

Espinas y Flores

*Newsletter of the San Diego Cactus & Succulent Society
an affiliate of the Cactus & Succulent Society of America*

Volume 52, Number 1

January 2017



Happy New Year!

The next SDCSS General Meeting
Saturday, January 14th, 1:00 - 4:00

Rm 101, Casa del Prado, Balboa Park

New Member Orientation:

12:30, by Pat and Jay

January Program:

Hiding in Plain Sight: A new Cactus Species from the
California Desert, by Michelle Cloud-Hughes

Plant of the Month:

Agave victoria-reginae complex, by Kelly Griffin

Two Coffee in the Garden Events!

Saturday, January 21st, at Rick and Kevin's
Saturday, January 28th, at Norm and Linda's

(More details inside)

SDCSS Winter Show and Sale

Saturday, February 11th, 10:00 am - 4:00 pm

Sign up to become a Member at the January meeting
or at the event, and enter the sale during

"Members Only Shopping 9:00 - 10:00

More details inside

San Diego Cactus & Succulent Society

SDCSS Executive Board

President:	Chris Miller
Vice president:	Kelly Griffin
Secretary:	Mary Reiser
Treasurer:	Leslie Sheridan

SDCSS Directors

Jerry Garner	Antonina Lansangan
Jim Reiser	Brian Shepherd
Sue Thomas	Christine Vargas
Tina Zucker	

Committees & Sub Committees

Conservation:	Herb Stern
Brag table:	Tina Zucker & Denise Griffin
Plants of the Month:	Don Hunt
Summer/Winter Show:	Kelly Griffin, Bill O'Daniel, Tom Knapik
Historian:	Terry Parr
Grants:	Jerry Garner
Library:	Don Hunt
Exchange Plants/Seeds:	Michelle Heckathorn/Sara Schell
Annual sales:	Chris Miller
Auction & Holiday Plants:	Kelly Griffin
Show Auction Manager:	Peter Walkowiak
Monthly Plant Sales:	Jim DeForrest/Lynn Elliott
Monthly Supply Sales:	George & Jerry Plaisted
Benefit Drawing Table:	Collette, Kienan, & Terry Parr
Programs:	Kelly Griffin
Reception:	Susan Hopkins/Judy Walkowiak
Monthly Regalement:	Cathy Clark
Picnic Regalement:	Chris Miller

Liaisons

Balboa Park Desert Garden:	Susan Hopkins
CSSA Affiliate Rep:	Peter Walkowiak
SD Botanic Garden:	Phyllis Flehsig
SD Botanic Foundation:	George Plaisted
SD Floral Association:	Jeanette Dutton
SD Zoo Safari Park, Baja & Old World Gardens:	May Fong Ho
Palomar CS Society Liaison	Brita Miller

Membership & Publicity

Membership:	Paul & Carol Maker
Newsletter Editor:	Sue Thomas
Webmaster:	Kirsten Higgins
Publicity:	Christine Vargas

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Classifieds

Ad Circulation

Espinas y Flores is circulated among over 700 SDCSS members online and in print. It is also made available and archived permanently, for the general public's viewing.

If you would like to place an ad, please Email us at: newletter@sdcss.net



On the Cover:

Cylindropuntia chuckwallensis by
Michelle Cloud-Hughes

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Anyone interested in placing an ad may contact the SDCSS Newsletter Editor at: newsletter@sdcss.net.

Electronic communications sent directly to our members via email, is limited to Club announcements and other important information relating directly to club business and activities

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President's Message



Happy New Year to all of you. I hope you had a wonderful Holiday Season full of friends, good cheer and plants. As we move into 2017, I know we can make this a good year for SDCSS.

We had a wonderful Holiday Party on December 10th, good food, wonderful desserts and lots of plants. Over 120 members attended. Ruth Hendricks from The Huddle at Home Catering did her usual wonderful job of providing us lunch. Thank you to all of you who brought in desserts, they were yummy.

As with any event effort, you cannot have success without a lot of people volunteering. So, thanks to Jennifer Harris and her team for the wonderful centerpieces. Thanks to Herb Stern for shopping throughout the year to provide us with wine from the Wine Guy. Kudos to Kelly Griffin, Terry Parr, Peter Walkowiak, and Steven Hammer for providing the gift plants. Thanks to our potters Jerry Garner, Don Hunt and Alison Baldwin for providing pots for our gift plant table. Thanks to Sue Thomas for the articles and form in the newsletter and for putting out the e-blast to remind you. Thanks to Paul Maker for managing the web site payment for the party and notifying me when someone signed up. My thanks to the people who set up the room before I got there, the O'Daniels, Jerry Garner, Christine Vargas, Melanie Howe, George Plaisted, and whoever else helped. Thank you Cathy Clark for making coffee and managing the Dessert Table. Many thanks to Bill O'Daniel and Pam Badger for helping with the Gift Exchange. Thanks to Pam Badger and Kelly Griffin for managing the Gift Plant Drawing. Peter Walkowiak, Kelly Griffin and Ed Dellois did their usual great job at the Live Auction, with Christine Vargas and Leslie Sheridan managing the paperwork for both the Silent and Live Auction. Special thanks to Jim DeForest and Melanie Howe for giving up so much of the event to cashier for us. If I missed anyone, know that you are appreciated.

Western Cactus provided most of the plants for the auction and as always, it added a wonderful assortment for us to bid on. We also had many donations from our members for the Silent and Live Auction, along with the centerpieces that Jennifer Harris' team made. The proceeds from the auction will go towards supporting the San Diego Botanical Garden. So "thank you" to all who brought in some of your collection to share with the rest of us.

