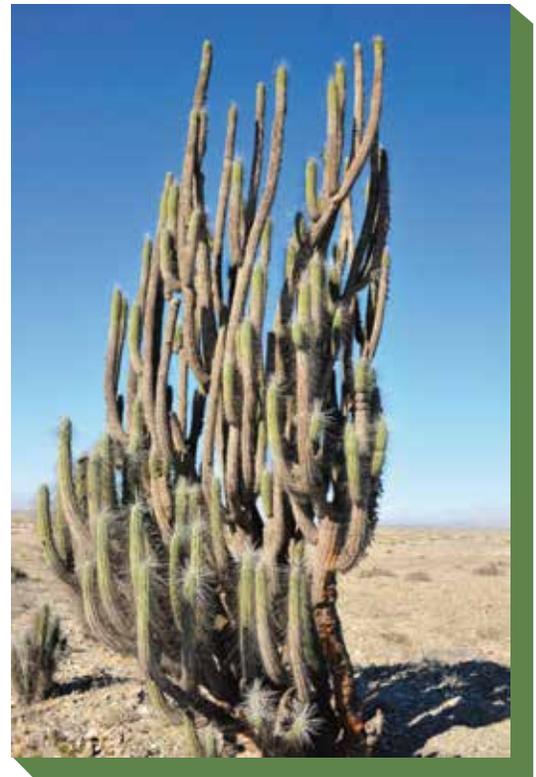
SEE YOU AT THE MARCH MEETING AT THE ONE GENERATION CENTER

(continued from page 1)

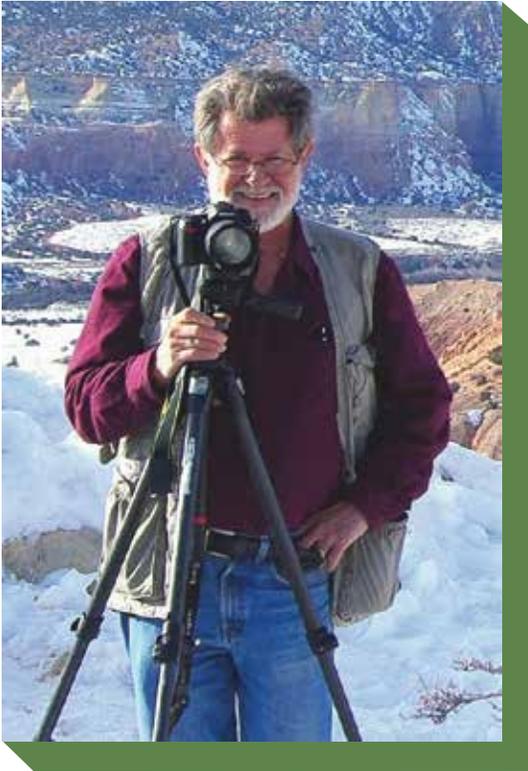
There are many different Copiapoa species ranging from small quarter sized subterranean geophytes to giant 1,000-year-old, 300-head mounding clusters. Thanks to Rudolf Schulz's excellent field work and his two comprehensive Copiapoa books, we have all been introduced to these amazing plants. Having worked with Rudolf in Chile, I can honestly say that the genus Copiapoa is without comparison! Now, having visited Chile numerous times over the last 20+ years, I have become familiar with most all of the representatives of this genus. With this presentation, I hope to taxonomically introduce you to most of the Copiapoa species as well as show their relationships and synonyms. Along with the Copiapoa, we will also encounter many other genera including the Neochilenias, Neoporterias, Eriocyce, Eulychnias, Trichocereus, as well as many of the other Chilean succulents. Chile also offers some of the best lunar landscapes, geologic formations, and spectacular beaches to be found in all of South America.

