

C A C T U S
CHRONICLE

N O V E M B E R 2 0 2 1

VOL. 89 ISSUE 11

THE EXOTIC CACTI OF

CHILE

WITH STEVE FRIEZE

LACSS ZOOM MEETING, EVERY FIRST THURSDAY OF THE MONTH

MEETING START TIME: 7PM, HOST WILL OPEN ROOM AT 6:30PM

NOVEMBER 4TH, 2021

Photo credit: Steve Frieze

B O A R D OF DIRECTORS

2 0 2 1

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.

PRESIDENT

Joyce Schumann

PAST PRESIDENT

Kim Thorpe Chavez

1ST VP, PROGRAMS

Ron Behar

2ND VP, PLANT OF THE MONTH

Manny Rivera

3RD VP, SPECIAL EVENTS

Jim Esterle

SECRETARY

Kate Eplboim

TREASURER

Nick Steinhardt

DIRECTOR 1 MEMBERSHIP

Rosemary Polito

DIRECTOR 2 EDUCATION

Sandy Chase

CACTUS CHRONICLE EDITOR

Kimberly Gomez-Tong
newsletter@lacactus.com

MEETING REFRESHMENTS

Karen Holley

WEBMISTRESS

Nancy Neymark

CACTUS GARDEN CHAIR

Chris Rogers

CSSA LIAISON

Roxie Esterle

FALL SALE

FESTIVAL CHAIR

Artie Chavez

INTER-CITY REPRESENTATIVE

Manny Rivera

MONTHLY DRAWING

Al Mindel

PLANT PROCUREMENT

Collin O'Callaghan

HISTORIAN

Nils Schirmacher

HOLIDAY PARTY CHAIR

Debi Heaps

LIBRARIAN

Susan Phillips

POM PLANT DESCRIPTIONS

Kyle Williams

ZOOM MANAGEMENT TEAM

Emily Akers + John Giesing

COVID COMPLIANCE OFFICER

Emily Akers

SOCIAL MEDIA

Kathleen Misko - Facebook
Nicole Alter - Instagram

EDITOR'S NOTE

Hi everyone!

Looking forward to seeing you all again this Thursday!

Don't forget to share your photos with us at:
newsletter@lacactus.com

Because we will not be having our annual Awards Dinner Party, there will be an update if we will be doing something else for December!

STAY TUNED AND KEEP UPDATED WITH OUR EMAIL BLASTS

I hope you are all safe and well.

- Kimberly

IN THIS ISSUE

A WORD FROM THE PRESIDENT

MONTHLY PROGRAM:
STEVE FRIEZE

PLANT OF THE MONTH

MEMBER BADGES

THE DON HUNT AUCTION



FROM THE MESSAGE PRESIDENT

At the last Board meeting, we discussed the elected positions (President, VP Special Events, Treasurer, and Director 2 Education) that will need to be filled for the 2022-2023 term. Our bylaws give directions for this process which include an in-person vote of our members. Our venue for meeting in person (ONEGeneration) still has not received an OK to open their doors to public activities so the member vote is unavailable. The Board agreed to a temporary suspension of the bylaws requirements and agreed to the following slate for elected positions:

- The position of President will be co-chaired by Artie Chavez and Joyce Schumann. We have shared the responsibilities for the past year and this seemed like an easy transition which will keep the club business moving along as usual.
- The VP-Special Events will remain vacant. We have had NO Special Events since the pandemic began, making this a natural decision.
- Our Treasurer, Nick Steinhardt, agreed to serve one more term.
- The Director 2- Education for 2021 has been filled by Sandy Chase, who chose not to run again. Cande Freidman agreed to accept this position.

This action will keep us up and running smoothly for 2022.

Appointed positions are still under review and will be announced in December.

The first question that is always asked is "When will we meet again in person?" This dilemma has created much discussion at board meetings also. As a first step in that direction, we have secured a temporary venue for January 6, 2022. This will be a big step and will required us to carefully monitor the successes and pitfalls of this decision. The meeting structure will be a "business as usual" approach with a few modifications. More details will be in the December Chronicle. What will happen in February? Stay tuned.....

Remember our Fall Sale in 2020? That was our first venture to mix with the public since the pandemic hit us. It rained Friday night and was cold and windy the next day. But it was still a success! And in keeping in tradition (I guess), it rained again on Friday night before 2021 Fall Sale. But the show must go on... Customers were lining up before 8:00AM. Their enthusiasm is palpable. The weather was beautiful. Awesome! Our volunteers did their part with good humor to make sure our visitors had a safe and fun visit. Even though it was a one day only sale, we had over 300 visitors in six hours. Good job, everyone!!