As we go into the new year, we will continue to need more volunteers to help run our events. We are currently looking for a few more people for the Library Committee. The main part of the job is to work at the meetings checking out and in books with the computer program, some maintenance of the books, and an occasional Saturday work party to clean up the collection. It is a great way to meet other members and to become familiar with the books available in our hobby. Let me know if you are interested. We will have the sign up list for the Winter Show Volunteers at the January meeting. If you can't make the meeting, send me an e-mail to let me know what you are interested in helping with.

I look forward to seeing you at the meeting. ~ Chris Miller

January Program



Hiding in Plain Sight: A new Cactus Species from the California Desert By Michelle Cloud-Hughes

Cylindropuntia chuckwallensis is a newly-described cactus found in San Bernardino, Riverside, and northern Imperial Counties, California. Michelle's presentation will describe how this historically-misidentified cholla was determined to be a distinct new species and the characteristics that distinguish it from similar cholla species. This presentation

will provide detailed information on where to see the "chucky cholla" as well as many other intriguing succulents in the same areas.

Michelle Cloud-Hughes is a botanist and restoration ecologist specializing in desert flora and ecosystems. She worked for the Soil Ecology and Restoration Group at San Diego State University from 1997 to 2013 and spent most of those years doing restoration work in the central Mojave Desert at Fort Irwin National Training Center. In 2010, she started her company, Desert Solitaire Botany and Ecological Restoration, and since then she has been involved in many rare plant surveys and other botanical and restoration projects throughout the southwestern U.S. Her main love and research focus is *Cylindropuntia*, but she is also fascinated by other cactus, particularly *Echinocereus*, *Grusonia*, *Pediocactus*, and occasionally even *Opuntia*.



Plant of the Month: *Agave victoria-reginae* complex, by Kelly Griffin

but first, a few words from Kelly...

As it goes, the first month free of the responsibility for the presidents message, I draw the duty of the Plant of the Month! I want to take this opportunity to again, thank everyone that helped to make my job as president easier. You know who you are! I hope you all enjoyed the Holiday party and if you missed it, we missed you! I also want to thank the club for the honor of "The Fellow."

I always knew I was a fellow but a confirmation is very nice. In all seriousness though I did not know about it and was pleased, surprised and honored by this gesture.

Now to my duty at hand.....



Discussing Agaves is something I do too often and is probably best done among plant friends. Nar-

rowing the focus is most appropriate for the likes of a mini talk/plant of the month.

I want to shed light on several complexes of Agaves and will start here by expanding on the *Agave victoria-reginae* complex. This group is certainly some of the finest of the genus and more varied than most might expect. It is my hope that I can impart some of my love and fascination of these plants.

Agave victoria-reginae complex consists of three species, one of which has two proposed subspecies. These are fairly clear delineations. Having seen all the known species and subspecies in nature, I can attest that this makes logical sense and can be supported given morphological differences in flower and leaf as well as other contributing factors such as differences in leaf sap chemistry, distinctly separated locals and different substrates on which they grow.

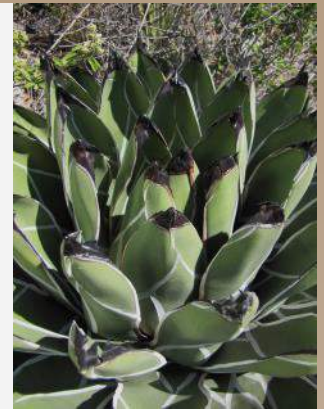


Agave victoria-reginae* ssp *victoria-reginae for plants from Haus-teca canyon, Nuevo Leon. These plants cover the steep grey limestone cliffs of that canyon and number in the tens of thousands. It even manages to grow in the river rubble in high spots. The plants here can get quite large.



Agave victoria-reginae* ssp *swobodae for plants from western Coahuila and Northern Durango. These occur on very steep brown limestone cliffs. The form "compacta" would likely fall in this group as they are certainly smaller and have a great number of leaves in a small rosette.

Agave nickelsiae (formerly *ferdinand-regis*) Plants from a single locality NE of Saltillo in Eastern Coahuila. These plants occur on low limestone hills of slight grade and this species co occurs with other *Agave* species: *A. asperima*, *A. lechuguilla*, and *A. striata*. Field hybrids of *A. nickelsiae* with *asperima* and *lechuguilla* occur here as well. *Agave nickelsiae* x *asperima* is a well known garden plant in cultivation AKA cv 'Sharkskin'



***Agave pintilla*, (pictured top left)**, plants from south-eastern Durango. Described in 2011, this is a relatively new discovery and is perhaps one of the most lovely of the entire complex. I will let pictures paint the story for this. It is interesting to note that these plants grow on river rock conglomerate which is somewhat unique in this complex at least in that they prefer to grow here. They tend to grow new plants by both seed and rhizomes. Not a bad feature for a plant that is often very delectable ~ yes I said ittasty!



Freak *Agave pintilla*



In 1875, the plant often called the Queen Agave was named to honor the queen of England: Queen Victoria. It follows that the King Agave was named for King Ferdinand Maximilian the emperor of Mexico. He was the only monarch of the second Mexican empire. This name is now lost as it was so noted and named in 1915 and the plant we had known as *A. ferdinand-regis* had been actually found and recorded and named some 20 years earlier in 1895. An interesting woman named Anna B. Nickels lived in Laredo Texas and she had a business that for the time was not only unique but ground breaking. It is reported that she would travel by train from Texas to Saltillo, hire several men and pack animals and then head into the mountains searching for interesting plants. They would gather the plants and take care to pack them in bags and secure