This last August 2018, I had the pleasure of leading a group of 20 crazy cactophiles in seven four-wheel drive trucks. Our objectives were to see most of the fantastic plants and spectacular scenery that are to be found in this the land of the Camanchaca. Most of our group were very young adults (25-35yrs), and they all wanted to see and know how us old timers (Rudolf, Woody, Ritter and Charles) used to do our explorations to the wild and seldom seen places of Chile. Not only did we take them on very bad roads, the kind of dusty, dirty two tracks we used to have to maneuver, we also had them camp out in the middle of nowhere with the scorpions. No restaurants, no showers, no beds, and no bar! These camp-outs were exceptional as we could often see, without light pollution, the Southern Cross and the Magellanic Lights until the Camanchaca fog slowly blanketed our campfire discussions. What an incredible trip it was! The energy of the young people and my memories of the last 20+ years in Chile made this an epic adventure, one I will never forget! Join me at the meeting, and hopefully you'll share our exhilarating experience and the overall magic of this wonderful arid region, the Atacama.

Wendell S. (Woody) Minnich



WENDELL S. (WOODY) MINNICH



WOODY as he is commonly known, grew up in the Mojave Desert and has had an attraction to desert plants and animals since the early 1950's. He has been involved with the cactus and succulent world as a grower, field explorer, club and organization leader, writer, photographer, lecturer and presenter.

Having been a speaker all over the world, Woody is most often associated with giving presentations on his field work from the places he has traveled, such as:

Argentina, Australia, Bolivia, Brazil, Chile, Madagascar, Mexico, Namibia, New Zealand, Peru, Socotra, South Africa, the United States and Yemen. He is also recognized for having operated the nursery Cactus Data Plants since 1975. Woody's show quality plants are often considered one of the standards for staging and horticultural achievement. His favorite genera include: Adenium, Ariocarpus, Astrophytum, Copiapoa, Cyphostemma, Fouquieria, Gymnocalycium, Lithops, Mammillaria, Melocactus, Pachypodium, Turbinicarpus, Uebelmannia, and Pachycauls in general.

He has published numerous articles and reviews in various journals (CSSA) and his photography is featured in many books including; "The Copiapoa" by Schulz, "The Mammillaria Handbook" by Pilbeam, "The Cactus Lexicon" By Hunt and

Charles, as well as many others. As of November 2017, he is featured as the primary photographer in the new book "The Xerophile." This book specializes in what the authors call, The Obsessed Field workers from around the world. He is also featured in electronic articles about conservation from "MNN Mother Nature Network" and "The Guardian Newspaper."

Woody and his wife, Kathy, live in Cedar Grove, New Mexico. He is a retired secondary school teacher of 32 years where he taught Graphics, Art and Architecture. In the cactus and succulent hobby, Woody is recognized for his high energy and creative spirit. As an educator, he has become an important part of the hobby and thus is an honorary life member of eleven C&S societies. With 49 years in the hobby and 64 years in the field, he has many experiences to share and numerous photos to show.

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MONTHLY DRAWING

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KIDS OUTREACH

Nicolene Bova

MEMBER AT LARGE

Kal Kaminer

A Word From Our President



RAIN RAIN RAIN COLD COLD COLD! UGH!

It is really a challenge even for experienced growers to grow in these conditions. There is nothing better than rain water for your plants but how much is too much? At our house in Canoga Park, we had frost that lasted for hours. The frost cloth is great and helps a lot but there are still plants that are sensitive. I noticed some of our aloes were really affected by how wet and cold it has been which I normally don't have to worry about them.

The new location was a great success for our February meeting. We have a couple of bugs to work out and could really use some help setting up and breaking down the meeting. If anyone is available after 5pm to help, it would be greatly appreciated. We had an amazing turn out so both the parking lots filled up. There is additional parking across the street and there is an additional lot off Victory at the Reseda Park. It is a pretty big room, but some members said they were struggling to hear the program because of talking in the back of the room at plant sales. Please be respectful and give your attention to the speakers during the program.

Name Tags, I know I forget mine all the time, but I am going to try to be better. It really helps if we wear them so newer members and guests can identify us. At the March meeting, come see me for a free raffle ticket for all members wearing their name tag! All vendors, please wear your name tags.

We are going to change the grouping for snacks so please check the list. Your last names will come up more often giving you more opportunities to bring in your special treats. This month is S thru Z.

I am very excited that at the March Meeting, the 2019 Grant program will be open for submissions. This is an opportunity for our members to apply for a grant to subsidize a passion that they may need help funding.