By the time you read this, Halloween will be over. I hope you enjoyed your trick or treaters. And now we are on to Thanksgiving. This is my favorite holiday and because of the pandemic, I give extra thanks for the safety and good health for all of our members, friends and family.

See you soon -on ZOOM...
Joyce

THE EXOTIC CACTI OF
CHILE
WITH STEVE FRIEZE



My wife and I decided to visit Chile after we were exposed to the marvels of this country in a presentation made by Paul Klaassen. Paul has visited this country many times previously and subsequent to our trip. This excursion left an indelible impression on us. We had the extraordinary opportunity to spend almost a month in Chile traveling from Santiago to Taltal, a mining town in the heart of the Atacama Desert. Along the way we located and photographed many of the cacti that are endemic to Chile. We were especially gratified to explore such a large portion of the country and find such a wide variety Copiapos and Eriosyces. This fact made our adventure even more rewarding. A rather trying hike into the San Ramon and Botija valleys provided us with an enriching experience that we will never forget. We also took an assortment of side trips that included a visit to an island that is inhabited by penguins and sea lions. We look forward to sharing our odyssey with you that included a stay in a mansion that is owned by one of the wealthiest men in Chile.



ERIOSYCE CURVISPINA

Steve Frieze is a past president of the LACSS and has served the club in numerous other capacities during the past 30 years since he initiated his membership. He is a retired university administrator and is currently teaching psychology courses at California State University, Dominguez Hills. Artie Chavez and Steve were the founding partners in Desert Creations, a nursery that sells unusual cacti and succulents. Steven is currently involved in another plant venture having started Distinctive Flora with his wife Phyllis. The Friezes have traveled to numerous locations throughout the world that house exotic plants including Costa Rica, Chile, East Africa, South Africa, Namibia, Brazil, and Oaxaca Mexico.





COPIAPOA MARGINATA



EUPHORBIA LATIFLUA

PLANT ^{of the} MONTH

2 0 2 1

JANUARY

Columnar cactus
Sedum & Sempervivum

FEBRUARY

Mammillaria straight spines
Pelargonium

MARCH

Copiapoa
Bulb

APRIL

Echinocereus
Conophytum

MAY

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

JUNE

Favorites

JULY

Echinofossulocactus
(aka Stenocactus)
Adenium

AUGUST

Echinopsis
Euphorbia with caudex

SEPTEMBER

Ariocarpus
Cyphostemma & Cissus

OCTOBER

Grafted
Grafted

NOVEMBER

Variiegated
Variiegated

DECEMBER

Holiday Awards Party

POM Online Policies

- SUBMISSIONS WILL BE LIMITED TO A MAXIMUM OF 2 CACTUS AND 2 SUCCULENT SUBMISSIONS PER PERSON.
- WINNING POINTS WILL BE RECORDED AND ACCUMULATED FOR PRIZES AWARDED AT OUR YEAR-END HOLIDAY PARTY IN 2021.
- COMPETITION DIVISIONS (ROOKIE, NOVICE, ADVANCED, AND OPEN) WILL BE JUDGED TOGETHER, AS THERE AREN'T ENOUGH PLANTS FOR A COMPETITION IN EACH DIVISION.
- ONE POINT WILL BE AWARDED FOR EACH ENTRY, AND WINNERS IN THE CACTUS AND THE SUCCULENT AREAS WILL BE AWARDED 3 POINTS FOR 3 RD PLACE, 4 POINTS FOR 2ND PLACE, AND 5 POINTS FOR 1ST PLACE.
- PHOTOS MUST BE SUBMITTED TO OUR CACTUS CHRONICLE EDITOR : NEWSLETTER@LACACTUS.COM BY THE 20TH OF THE MONTH PRECEDING THE COMPETITION IN ORDER TO BE CONSIDERED IN THE JUDGING.
- MANNY RIVERA WILL SELECT THE WINNING CACTUS AND SUCCULENT BASED ON THE PHOTOS, TO BE ANNOUNCED DURING THE MEETING.

VARIEGATES

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

Variegation is the appearance of differently colored areas leaf or stem due to a partial loss of chlorophyll. This is usually due to genetic mutation, developmental abnormalities or certain viruses. People have also been able to induce variegation in plants through the use of radiation or treatment with certain chemicals. The scientific details of exactly how variegation arises in plants, and how it is maintained (or lost), are too complex to go into in depth here.