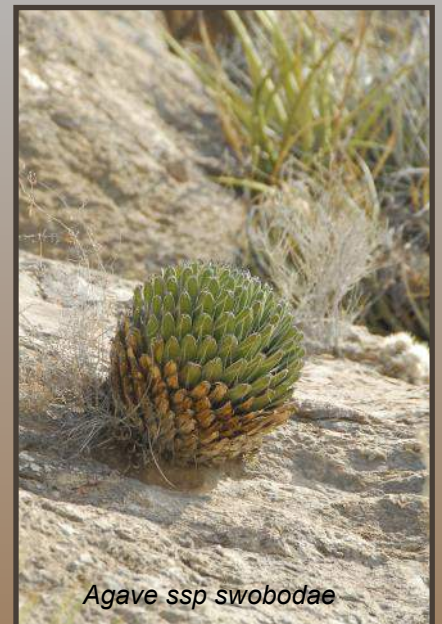
them to the animals and bring them back. She offered an interesting assortment of Mexican cacti and agaves to gardeners of the day. It was completely acceptable to dig them up and return to the US and sell them at that time of course. One of the plants she brought back and introduced was indeed the very nice plant we now rightly call *Agave nickelsiae* (*nickelsii* corrected) She was quite an interesting person*

Agave pintilla the painted Agave could easily be crowned the Princess if the others are the Queen and King. It has characteristics of both but is quite clearly distinct and some would say better than both which is to say something. I will expound on this in photos.

If I may, I would ask that you bring your best mobile variant of this complex so we can see the different forms of this and show everyone what great plants these can be. ~ Kelly



- A. *Agave victoria reginae* ssp *victoria reginae*
- B. *Agave victoria reginae* ssp *swobodae*
- C. *Agave nickelsiae*
- D. *Agave pintilla*



Good Times at the Holiday Party!



Mark your Calendar for Two January Coffee in the Garden Events!

Coffee in the Garden & Succulent Garden Party Saturday, January 21st 10am to 2pm

Rick and Kevin's home

4728 Allied Rd. San Diego, 92120
(619) 229-1125



It's time again for our succulent garden party! We've had a busy year removing a pool, pond, and very large palm which were replaced with two raised garden beds. The new beds contain small succulents freed from being imprisoned in pots for some time, elevating them for easier viewing. Retaining wall beds were greatly enlarged and now contain cacti and aloes from arid regions in one and an ever-expanding collection of *Echeveria agavoides* types and other succulents in the other. Aloes, Aeoniums, and Mesembs are beginning to bloom. *Agave bovicornuta* is in spike and other succulents are awakening from their summer slumber. Kevin has recreated some of his large mixed container plantings. Most plants are labeled in case you would like to obtain them to grow in your own landscape.



We are VERY excited to have Greg Starr visiting from Tucson, AZ. Greg was born and raised in the Sonoran Desert although he did not become a true plant-o-phile until his college days. His fascination with desert plants for landscaping lead to his first book, *Cool Plants for Hot Gardens*, which went viral and is now out of print. His second book, *Agaves: Living Sculptures for Landscapes and Containers*, is a direct result of his long-standing interest in those amazing plants. He recently co-authored

the *Field Guide to Cacti and Other Succulents of Arizona*, funded by the Tucson Cactus and Succulent Society and private donors. He travels throughout Mexico with many recent trips to Baja California researching a proposed book on the Agaves of Baja California. Greg is an advocate of mixing flowering plants with cacti and other succulents and promotes this idea whenever possible. Greg has presented talks on agaves and desert plants in general throughout the United States and will be going worldwide at Australia's Succulenticon 2018. He will be giving two short talks at this event and will have plants for sale from his nursery.

Rick has been collecting recipes again so we will have home-baked goods, appetizers, and beverages. There will be plants for sale (cash only please) as Kevin is eager to move plants to new homes since Rick keeps acquiring unusual succulents and cacti during his plant forays around Southern CA and via internet browsing. We hope you will drop by, check out the plants, meet and chat with Greg, have some refreshments, and say hello!

Coffee in the Garden

**At the Home of Norm and Linda Swanberg
January 28th, 10:00 - 1:00
14815 High Valley Rd, Poway**

My first cactus purchase was one weekend when I first moved to LA (1978). I was out and about on the Palos Verdes Peninsula near where I lived and saw a sale of cactus and succulents by the PV Society. I am a Bostonian, and all this "cactus and palm stuff" was a real novelty for me, which I explained to this sweet lady as I was making my payment for a nice little golden barrel. She looked up at me, smiled and said "You've just been bitten". If she only knew!



Three years later, I moved to Poway where I built a house in the surrounding hills. I quickly realized that the only time I stepped on the lawn I planted was to mow the lawn or fix the broken sprinkler heads I'd run over with the lawn mower. The little cactus garden with that Golden Barrel in front of the garage was about to expand... a lot!!

During the Cedar Fire, the neighbor below us burned to the ground. In the Witch Creek fire, the neighbor above us and 27 other houses in the neighborhood. A major factor for our survival in the Cedar fire was the ring of Cactus and succulents we had planted around the perimeter. We doubled down after the fire, despite the fact that we never believed that another, more devastating fire, the Witchcreek, was not far behind.

My wife and I love our yard as a source of beauty and a source of relaxation. The never ending blooms are a constant source of pleasure, the hummingbirds and butterflies are a delight, and our favorite activity is walking around the yard with a glass of wine at the end of the day, waiting for the sun to set.



2016 Volunteer Awards



Kathy & Steve Harris ~ Life Members

Kathy and Steve's contribution to SDCSS over the years has made a difference to the whole organization. When we needed someone on short notice to take over the newsletter, they did and maintained the newsletter for several years. When they were done with the Newsletter, they went on to join the Library Committee. Over the last few years they have helped clean up the book collection, bar coded the books and helped establish the current system to check out books. We have better control of our book collection due to their efforts. They also support us during major Show and Sale events by greeting customers, signing up new members, working security and show support.