Don't forget to check out info on the CSSA Convention in July. It is in beautiful San Luis Obispo, just a few hours north of Los Angeles. They have expert speakers, field trips, plant sales and a wonderful opportunity to network with other plant enthusiasts. I hope to see many of you there.

I am truly grateful to the members that step up and volunteer. We have an incredible board, newsletter editor, membership chair, kitchen and hospitality, members at large, liaisons, and so many other wonderful people working to make this a top-notch club. We can always use more help from our members sharing their expertise. We are getting ready for our festival and would love to get some help with publicity, during the event we need help in the kitchen and other key positions. Please if you have a little extra time and are willing to help either for the events or the meetings, come talk to me.

Remember, our new meeting location is One Generation 18255 Victory Blvd between Lindley and Reseda, doors open at 6 pm but set up is before. If you are bringing a snack it would be nice if it arrives before 6:30. Bring it to the kitchen and it is always nice if you could label your item.

Ilona has been working very hard to keep stats of our meetings so please stop by the membership table and sign in. Kathleen Misko will be joining our membership team.

Look forward to seeing you all March 7, 2019!

Kim

PLANT OF THE MONTH

FEBRUARY RESULTS

SUCCULENT - SARCOCAULON/MONSONIA

ROOKIE

FIRST	SARCOCAULON HERREI	NIKKI BOVA
SECOND	SARCOCAULON VANDERIETIAE	BARBARA & KENT BUTTERWORTH

NOVICE

FIRST	SARCOCAULON HERREI	COLLIN O'CALLAGHAN & KIMBERLY TONG
SECOND	SARCOCAULON VANDERIETIAE	COLLIN O'CALLAGHAN & KIMBERLY TONG
THIRD	SARCOCAULON HERREI	COLLIN O'CALLAGHAN & KIMBERLY TONG

ADVANCED

FIRST	SARCOCAULON L'HERITIERE	BARBARA HALL
SECOND	SARCOCAULON FLAVESCENS	BARBARA HALL
THIRD	SARCOCAULON HERREI	RON BEHAR

OPEN

FIRST	SARCOCAULON HERREI	ARTIE & KIM CHAVEZ
SECOND	SARCOCAULON CAMDEBOENSE	MANNY RIVERA
THIRD	SARCOCAULON L'HERITIERE	MANNY RIVERA



PLANT OF THE MONTH 2019

MARCH

Epithelantha, Encephalocarpus
Pelecyphora,
Aloe Hybrid

APRIL

Gymnocalycium
Haworthia

MAY

Small cacti & succulent staged as
miniature

JUNE

Favorites

JULY

Mammillaria with hooked spines
Lithops

AUGUST

Rebutia
Commiphora

SEPTEMBER

Astrophytum
Euphorbia from Madagascar

OCTOBER

Opuntiod from South America
Adromischus

NOVEMBER

Variegated
Variegated

DECEMBER HOLIDAY PARTY



CACTUS - ECHINOCACTUS

ROOKIE

FIRST	ECHINOCACTUS GRUSONII	BARBARA & KENT BUTTERWORTH
SECOND	ECHINOCACTUS GRUSONII MONSTROSE	NIKKI BOVA
THIRD	ECHINOCACTUS GRUSONII	FREDDIE ANDERSON

NOVICE

FIRST	ECHINOCACTUS GRUSONII	FELIPE DELGADO
SECOND	ECHINOCACTUS GRUSONII	AL MINDEL
THIRD	ECHINOCACTUS GRUSONII	FELIPE DELGADO

ADVANCED

FIRST	ECHINOCACTUS HORIZONTAL DARIUS	RIO CERNIK
SECOND	ECHINOCACTUS HORIZONTALIS	KATHRYN BOORER
THIRD	ECHINOCACTUS GRUSONII	RIO CERNIK

OPEN

FIRST	ECHINOCACTUS GRUSONII	KAREN OSTLER
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PLANT OF THE MONTH 2020

JANUARY

Turbinicarpus & Gymnocactus
Tylecodon

FEBRUARY

Buiningia & Uebelmannia
Aloe species

FEBRUARY PLANT OF THE MONTH PHOTOS

Photo credit: Collin O'Callaghan



MARCH PLANT OF THE MONTH

PELECYPHORA & EPITHELANTHA BY KYLE WILLIAMS

Photo credits: Kyle Williams & Michael Wolf

We are looking at two small genera of cacti each with only two species. Despite having so few species they stand out in all being highly desirable and less commonly seen for sale. All of them are very small plants that make attractive specimens for small pots.