The pattern may be consistent and well organized (e.g. many Agave) or it may be randomly distributed (e.g. most variegated cacti). Plants with patchy or mosaic patterns of variegation are often the result of a cell mutation that is fairly random. In other words the plant may be prone to producing cells without chlorophyll sporadically, and when that cell appears it divides many times (just like normal cells). Some plants have fairly organized and consistent variegation patterns. That is quite often due to different meristem (i.e. mother) cells being responsible for forming different layers or parts of a leaf or stem. For example, if the meristem cells responsible for making the outer edges of a leaf have the variegation gene while meristem cells for the center of the leaf do not, you will get a consistent pattern of white edges and a green center.

Plants totally lacking in chlorophyll (achlorophyllus), such as the brightly colored grafted *Gymnocalycium* cultivars are technically not variegated, but are considered so for the purposes of cacti and succulent shows. Keep in mind, a plant is not variegated just because the leaves have colored areas. It must be partially lacking chlorophyll as well.

Variegated plants normally have white or yellow patches and streaks, but can also be colors including red, orange, brown, pink, and purple. Colors other than white are due to the presence of colored plant pigments such as anthocyanins and carotenoids.



Senecio aristata



Euphorbia mammillaris



Agave victoriae-reginae

Variegation is known throughout the plant kingdom, but is rarely seen in the wild. The reason variegated plants are common in horticulture is that people like the color and unusual nature of these plants. When a rare variegate appears in a batch of seedlings we are keen to grow it, propagate it and spread it around!

Variegated plants have a place in most gardens. The strange and colorful patterns bring unique visual interest to any collection. In cacti and succulent shows, variegates are generally compete against other variegates to put them on an equal footing. The Intercity Show gives the following guideline for showing plants in the variegated category: "Plants with 30% or more variegation may only appear in such category except for variegation in Agave, Gasteria, Sanseveria."

VARIEGATES

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



Aeonium sunburst crest

In general, variegated plants grow slower and are smaller than non-variegates of the same species. They also tend to sunburn easily and most need more sun protection than a typical member of the species. Ironically, variegates also have less shade tolerance than their non-variegated counterparts. The reason for this is that chlorophyll “soaks up” the sunlight to make food. With less chlorophyll the plant needs more light to get the same amount of food, but at the same time the more delicate tissues are exposed to the light without any protection. A good rule of thumb is simply not to grow variegates in extremely bright or dark situations. Otherwise, the care of a variegated plant is the same as for the normal form of the species. A large well grown variegate of any species is truly an achievement.

EXAMPLES OF VARIEGATED SUCCULENTS

AGAVES –

Variegates of a number of Agave species exist. One of the most fascinating is Agave lophantha ‘Quadricolor’ This cultivar exhibits multiple degrees of variegation in every leaf. The outer stripes lack chlorophyll completely, the middle stripes are fully green, but the center stripe has a partial loss of chlorophyll resulting in a pale green stripe! The fourth color in ‘Quadricolor’ is seen in the reddish teeth.



Astrophytum asterias

AEONIUM – Aeonium ‘Sunburst’ and A. ‘Kiwi’ are by far the most commonly seen Aeonium variegates in cultivation. However, attractive variegates are known from several other species such as A. castello-paivae, A. balsamiferum, and even A. tabuliforme. It should be noted that the dark purple to black cultivars such as A. ‘Atropurpureum’ and A. ‘Zwartkop’ are not considered variegates.

CACTI –

Variegates can be found in many genera. Gymnocalycium are the most often seen, especially the grafted G. mihanovichii cultivars lacking chlorophyll. Bright red, yellow, orange or even pink varieties can be seen at most nurseries and even home improvement stores. Unfortunately they are somewhat tricky to grow and most plants owned by novices die shortly after purchase. Some columnar variegates and some Ferocactus variegates are common in cultivation. The odd variegate appears in many seedling batches. Variegated Turbinicarpus, Astrophytum, Matucana and Ariocarpus have been seen at some of recent shows. These less commonly seen variegates can be quite valuable.

HAWORTHIA –

Some of the most unusual and expensive of all variegated plants can be found in Haworthia. Japanese horticulturalists have done extensive breeding on Haworthia (and the closely related Gasteria). A Google search for “Japanese Haworthia” will bring you countless websites and images of these amazing variegated cultivars. Certain variegated varieties of H. truncata can sell on Ebay for over \$1000!