Peter Walkowiak ~ Life Member

Peter's support of our major Shows has enhanced the quality and size of our events. The quality of his plants has encouraged our members to try to grow plants they might not have. He has acted as Auction Chair, spent 4 years as Vice President and 4 Years as a Director. As a vendor he brings a wide selection of Euphorbias and other interesting plants to our sales. He is an Ambassador to other Succulent organizations across Southern California and Arizona. He also was our CSSA Representative for many years and is currently a Director, voicing our needs at the CSSA Board meetings.



Kelly Griffin ~ SDCSS Fellow

Kelly's work in hybridizing plants is known nationally and internationally. He has developed some incredible colorful and toothy Aloe hybrids among other strange and interesting plants. His work in plant tissue cultivation has added significantly to the industry. Kelly is a world traveler, going to the plants in habitat and building relationships with important plant experts around the world. He has brought world class speakers to SDCSS and CSSA. His travels have provided us with great programs. He also works as an ambassador to other organizations sharing his programs and representing SDCSS. His contributions to the Succulent hobby qualify him as a SDCSS Fellow.

Charles Ramey ~ Volunteer of the Year

Chuck has had a significant impact on our major sales by improving and manning the process for the unpaid holding areas at the Winter and Summer Sales. It has increased security for the customers and increased sales for SDCSS. Chuck also is there to help wherever we need him at meetings and events.



Denise Huntsman-Griffin ~ Volunteer of the Year

Denise's contribution over the last four years has been her articles on various members. It was an idea she came up with and ran with. Getting to know a bit about each other helps us to bond as a organization. She also works as a cashier during our sales and supports us where we need help. Her greatest contribution has been to keep Kelly on track.



VOLUNTEER FOR THE WINTER SHOW!

Make the show a success! Volunteer to help out in one of the following areas:

Setup: Fri afternoon & evening, set up tables in the show and sales areas. Assist people bringing in show plants

Security: Saturday, patrol the show area to ensure the show plants are not tampered with. Patrol the sales area to ensure plants are carried through the cashiers.

Sales Assistant: Saturday, work with the cashiers to keep the sales line moving efficiently. Box up purchased plants.

Judges Clerks: Saturday, assist during judging of show plants. Learn how plants are judged

Greeters: Saturday, welcome people to the show. Sign up new members

Plant Holding: Saturday, watch purchased plants while buyers view the show

Breakfast/Luncheon: Bring a dish to share with your fellow volunteers

Cleanup: After the show closes, break down tables and canopies. Sweep the sales area and restore areas to preshow conditions

Volunteering to work the show is a great way to get to know your fellow club members and make new friends. It's also a fun learning experience. Sign up at the January meeting to make this a spectacular Winter Show!

~ Susan Hopkins, Volunteer Coordinator



The San Diego Cactus & Succulent Society presents its...

2017 Winter Show and Sale

Saturday, February 11th

10:00 am - 4:00 pm

Members Only shopping from 9:00 - 10:00 am

Room 101 and Adjacent Patio area

Casa del Prado, Balboa Park

FREE Event!
Open to
the Public

The Show

Unusual and Exotic Plants on Display
Highlighting Winter Growers from around the World
Novice, Intermediate, & Expert Growers

Plant and Pottery Sale

Small Plants & Specimen Plants
Landscape Plants for Arid Gardens
Beautiful Handmade Pottery



Euphorbia buruana grandicornis
by Peter Walkowiak

For additional information visit: www.sdcss.net

2017 SDCSS Winter Show Schedule, Awards, and Rules

Schedules:

Friday, February 10th

12 Noon to 10pm: Set up. **BRING IN YOUR SHOW PLANTS** from 2pm to 9:30pm

Saturday, February 11th

8:00am to 10:00am	Setup, OUT-OF-TOWNERS, BRING IN YOUR PLANTS!
9:00am to 10:00am	Sales open to members only
10:00am	Sales open to public
10:00am	Show Opens
10:00am to 11:00am	Judging, open to the public, show area being judged is closed
4:00pm	Show and Sales Close

Competition Levels:

NOVICE: PINK Entry cards - Fewer than 10 Blue Ribbons won in judged competition.

INTERMEDIATE: ORANGE Entry Cards - 10+ Blue Ribbons won in judged competition.

OPEN: PURPLE Entry Cards - Vendors and anyone else.

NON-COMPETITIVE: White Entry Cards - Open to anyone who wants to show off a plant.

Awards

A hand-crafted pot and a certificate suitable for framing will be given to BEST CACTUS, BEST SUCCULENT and BEST WINTER-GROWER plants in the NOVICE, INTERMEDIATE and OPEN Levels, and to the BEST OF SHOW plant (NOVICE or INTERMEDIATE or OPEN) First, Second, and Third Place Ribbons will be awarded in all categories for both Novice, Intermediate, and Advanced entrants.

Rules:

1) Participants must be members of the SDCSS.

2) Entries must be in the possession of exhibitors for at least six months. Plants must be clean, (no weeds or debris), healthy (no insects, disease or pesticide odor) and dry. Plant labels should be removed or hidden. Exhibitors are responsible for placing entry cards with plants prior to judging. The show committee may remove any entry that detracts from or jeopardizes the health of other entries.

3) Plants must be individually potted specimens except for the category 'Dish Gardens.'

4) Depending on number of entries, prior to judging, the show committee may combine or divide categories and rearrange entries. The show area will be PARTIALLY closed during judging, on a section-by-section basis. Judging will be open to the public. Plants must remain until the end of the show.