Pelecyphora contains two species from San Luis Potosi, Mexico, both of which have very distinctive and attractive tubercles. *Pelecyphora aselliformis* is a tiny cactus that rarely gets larger than 1-2 inches. The tiny size of the cactus alone would make it desirable for miniature growers, but the real reason for its popularity are the unusual tubercles. The botanist who named *Pelecyphora* thought they looked like ax blades, as *Pelecyphora* translates to "ax bearer". To me they look a lot like an insect, specifically a Mealybug Destroyer, the well named Mealybug predator. The only other species is *P. strobiliformis* which is also tiny and has distinctive tubercles. This species was originally described as an *Ariocarpus* but shortly thereafter was recognized to be distinct from other *Ariocarpus* species. This led to the creation of the genus *Encephalocarpus* for this species. Eventually botanists figured out that it belonged with *P. aselliformis* and was moved into *Pelecyphora*. The reason it took so long to



Epithelantha micromeris

combine the species into a single genus is in part because the tubercles of *P. strobiliformis* look nothing like those of *P. aselliformis*. They are broad and flat and look like leaves or scales. It really does look like a tiny *Ariocarpus* or *Obregonia* but floral and other features show the true *Pelecyphora* relationship. Both species are very threatened in the wild due to overcollection and habitat destruction.



Pelecyphora strobiliformis



Pelecyphora aselliformis

Epithelantha, similar to *Pelecyphora*, is a miniature cactus with just two species, *E. micromeris* and *E. bokei*. They were originally described as *Mammillaria* as they have a similar look and tubercle development. Both species are native to the Big Bend region of Texas and adjacent areas of Mexico, with *E. micromeris* also extending into New Mexico and eastern Arizona. They prefer growing among limestone rock with the white color of the rocks letting the plant blend in and avoid easy notice. The species look very similar to each other and some botanists believe they may all be a single species. The plants are small and round and covered in dense, short white spines. The flowers are pinkish but it is the fruit that is the real standout. They are club shaped and bright almost neon pink. The bright color attracts birds which eat them then distribute the seeds. The plants are 1-3 inches in diameter and grow upright, but never get particularly tall.

All species of both genera take similar care. They are small and slow growing, so keep them in an appropriately small pot with well-draining soil. Bright light is important but avoid direct hot afternoon sun. They have tuberous roots and come from regions that are dry in the winter so protect from our winter rains.

MARCH PLANT OF THE MONTH

ALOE HYBRIDS BY KYLE WILLIAMS

Photo Credits: Kyle Williams



Aloe x 'Bee's Pink'

An Aloe hybrid is simply the result of a cross between two different species of Aloe, or between Aloe and another genus such as Haworthia or Gasteria. Hybrids between different species of plants are commonly seen in the wild and have existed long before humans ever thought to create them. All it takes is two related species growing in the same area, plus a single bee, or other pollinator, to go from one plant to the other and a hybrid seed may be created. Sometimes the hybrids are sterile, meaning it may grow just fine but will never be able to form seeds. Other wild hybrids may be fertile and produce "selfed" seeds or even cross back with parent species. This leads to much confusion among botanists trying to figure out where one species ends and the next begins! It is believed that a number of species of plants originated as an ancient hybrid between two (now extinct) parent species.

While some natural Aloe hybrids are grown ornamentally, the real collector interest is in the vast array of man-made hybrids resulting from crossing species that would never have the opportunity to cross in the wild. Modern work on Aloe has taken it a step further, crossing hybrids with other hybrids in an increasingly complex mixing of species and traits that are creating an array of truly bizarre, beautiful, and unique cultivars. Some of these hybrids are named and mass produced (e.g. Aloe x 'Hercules' or Aloe 'Dorian Black'), while others may only be grown by a handful of people and never get a proper name.