Haworthia limifolia



Crested flower on *Astrophytum caput medusae*
Photo by KAREN OSTLER

PLANT Of the MONTH

N O V E M B E R



**ROXIE + JIM
ESTERLE**

AGAVE ATTENUATA

C A N D E F R I E D M A N

FEROCACTUS CYLINDRACEUS



**B R Y A N + M A R Y
C H A N**

AGAVE VICTORIA-REGINA
ALBO-MARGINATA



**F R E D D I E + J O N I C E
A N D E R S O N**

EUPHORBIA MAMMILLARIS





PLANT ^{of} the MONTH

2 0 2 2

JANUARY

Frailea
Adromischus

FEBRUARY

Monotypic
Senecio, Othonna

MARCH

Mammillaria Clusters
Aloe Clusters

APRIL

Ecobaria, Acharagma
Aizoaceae Thickened Roots

MAY

Cacti staged as miniature
Succulent staged as miniature
(Diameter of pot
NO LARGER THAN 2")

JUNE

Favorites

JULY

Discocactus
Dyckia

AUGUST

Thelocactus-Hamatocactus
Bursera

SEPTEMBER

Gymnocalycium
Euphorbia Millii type

OCTOBER

Astrophytum
Sanseveria

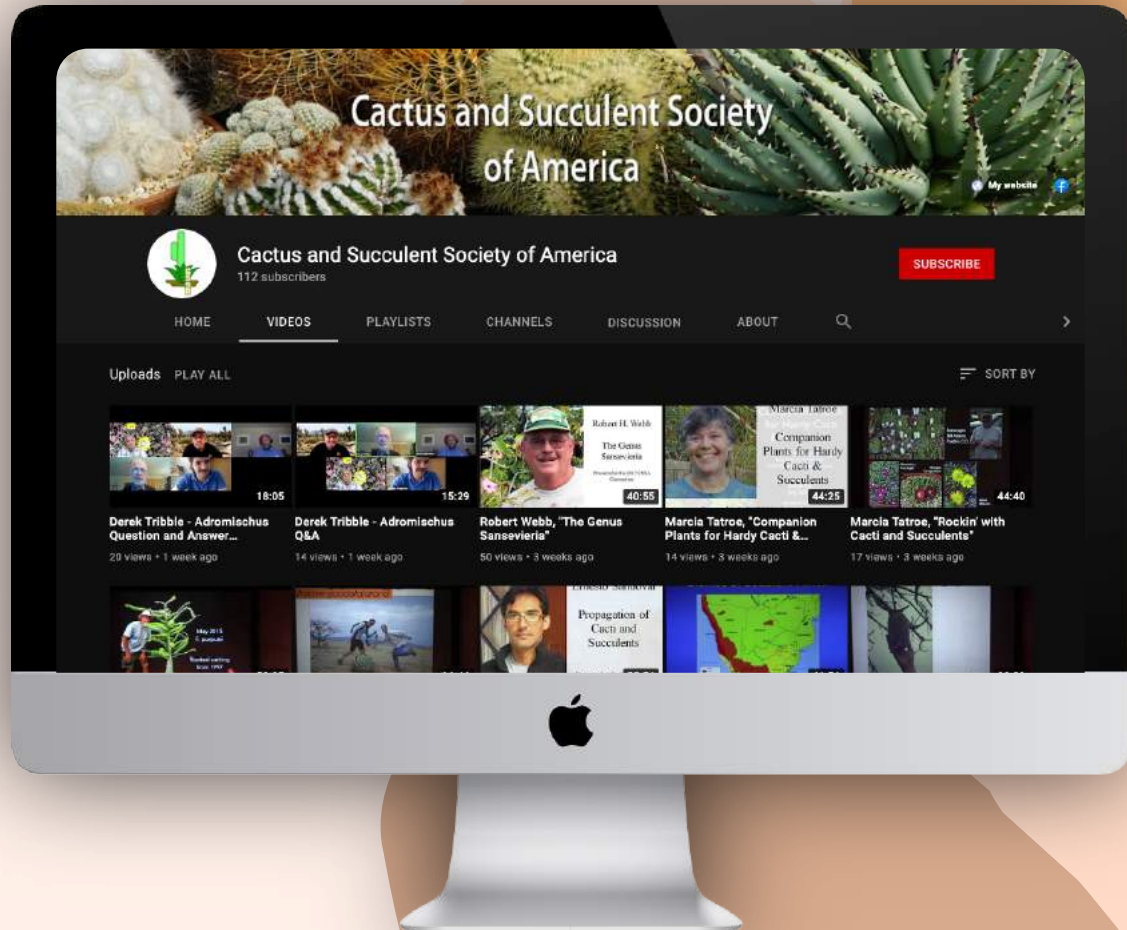
NOVEMBER

Variegated
Variegated

DECEMBER

Holiday Awards Party

D I D Y O U K N O W A B O U T T H E



Cactus and Succulent Society of America
YOUTUBE CHANNEL

visit now >

<https://www.youtube.com/channel/UCwCha5bMRsYjpeF-NljrCqA>

MEMBER BADGES

Member badges are available for pick up at our first in-person meeting or by arrangement. If you would like your badges now, please email me ropojo@pacbell.net and we can make arrangements for you to pick up at my home. These are the badges that I have ordered for renewal and new members.



DON HUNT

PLANT AND POT AUCTION

P.W. SUCCULENTS NURSERY

404 LOR LAR LANE, RAMONA, CA 92065

SUNDAY NOVEMBER 7TH, 2021 9AM – 4PM



This is an event you don't want to miss. We will be auctioning 100+ show plants and pots from the late Don Hunt cactus and succulent collection. Many of these plants are well known show winners, from the annual San Diego CSS shows, all of which are beautifully staged, and almost all are in his famous pots. Sadly enough, once these pots are gone we will no longer be able to get his creative and very popular original designs. They are now truly collectors' items.

Most of the genera represented in the specimen show plants auction will include:

Adenium, Agave, Aloe, Ariocarpus, Astrophytum, Bursera, Copiapoa, Cyphostemma, Echinocereus, Encephalocarpus, Euphorbia, Fockea, Fouquieria, Gasteria, Gymnocalycium, Haworthia, Mammillaria, Melocactus, Monodenum, Pachypodium, Stapiliads, Tephtocactus, Turbinicarpus, and many special variegates, crests and monstrous.