5) Entries are judged on:

- Condition, size, maturity and difficulty of culture: 70%
- Staging - pot, top dressing, arrangement, cleanliness: 25%
- Nomenclature: 5%

Awards are given only if the judges believe they are merited, and all decisions are final.

6) The SDCSS and show committee will take due care to safeguard entries but cannot be held responsible for damage to, or loss of, plants and property.

Show Forms

To View/Print Show forms, please click on the applicable link below:

[Show Awards/Rules/Schedule](#)

[Plant Classes](#)

[Plant Classes in Alphabetical Order](#)

PLANT CLASSES

Winter Show February 11, 2017

DIVISION 1: CACTACEAE

North American Cacti

- 1) *Ariocarpus*, *Astrophytum*
- 2) *Aztekium*, *Pelecypora*, *Epithelantha*,
Strombocactus, *Obregonia*,
Encephalocarpus, *Ortegocactus*
- 3) *Coryphantha*, *Escobaria*, *Neobesseya*,
Neolloydia, *Leuchtenbergia*
- 4) *Gymnocactus*, *Turbinocarpus*, *Stenocactus*
- 5) *Echinocereus*
- 6) *Echinocactus*, *Ferocactus*, *Hamatocactus*
- 7) *Mammillaria*; hooked spines
- 8) *Mammillaria*; straight spines
- 9) *Thelocactus*, *Sclerocactus*, *Pediocactus*

South American Cacti

- 10) *Blossfeldia*, *Frailea*, *Uebelmannia*,
Buiningia, *Discocactus*, *Melocactus*

- 11) *Copiapoa*
- 12) *Echinopsis*, *Lobivia*
- 13) *Eriosyce*, *Neochilenia*, *Neoporteria*,
Pyrrhocactus, *Horridocactus*
- 14) *Gymnocalycium*, *Acanthocalycium*, *Notocactus*,
Parodia
- 15) *Rebutia*, *Sulcorebutia*, *Weingartia*
- 16) *Matucana*, *Submatucana*, *Oroya*, *Borzicactus*

Other Cacti

- 17) Ceroids, columnar types
- 18) Opuntioides
- 19) Epiphytic cacti
- 20) Variegates, crests and monstrose
- 21) Other Genera

DIVISION 2: NON-CACTUS SUCCULENTS

Aizoaceae

- 22) *Lithops*
- 23) *Conophytum*
- 24) *Pleiospilos*, *Titanopsis*,
Dinteranthus, *Faucaria*
- 25) *Mestoklema*, *Aloinopsis*, *Trichodiadema*

Asphodelaceae

- 26) *Aloe species*
- 27) *Aloe hybrid*
- 28) *Gasteria*
- 29) *Haworthia*, *Astroloba*

Crassulaceae

- 30) *Cotyledon*, *Tylecodon*
- 31) *Crassula*, *Kalanchoe*
- 32) *Dudleya*
- 33) *Echeveria*
- 34) *Pachyphytum*, *Graptopetalum*, *Tacitus*
- 35) *Aeonium*
- 36) *Sedum*
- 37) *Adromischus*

Euphorbiaceae

- 38) *Euphorbia*, Madagascar
- 39) *Euphorbia*, Africa
- 40) *Monadenium*, *Jatropha*, *Pedilanthus*, Other
Euphorbiaceae

Geraniaceae

- 41) *Pelargonium*, *Sarcocaulon*

Apocynaceae

- 42) *Adenium*
- 43) *Pachypodium*

Asclepiadaceae

- 44) *Caralluma*, *Hoodia*, *Huernia*, *Stapelia*
- 45) *Fockea*, *Petopentia*, *Raphionacme*,
other *Asclepiadaceae*

Agavaceae

- 46) *Agave*
- 47) *Nolina*, *Yucca*, *Beaucarnea*, *Calibanus*, other
Agavaceae

Asteraceae

- 48) *Senecio*
- 49) *Othonna*

Bromeliaceae

- 50) *Abromeitiella*, *Dyckia*, *Hechtia*
- 51) *Tillandsia*

Burseraceae

- 52) *Bursera*, *Commiphora*

Didiereaceae

- 53) *Alluaudia*, *Didierea*

Dracaenaceae

- 54) *Sansevieria*, *Dracaena*

Moraceae

- 55) *Ficus*, *Dorstenia*

Portulacaceae

- 56) *Avonia*, *Anacampseros*, *Ceraria*

Caudiciforms, Pachycauls, Geophytes

- 57) *Bombax*, *Cucurbits*, *Fouquieria*,
Dioscorea, *Pachycormus*
- 58) Other Genera
- 59) Bulbs
- Other Succulents**
- 60) Variegates, crests and monstrose
- 61) Succulent bonsai
- 62) Seed grown by exhibitor, cactus or succulent
- 63) Dish Gardens