Anyone can create a hybrid by crossing two Aloes but being able to consistently create new and commercially desirable cultivars takes a lot of hard work and specialized knowledge, particularly of plant genetics. A hybridizer will select two species (or two existing cultivars) that each have traits he'd like to see shared in a single plant. For example, one Aloe variety may have smooth orange leaves and another bumpy green leaves. A hybridizer may want to see if he can create bumpy orange leaves by crossing these two plants. If he is lucky he might get one or two plants like that, though the vast majority of seedlings will be unexceptional. However, to get the complex hybrids, such as those produced by Kelly Griffin (or LACSS's own Tim Harvey and John Martinez) requires multiple cycles of crossing two plants, selecting the best seedlings and growing them out, then crossing them and selecting the best of those crosses. On average only one in 10,000 seedlings will become a commercially successful hybrid. The rest are generally sent to the compost heap.

Aloes, including the hybrids, are incredibly easy to grow in Southern California. Almost all of the South African species and hybrids are easily cultivated, with the larger types making stunning landscape plants. They can take light frosts with no damage. One of the largest hybrids found in this area is Aloe x 'Hercules' whose parents are Aloe bainesii and A. dichotoma. The smaller hybrids also easy, but it should be noted that most of the highly desirable newer hybrids (such as Aloe x 'Christmas Carol') are derived largely from species native to Madagascar. As such they are more frost tender, but will do well with even light protection. They make great pot plants, and are easily made into wonderful show plants. Aloes are easily propagated. Just separate pups from the main plant and pot them up!



Unnamed John Martinez hybrid



Aloe x 'Christmas Carol'

MEMBERSHIP

LACSS P.O. BOX 280581 NORTHRIDGE, CA 91328



Are you ready for the March meeting... Where has this first quarter year gone already? We are doing an about face and by including last month's letters S-T, we appreciated the snacks that were brought in, and the club who pitched in with all that Pizza, but the membership names have changed, and we are updating the rotation. This month its going to be S-Z. Don't feel obligated to

bring again, but if you missed last meeting this would include you... Our rotation will be quarterly, we now have the facilities and room to spread out. The food items will be set out for our Social Hour, and the goodies for the break... that makes it easier to clean up too. We are looking forward to seeing what you bring, even if it's just yourself this time.

Come, enjoy the meeting...the Doors Open at 6:00 pm & please label your dishes.



WELCOME!

AUGUST'S NEW MEMBERS:

GILA HANKIN
ROCHELLE PINTO

BE SURE TO BRING A FLAT BOX FOR YOUR GOODIES, PICK UP YOUR NAME BADGE (IF ORDERED), YOUR ROSTER, MEMBERSHIP CARD & WELCOME PLANT.

P/S: IF WE GOT YOUR NAME WRONG, PLEASE EMAIL: NEWSLETTER@LACACTUS.COM WITH SUBJECT "NAME CHANGE"

FEBRUARY MEETING PHOTOS

Photo credit: Collin O'Callaghan & Ron Cooper





GREENHOUSE NOTES

BY KAREN OSTLER

Insect pests. Yuck, just the words give us the heebie-jeebies. And with the beginning of warmer weather that we expect towards the end of March; those little monsters lurking in our collections can explode into growth. One of the problems is caused by our own diligence at keeping our cactus and succulents protected from the worst of the cold and rain. In trying to lessen the risk of rot, we keep the plants on the drier side during the winter, inadvertently encouraging insect pests like spider mites and mealy bugs; that prefer those drier conditions.

As a long time grower I know those little things are hiding everywhere in my greenhouse and I always, always, always have a spray bottle of killer bug juice ready and waiting.

And what; you are asking; is killer bug juice?

There are several versions around, most of them contain a similar mixture of non-toxic; except to the bugs; easily obtained common household chemicals.

Mix #1. One third each: rubbing alcohol, water and Dawn dishwashing liquid. And yes, it has to be Dawn, with its grease fighting properties.

Mix#2. One quarter each: rubbing alcohol, vinegar, water and Dawn. I find this mix excellent for killing mealy bugs.

Mix#3. Mix#2, with the addition of 1 tablespoon of hot sauce per quart of mix. I haven't ever used this one; I prefer to use hot sauce in my food, not my bug spray.