AUCTION SCHEDULE

*The P. W. Succulents Nursery will be open for attendees at 9:00am, (Masks Required.)

*Viewing of the auction plants will be from 9:00am to 11:00am

*Written bidding will take place from 10:00am to 11:00am.

*At the conclusion of the written bids, the top three written bidders for each item will then participate in the verbal bidding. We hope to conclude the verbal bidding by 1:00pm.

*At the conclusion of the auction, Moses Nuno will take payment for all of your auction plants & pots.

ALL PAYMENTS CAN BE MADE BY CASH, CHECK OR CREDIT CARD. ALL SALES ARE FINAL, NO RETURNS.

+ There are about 300+ smaller plants, pots & books for sale as priced. All sales are final, no returns.

+ These plants, pots & books will not be available until the auction payments are completed.

PARKING for this event will be at or near the P. W. Succulent Nursery.

*Parking at auction location is reserved for persons of limited mobility. We request all other individuals to park at the empty lot at the corner of Poplar St. & Lor Lar Ln

Signs will be posted "Auction parking here" & "Handicapped parking" at 404 Lor Lar Ln.

Please bring carrying boxes for your purchases!

+ There will be no shopping at the P. W. Succulents Nursery.

*For viewing of the P. W. plants, please contact Peter or Inacia after the auction and sales.

DESERT CREATIONS

18161 Parthenia St. Northridge CA 91325
(818) 679 6548
desertcreations.net

10% OFF TO LACSS MEMBERS

POTTERY BY KITOI

2228 Patterson Rd #99 Riverbank CA 95367
(707) 290 6548
Instagram: @kitoi
ONLINE ORDER / LOCAL PICKUP / SHIPPING AVAILABLE

SUPERB SUCCULENTS

Duke & Kazuko
SuperbSucculents.com
(805) 526 8620
Duke@SuperbSucculents.com

BY APPOINTMENT ONLY

Curbside pickup available
WE ACCEPT CREDIT CARDS, CASH, CHECKS, PAYPAL & SQUARE

SOMIS SUCCULENT SPECIALTIES

BY APPOINTMENT ONLY
(Address provided then)

CASH, CHECK, OR PAYPAL (NO CREDIT CARD)
John Matthews
jgmplants@aol.com
(661) 714 1052

RALPH MASSEY PLANTS

(818) 562 7296
BY APPOINTMENT ONLY

LA SUCCULENTS

(818) 732-0611
11226 Christy Ave
Lake View Terrace, CA 91342
(Right off the Wheatland exit on the 210 Freeway)