Plant Classes (Alphabetical), Winter Show, February 11, 2017

Genus	Class	Genus	Class	Genus	Class
<i>Abromeitiella</i>	50	<i>Dorstenia</i>	55	North American Cacti	1 - 9
<i>Acanthocalycium</i>	14	<i>Dracaena</i>	54	<i>Notocactus</i>	14
<i>Adenium</i>	42	Dracaenaceae	56	<i>Obregonia</i>	2
<i>Adromischus</i>	37	<i>Dudleya</i>	32	<i>Opuntioides</i>	18
<i>Aeonium</i>	35	<i>Dyckia</i>	50	<i>Oroya</i>	16
Agavaceae	46 - 47	<i>Echeveria</i>	33	<i>Ortegocactus</i>	2
<i>Agave</i>	46	<i>Echinocactus</i>	6	other Agavaceae	47
Aizoaceae	22 - 25	<i>Echinocereus</i>	5	other Asclepiadaceae	45
<i>Alluaudia</i>	53	<i>Echinopsis</i>	12	Other Cacti	17 - 21
<i>Aloe hybrid</i>	27	<i>Encephalocarpus</i>	2	Other Cactus Genera	21
<i>Aloe species</i>	26	<i>Epiphytic cacti</i>	19	other Euphorbiaceae	40
<i>Aloinopsis</i>	25	<i>Epithelantha</i>	2	Other Succulent Genera	58
<i>Anacampseros</i>	56	<i>Eriosyce</i>	13	<i>Othonna</i>	49
Apocynaceae	42 - 43	<i>Escobaria</i>	3	Pachycauls	57
<i>Ariocarpus</i>	1	<i>Euphorbia</i>	38	<i>Pachycormus</i>	57
Asclepiadaceae	44 - 45	<i>Euphorbia</i>	39	<i>Pachyphytum</i>	34
Asphodelaceae	26 - 29	Euphorbiaceae	38 - 40	<i>Pachypodium</i>	43
Asteraceae	48 - 49	<i>Faucaria</i>	24	<i>Parodia</i>	14
<i>Astroloba</i>	29	<i>Ferocactus</i>	6	<i>Pedilanthus</i>	40
<i>Astrophytum</i>	1	<i>Ficus</i>	55	<i>Pediocactus</i>	9
<i>Avonia</i>	56	<i>Fockea</i>	45	<i>Pelargonium</i>	41
<i>Aztekium</i>	2	<i>Fouquieria</i>	57	<i>Pelecypora</i>	2
<i>Beaucarnea</i>	47	<i>Frailea</i>	10	<i>Petopentia</i>	45
<i>Blossfeldia</i>	10	<i>Gasteria</i>	28	<i>Pleiospilos</i>	24
<i>Bombax</i>	57	Geophytes	57	Portulacaceae	56
<i>Borzicactus</i>	16	Geraniaceae	41	<i>Pyrrhocactus</i>	13
Bromeliaceae	50 - 51	<i>Graptopetalum</i>	34	<i>Raphionacme</i>	45
<i>Buiningia</i>	10	<i>Gymnocactus</i>	4	<i>Rebutia</i>	15
Bulbs	59	<i>Gymnocalycium</i>	14	<i>Sansevieria</i>	54
<i>Bursera</i>	52	<i>Hamatocactus</i>	6	<i>Sarcocaulon</i>	41
Burseraceae	52	<i>Haworthia</i>	29	<i>Sclerocactus</i>	9
<i>Calibanus</i>	47	<i>Hechtia</i>	50	<i>Sedum</i>	36
<i>Caralluma</i>	44	<i>Hoodia</i>	44	Seed grown by exhibitor,	
Caudiciforms	57	<i>Horridocactus</i>	13	cactus or succulent	62
<i>Ceraria</i>	56	<i>Huernia</i>	44	<i>Senecio</i>	48
<i>Ceroids, columnar</i>	17	<i>Jatropha</i>	40	South American Cacti	10 - 16
<i>Commiphora</i>	52	<i>Kalanchoe</i>	31	<i>Stapelia</i>	44
<i>Conophytum</i>	23	<i>Leuchtenbergia</i>	3	<i>Stenocactus</i>	4
<i>Copiapoa</i>	11	<i>Lithops</i>	22	<i>Strombocactus</i>	2
<i>Coryphantha</i>	3	<i>Lobivia</i>	12	<i>Submatucana</i>	16
<i>Cotyledon</i>	30	<i>Mammillaria; hooked spine</i>	7	<i>Succulent bonsai</i>	61
<i>Crassula</i>	31	<i>Mammillaria; straight spine</i>	8	<i>Sulcorebutia</i>	15
Crassulaceae	30 - 37	<i>Matucana</i>	16	<i>Tacitus</i>	34
Crests, cacti	20	<i>Melocactus</i>	10	<i>Thelocactus</i>	9
Crests, Succulent	60	<i>Mestoklema</i>	25	<i>Tillandsia</i>	51
<i>Cucurbits</i>	57	<i>Monadenium</i>	40	<i>Titanopsis</i>	24
<i>Didierea</i>	53	Monstrose, Cacti	20	<i>Trichodiadema</i>	25
Didiereaceae	53	Monstrose, Succulent	60	<i>Turbinocarpus</i>	4
<i>Dinteranthus</i>	24	Moraceae	55	<i>Tylecodon</i>	30
<i>Dioscorea</i>	57	<i>Neobesseyia</i>	3	<i>Uebelmannia</i>	10
<i>Discocactus</i>	10	<i>Neochilenia</i>	13	Variegates, Cacti	20
Dish Gardens	63	<i>Neolloydia</i>	3	Variegates, Succulent	60
Division 1: Cactus	1 - 21	<i>Neoporteria</i>	13	<i>Weingartia</i>	15
Division 2: Succulents	22 - 61	<i>Nolina</i>	47	<i>Yucca</i>	47

Other Upcoming Events

Tour the Old World and Baja Gardens, San Diego Safari Park on Saturday February 18th

The volunteers of the San Diego Zoo Safari Park Old World and Baja Gardens have arranged a free day to visit all the gardens and Safari Park. We will be there to show you around and answer questions between 9 and 11 A.M. You will have access to other gardens near ours, the California Native and Bonsai gardens. With the guest passes, you also get in to the rest of the park until closing at 5 pm.

- * Zoo members and volunteers can get in for free.
- * For non-Zoo members, we are asking Zoo members and volunteers to donate guest passes for them, and the Safari Park will provide a limited number more.
- * Parking is \$12.

Photo by Susan LaFreniere, used with permission of the San Diego Zoo Safari Park

By Tuesday January 31, contact Susan LaFreniere at (760) 317-5764 or susanlafreniere@gmail.com if: #1 you can donate guest passes, or #2 you need a guest pass. Please get donated passes to me by January 31st.