Here is the logic behind the mixes. The Dawn acts as an anti-surfactant, cutting through the bug's protective layer, allowing the rubbing alcohol to dry out the bug's surface, while the vinegar as an acid eats away at the critter. The hot sauce? Don't have a single clue why it would be used except that maybe capsaicin is an effective anti-viral, because the bugs carry various viruses.

The way to use these sprays is simple; at the first sign of insect damage, you spray the infected plant; get it good and wet, you want it running down into the top layer of soil to kill any bugs hiding there. If it's a succulent make sure you get the underside of the leaves as well as the top side. I repeat, spray until the mix is running down your plant. Then spray every plant around the infected one; especially in the case of spider mites. You don't always see their webs, but they are sneaky critters. DO NOT spray in direct sunlight! This mix will damage your succulent plants in sunlight. Spray as you would water, at the end of the day. Spray today, spray three days from now and three days after that. I did some additional research and the recommendation is to spray six days later three times; at three day intervals. Just to be absolutely certain you get all of them.

Happy growing!

Karen Ostler



UPCOMING LACSS GARDEN TOUR

New Garden Tour

DUDLEYA HIKE: LAKE ELEANOR OPEN SPACE IN WESTLAKE SATURDAY, APRIL 20, 2019

Please join us Saturday, April 20, 2019 for a Dudleya Hike in Lake Eleanor Open Space with John Martinez and Nils Schirmmacher.

DATE: SATURDAY, APRIL 20, 2019

WHAT: DUDLEYA HIKE

TIME: 10:00AM- APPROX. 12:00 NOON

PLACE: LAKE ELEANOR OPEN SPACE IN WESTLAKE

**WHAT TO BRING: WATER, WATER, WATER! SNACKS FOR YOURSELF,
SUNSCREEN, HAT, AND CAMERA.**

WEAR SHOES APPROPRIATE FOR HIKING.

RSVP TO: DIANEMILLER@SOCAL.RR.COM

John Martinez and Nils Schirmmacher are excited to introduce LACSS members to Lake Eleanor Open Space in Westlake. This 500-acre jewel is loaded with blooming bulbs, perennials, and succulents! We'll be making a short trek to see a succulent that is found only in the Thousand Oaks/Westlake area: *Dudleya cymosa* ssp *agourensis*. Along the way we will stop to consider another species of *Dudleya* -- *Dudleya lanceolata* -- as well as other genera of succulents growing nearby. After a full accounting of these plants and the habitats that sustain them, club members will have an intimate knowledge of the little *Dudleya* named after the city of Agoura.

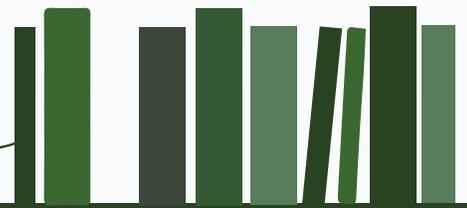
We will meet at 10AM on Saturday, April 20th at the end of Highgate Road. From Westlake Bl, head southeast on Triunfo Cyn Rd for 0.6 miles, then turn right on Highgate Rd. Continue about a 1/2 mile to the end of Highgate and park at the curb. Meet at the gate. To Google the nearest street address, you may use 2123 Highgate Road, Westlake Village. When you get to that address you will see the gate.

The hike is an easy 1/2 mile each way. Although the elevation gain is minimal, there are some small grades, and the trail can be a little rocky at points. Boots are only necessary if you prefer ankle support, otherwise walking shoes, low-top hikers, or sneakers are sufficient. The hike and discussion will last about two hours.

Please be sure to RSVP to Diane Miller at dianemiller@socal.rr.com. Please include "LACSS Dudleya Hike" in the subject line. To RSVP by phone to Diane, please call 818-882-1856 and leave a message.

Hope to See You There!

From the Stacks of the Library



BY JOYCE SCHUMANN

Hi to all,

As promised, we have a new book for our library this month. It is a slim volume and covers a unique topic. The authors, John Pilbeam and Michael Partridge, decided to describe a small group of Opuntias that usually receive little attention. Hence, the title of the new book is "Small Opuntias." Most Opuntias get quite large, have famous spines, and are recognized by their jointed sections. Most of us do not have the space or welder's gloves to collect the mainstream Opuntias. But there are a few Opuntias that are smaller and more manageable in small spaces. You will be excited to find a few that you will be able to add to your collection.