Passes can be collected at the January meeting or they can be mailed to me at 3102 Pomegranate Ct, Escondido, CA 92027. Susan La Freniere

*** This year, passes will be handed out at a table near the Safari Park entrance on the day of the event. If you need a guest pass, your name has to be on a list provided to the park. ***

Ed Case's Moving Sale

Saturday January 7th, 10 to 2
2399 Bancroft Drive, Spring Valley
Follow the Signs



Ed Case, a previous member and volunteer for SDCSS is moving to Michigan and needs to find new homes for his large collection of plants. He has plants in pots and in the ground for sale. Some very nice large specimens as well as smaller plants.

The Annual CSSA Desert Forum is coming soon! Annie Morgan will be coordinating a field trip. Look for an eBlast with detailed information, coming soon.

CSSA 2017 DESERT FORUM at The Huntington Botanical Garden Saturday, January 14th

Schedule of Events

- 9:00 – 9:45 **Registration**
Please bring your CSSA or affiliated club badge or membership card for admission. In order to receive free admission, you must arrive by 9:45. Late arrivers will need to pay for Huntington admission.
- 9:00 – 11:00 **Desert Garden.** Knowledgeable staff and docents will be stationed throughout. The Desert Garden and Desert Conservatory Aloes will be flowering
- 11:00 – 1:00 **Plant Sales – (exclusively for CSSA and club members).** Gate opens by the Teaching Greenhouse at 11:00 for plant sales - **Please, no early bird shopping, and no shopping after 1:00.** Cash, checks, and credit cards accepted
- 1:00 – 5:00 **Free Time** - Attendees are welcome to tour the gardens and galleries as of 10:00 am
- Lunch:** The Café in the visitor center features a variety of sandwiches, salads, and grilled items. The Tea Room at Liu Fang Yuan is a nice option for fresh Chinese food. The coffee shop by the bookstore offers a small selection of pre-made options.

Member Photos

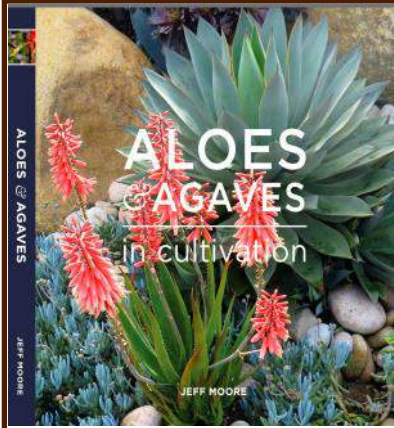


Mammillaria theresae,
Durango, Mexico,
by Kelly Griffin



Orbea variegata
By Collette Parr

A Book Review by Don Hunt

"Aloes and Agaves in Cultivation" by Jeff Moore

This is Jeff's second book, the first being "Under the Spell of Succulents." Where that book was a great general look at the hobby overall, this is a general look at two more specific groups - aloes and agaves. While the demand for xeriscape is increasing, it's still a niche market. If you're part of that market, you need this book. If you have garden space and are contemplating a low-water garden, you need this book. If your "garden" is like mine, and you are in the moving and removing phase, you really need this book. As the librarian for the San Diego Cactus and Succulent Society, I've learned that when books like this come along you should buy them. They don't stay available forever.

There are only two things in books: words and pictures. One thing I would say about this book is that the balance of words and pictures is very pleasing. I don't like to see a lot of "white space" in a book. I would also say that the pictures take precedence, but I find myself not skipping a lot of the captions and descriptions. They are unfailingly informative and written in an easy-to-read style that is concise and decidedly not boring. Whether a plant gets a two-page spread or just a few sentences, I feel like I have enough information to start understanding it and whether or not it might be a good choice for my garden. Additionally, I really like the pictures in this book. The color saturation is great, the focus is sharp, and the composition rocks. As an example, I'm sitting here looking at a two-page spread on *Aloe dichotoma* that has an almost full-page picture from trunk to crown balanced by blooming aloes on either side, along with a close-up of the textured trunk and a picture of an aloe in full screaming bloom. Nice!

This book isn't intended to be an exhaustive list of either species plants or hybrids. It is designed to be a practical, useful guide to the plants that are usually the centerpiece of any garden in which they are placed - agaves and aloes. It's also a source of inspiration and plant envy. Since Jeff owns and operates Solana Succulents, the focus is primarily Southern California and plant's preferences to our microclimates.

A copy of this book will be available for loan in the SDCSS Library, in January.

SDCSS MEMBERSHIP APPLICATION / RENEWAL FORM

Dues are \$15.00 per year per individual, and \$5.00 per year for each additional household member. The Newsletter is emailed. Mailed paper copies are available for an additional \$10 a year. Each member has all the rights and benefits of the organization. **Please fill in all blanks and PRINT CLEARLY!** Thank you!

Type of Membership (please check one): New _____ Renewal _____
 Annual Membership Dues (E-mail Newsletter): \$15.00 _____
 Add USPS delivery (Paper Newsletter): \$10.00 _____
 Annual Dues – International (Paper): \$30.00 _____
 Additional Household Member(s) each: \$ 5.00 _____
 Amount Enclosed: \$ _____

Member Information: (Please PRINT to fill in ALL blanks below!)