Following The Introduction and Acknowledgments page is a brief description of the Genera and species included in this book. Three of the Genera were unknown to me. Does anyone have a Miqueliopuntia, Punotia, or Tunilla in their collection?

Also included are excellent, self-explanatory maps showing the distribution of each genus. The rest of the book contains some of the most fantastic, in-habitat photos that I have seen!

If you have avoided Opuntias because of their reputation, I think this slim volume will encourage you to consider the plants described here.

Make sure you stop by our new digs at the new meeting place and **CHECK IT OUT!**

See you soon,

Joyce

What's going on?

The Los Angeles Cactus and Succulent Society is pleased to announce its first student Science Fair Competition. This science fair will be held on June 8th and 9th of 2019. Highschool student participants will have an opportunity to win cash prizes for their research displays and presentations at our annual Drought Tolerant Plant Festival which will take place at the Sepulveda Garden Center located at 16633 Magnolia Blvd, Encino, Ca 91316.

Prizes will be awarded as follows:
1st Place \$250, 2nd Place \$175 and 3rd Place \$150.

At present, this pilot competition is open by invitation only to a few local high schools. Projects must be focused on cactus, succulents or drought tolerant plants and/or their environments.



2019

LACSS SPRING FESTIVAL

Show

SHOW CATEGORIES

CACTUS

CRESTS
MONSTROSE
VARIEGATED

SUCCULENTS

CRESTS
MONSTROSE
VARIEGATED

Plants must be placed in the show area no later than 5:00PM Friday or Saturday prior to 8:00AM. Plants must remain in place until the show closes Sunday at 3:00PM.

REGULATIONS

Each exhibitor must enter all plants in one of four Divisions: Rookie, Novice, Advanced or Open. These divisions are judged separately. All judges decisions are final.

All Vendors must Show in the Open division and must have minimum of three plants or pre-arrange a display with the Show Chair.

1. All other exhibitors may enter a maximum of three plants per category, i.e. 3 succulent crests, or 3 variegated cactus, for a maximum of 18 plants.
2. Exhibitors; with the exception of Rookies; all exhibited plants must be in the exhibitor's possession a minimum of six months.
3. Each entry must be clean, dry, healthy and free of weeds, debris, insects, disease and pesticide odor.
4. All plant labels must be removed from pots.
5. Plant stands or lifts are not allowed except where the plant hangs below the level of the bottom of the pot.
6. Rocks and other natural objects are allowed only as adjuncts to the plant, i.e. a branch to allow a climbing plant support.
7. All exhibitors are responsible for placing each entry in the proper class; with an accurate name and a completed entry tag.
8. Grafted plants are allowed in any category.
9. Show Chair may remove any plants that detract from the show or jeopardize the health of other entries.

JUDGING STANDARDS

Condition, size, maturity & difficulty of culture	70%
Staging	25%
Nomenclature	5%

ALL JUDGES DECISIONS ARE FINAL

QUESTIONS?

Contact Show Chair:

Karen Ostler
innerscapes@antelecom.net or
(661) 944 9844

ANNOUNCEMENTS

*Don't
forget!*

REFRESHMENTS REMINDER

It's March! - Last names starting with S - Z

If your last name begins with the letters listed above, this means it's your turn to bring the goodies during our meeting on Thursday, March 7th. Please have snacks arrive by 6:30PM for Social Hour.

Your help in setting up & breaking down is greatly appreciated.

It's nice to have real food at the start of the meeting, as well as treats during the break. Drinks are also welcome.