Name: _____
 Address: _____
 City and State: _____ Zip + 4: _____
 Phone Number: (_____) _____ Cell/FAX: (_____) _____
 Email Address: _____
 Additional Household Members: _____

Do you wish to receive E-mail notifications of Club events and issues? Yes _____ No _____
 Mail this form or a copy, along with a check or money order in US Funds, payable to SDCSS to:

SDCSS Membership Dept, c/o Paul Maker
 1245 San Pablo Drive, San Marcos, CA 92078

CACTUS AND SUCCULENT CALENDAR OF UPCOMING EVENTS FOR 2017

FEB. 11	SAN DIEGO CACTUS & SUCCULENT SOCIETY WINTER SHOW/SALE, BALBOA PARK, RM 101, SAN DIEGO, CA Info: 858-382-1797 or www.sdcss.net
MAR. 23-25	Orange County Cactus & Succulent Society Spring Show/Sale, Thurs. 23 rd , 6-8pm; Fri. 24 th , 7-9pm; Sat. 25 th , 9am -5pm, 1000 S. State College Bl., (Anaheim United Methodist Church) Anaheim, CA INFORMATION CALL 562-587-3357
APR. 8-9	SOUTH COAST CACTUS AN SUCCULENT SOCIETY SHOW & SALE SOUTH COAST BOTANICAL GARDENS, 26300 CRENSHAW BLVD., PALOS VERDES, CA INFO: 310-378-1953 http://www.southcoastcss.org
APR. 23	HUNTINGTON PLANT SALE 10 TO 4:30 HUNTINGTON BOTANICAL GARDENS, 1151 OXFORD ROAD, SAN MARINO, CA. 626-405-3504
MAY 5-6	SUNSET CACTUS AND SUCCULENT SOCIETY SHOW AND SALE VETERANS MEMORIAL CENTER, GARDEN ROOM 4117 OVERLAND AVE., CULVER CITY, CA. INFO. 310-822-1783
MAY 7	SOUTH BAY EPIPHYLLUM SOCIETY SHOW AND SALE---9am to 4pm, SOUTH COAST BONTANICAL GARDENS, INFO. 310-833-6823
MAY 12-13	GATES CACTUS AND SUCCULENT SOCIETY 35TH SHOW AND SALE FRI & SAT 9-4:30 pm, at LAND SCAPES SOUTHERN CALIFORNIA STYLE 450 E. ALESSANDRO BLVD., RIVERSIDE, CA INFO. 951-360-8802
MAY 20-21	LONG BEACH CACTUS CLUB PLANT SHOW AND SALE 10-4 pm RANCHO LOS ALAMITOS, 6400 BIXBY HILL ROAD, LONG BEACH, CA INFO. 562-631-5876
MAY 27-28	CENTRAL COAST CACTUS & SUCCULENT SOCIETY ANNUAL SHOW & SALE (10-4PM), LUDWICK CENTER, 864 SANTA ROSA SAN LUIS OBISPO, CA – INFO. 805-237-2054, www.centralcoastcactus.org
JUNE 3-4	SAN DIEGO CACTUS AND SUCCULENT SOCIETY-- SUMMERSHOW & SALE, BALBOA PARK, ROOM 101, SAN DIEGO, CA I NFO. 858-382-1797
JUNE 10-11	LOS ANGELES CACTUS and SUCCULENT SOCIETY PLANT SHOW AND SALE JUNE 10 9-5—11th 9-3, SEPULVEDA GARDEN CENTER, 16633 MAGNOLIA BLVD., ENCINO, CA. INFO. www.lacss-show.com
JUN. 30-JUL 2	CSSA ANNUAL SHOW AND SALE –HUNTINGTON BOTANICAL GARDENS, 1151 OXFORD ROAD, SAN MARINO, CA. 626-405-3504 PLANTS SALES START JUNE 30TH THRU JULY 2 ND . SHOW OPENS JULY 1ST THUR JULY 2ND
JULY 20-22	ORANGE COUNTY CACTUS AND SUCCULENT SOCIETY SUMMER SHOW AND SALE. THURS. 20TH 6-8pm, FRI. JULY 21ST 9am-7pm, SAT. 22ND 9-5pm 1000 S. State College Bl., (Anaheim United Methodist Church) Anaheim, CA INFORMATION CALL 949-212-8417
JULY 26-31	CSSA CONVENTION, TEMPE, AZ.
AUG. 12-13	32ND ANNUAL INTERCITY SHOW AND SALE AT THE LA COUNTY ARBORETUM, 9am-5pm daily. 301 NO. BALDWIN AVE., ARCADIA, CA. INFO. CALL TOM GLAVICH 626-798-2430 or ARTIE CHAVEZ 818-482-8795
SEPT. 2	HUNTINGTON BOTANICAL GARDENS SUCCULENT SYMPOSIUM, ALL DAY AT THE HUNTINGTON 626-405-3504
SEPT. 3	LONG BEACH CACTUS CLUB ANNUAL PLANT AUCTION -12-5PM, RANCHO LOS ALAMITOS, 6400 BIXBY HILL ROAD, LONG BEACH, CA 90615, INFO. 562-631-5876
Oct. 7-8	BAKERSFIELD CACTUS and SUCCULENT SOCIETY SHOW & SALE SAT. 10-5---SUN. 11-3 ST. PAUL’S CHURCH, 2216 17th STREET BAKERSFIELD, CA 93304 FREE ADDMISSION & PARKING, INFO 661-8318488
OCT. 21-22	PALOMAR SHOW AND SALE SAT 9-5, SUN 10-4, SAN DIEGO BOTANIC GARDENS, 230 QUAIL GARDENS ROAD, ENCINITAS, CA, INFO hciservices@gmail.com . 858-382-1797
NOV. 4-57	SAN GABRIEL CACTUS AND SUCCULENT SOCIETY 9am-4pm BOTH DAYS, SHOW AND SALE -LA COUNTY ARBORETUM 310 NO. BALDWIN, ARCADIA, CA MANNY RIVERA 626-780-6957 or JOHN MATTHEWS 661-714-10