UPCOMING EVENTS

MARCH

MARCH 21-23 2019

ORANGE COUNTY CACTUS AND SUCCULENT SOCIETY
SPRING SHOW AND SALE
THURS 21ST 6:00PM - 9:00PM
FRI 22ND 9:00AM - 7:00PM
SAT 23RD 9:00AM - 5:00PM
1000 STATE COLLEGE BLVD. (ANAHEIM UNITED METHODIST CHURCH)
ANAHEIM, CA.
INFO (562) 587 3357

APRIL

APRIL 13 2019

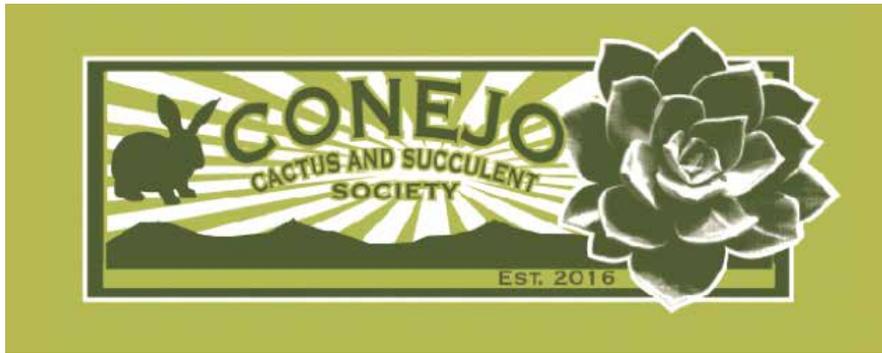
CONEJO CACTUS AND SUCCULENT SOCIETY PLANT SALE
9:00AM - 3:00PM
ELKS LODGE, 158 N. CONEJO SCHOOL ROAD, THOUSAND OAKS CA 91362
INFO: CONEJOCSS@HOTMAIL.COM

APRIL 13-14 2019

SOUTH COAST CACTUS AND SUCCULENT SOCIETY SHOW AND SALE
9:00AM - 4:00PM
SOUTH COAST BOTANIC GARDEN, 26300 CRENSHAW BLVD. PALOS VERDES CA
INFO: WWW.SOUTHCOASTCSS.ORG

APRIL 28 2019

HUNTINGTON PLANT SALE
10:00AM - 5:00PM
HUNTINGTON BOTANICAL GARDENS, 1151 OXFORD RD. SAN MARINO CA.
INFO: (626) 405 3504



SUCCULENT & CACTUS PLANT SALE SATURDAY APRIL 13TH, 2019

9:00AM - 3:00PM

Elks Lodge

**158 N. Conejo School Road
Thousand Oaks, CA, 91362**

Plant vendors will be offering
cactus, succulents, bromeliads & cycads.

Along with pottery and jewelry.

Experts will be available
for advise on growing and cultivation.

Please bring boxes or bags to carry home your purchases.

For more information email: Conejocss@hotmail.com

Our Sale is in conjunction with the Elks Lodge weekly BBQ



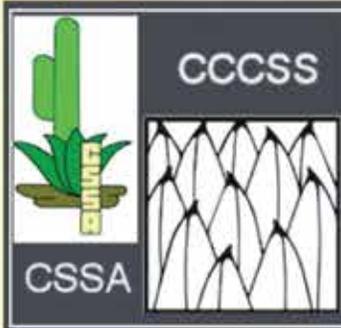
Thousands of rare & unusual cacti & succulents for sale both days.

Exhibit showcasing beautiful & exotic plant specimens (Saturday only).

Learn from professional growers about drought-tolerant plant & vegetation.

Handmade ceramic pots for your plants.

More details at www.gatescss.com
(909) 910 9195



Cactus and Succulent Society of America
2019 Biennial Convention
July 17-20, 2019

Succulents: Conserving our Treasures

San Luis Obispo, California



Speakers

Doug Dawson
Julia Etter & Martin Kristen
Kelly Griffin
Sean Guildenhuys
Attila Kapitany
Brian Kemble
Paul Klaassen
Tom Knapik
Irwin Lightstone
Steve Lovecky
James Mauseth
Steve McCabe
Rob Skillin
Greg Starr

The Kinney Hotel the Convention Hotel



Main Convention Venue

Directly across the street from the Convention Hotel



Field Trips

Lotusland & Aloes in Wonderland
Montana De Oro State Park Bluff Hike
Private Garden Tours (4)
Hearst Castle & Elephant Seal Rookery
Leaning Pines Arboretum & SLO Botanical Gardens

Website: CSSACONVENTION.COM