



Mammillaria thornberi

Espinas y Flores

The Newsletter of the San Diego Cactus & Succulent Society
Affiliated with the Cactus and Succulent Society of America

Volume 49 Number 6

July 2014



General Meeting 12 July 2014 in Room 101 Casa del Prado in Balboa Park at 1pm
Guest Speaker is Doug Dawson on South African Plants with an Emphasis on Lithops
Plant of the Month is *Copiapoa* by Phyliss Flechsig
Pre-Meeting Workshop will be Sowing Summer Growing Seeds by Peter Walkowiak from 11 to 12
New member Orientation at 12:30 with Wendy Goldman

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President's Message

What another great Summer Show we had and we somehow made it through it all. Our Summer Show is larger than life. I marvel at how it all comes together.

I wish to thank so many who helped in the set up and running of this event. The always friendly greeting duties handled by Candy Garner, Kathy Harris, Wendy Goldman, Jeannette Dutton, Donna Couchman, Penny Sommerville, Allen Clark, and Brock. Stephanie also put out our signs.

I want to especially thank Jerry Garner, Don Hunt, Bill O'Daniel, Chris Dawson, Lee Badger and Michael Fernandez. The set up crew worked so hard to deal with our new parameters for the shade cloth. We appreciate all you did and will be sure to make this a different experience next sale.

I want to thank Show Chair, Peter Walkowiak for all the hours organizing and directing the Show and who was there on Friday and still there late taking it down long after it was over and racing to beat the tropical fish people! The trophy stage looked terrific this year! Thank you.

Show coordination ~ Susan Hopkins, and Paul and Carol Maker for their help in making the judging go smoothly.

A shout out to our Show clerks too.....Sara Shell, Suzy Perkins, Steve Harris, Denise Griffin, Bill and Jean O'Daniel, and Wendy Goldman.

The tough crew that handled the register duties.....what a difficult job that can be when you have record sales to boot. Thanks to Jim Deforest and his crew, Joe Kratz, Linda Stewart, Michele Heckathorn, Cathy Clark, Beth Dargan, Denise Griffin, Lynn Elliott, Melanie Howe, Diane Richards, Linda Hunt, Diane Tigner, Brita Miller, Frank Lazoya and Suzy Perkins. This job so important and you did so well keeping the lines going down.

A big thank you to all those that helped with Security, Jerry Markle as Security Chair, Sandy Wetzel-Smith, Penny Sommerville, Rich Ryan, John Williams, Chris Dawson, Jared Kooiker, Allen Clark, Brian Sheppard (thank you for leaving your Agave home but still a *A. utahensis* won best Agave and it wasn't mine! Ahh next year!) and all threst of the security team. Bev and Art for their part on Sunday and Art ~ sorry your birthday interfered with our show!

Thank you ~ Plant Guards, Sheldon Lisker, Stan Verkler and Eddy Livermart.

The Kitchen crew....Pam Badger, loving the chili still! and Jennifer Harris. Judges dinner thank you Kienan Parr for making it happen cash in hand!!!

I want to thank all my fellow Board Members for all the work in planning and execution for this show and sale, may the luck of the Irish be with you!

Thank you Paul Maker for all you do in programing and over seeing some really difficult tasks in both the registers and the show stat tabulation. Your help is way beyond all possible expectations! We are so lucky to have you and Carol in our club.

I want to thank Chris Miller, Mark Fryer, Tom Knapik, Michael Fernandez and Michael Buckner for sticking around, taking down the shade cloth and making the hard clean up task just that much easier!

To George Plaisted and the O'Daniels helping out in so many areas...THANK YOU!

Thank you Christine Vargas for keeping track of all we do and following up on all the little boo boos we make and fixing them!

Finally, Chris Miller for yet another great Sale event! You always come through! Thanks for keeping us on track!

President's Message (Cont)

Special thanks to Wendy Goldman for running our Sunday Auction and to the people who donated plants to the Auction.

I know for certain I am missing people, If I overlooked your volunteer service....It is on me....You are much appreciated ~ just let me know OK? Also if you did not get your script for your volunteer effort, **See me at the next meeting and we will fix that!**

At our July meeting we will have Doug Dawson back from Tucson to present a program on South Africa with a special bit of cultural advice on the Genus Lithops. He is a fine grower of this Genus and will share what he knows and his tricks to understanding and growing this group. See the write up and be sure to attend. Tell your friends and be sure to mark the calendar for July 12th.

See you all soon, Kelly Griffin



Program: South African Plants with an Emphasis on Lithops

Doug Dawson

Doug is a retired math professor and does extensive botanical travels to areas of the world where succulents grow. These include Mexico, Chile, Argentina, Yemen, Socotra, and Africa as well as Arizona. In recent years, he has organized 8 botanical exploratory trips to South Africa and Namibia, camping on local farms and public areas by night and exploring the surrounding mountains and hills by day.



For many years, one of his key interests has been seed-growing of cacti and succulents. Other interests are photography and PowerPoint presentations with succulent content. He has delivered many workshops and speaking engagements in Arizona and other states.

To aid in his travels, he has a background in languages. These include German and French. Nowadays Afrikaans has become a much more useful language for him in rural South African areas.

Doug's private plant collection has an emphasis on seedlings, lithops, other mesembs, Arizona natives, and other cacti. He is a member of the CSSA, Central Arizona Cactus and Succulent Society, the Tucson Cactus and Succulent Society, and the Desert Botanical Garden.



From the Sales Chair

Thanks to all the Vendors who participated in this event. Without the Vendors we don't have sales and we don't have the funds to operate this organization. Thanks to the Customers who made this a success for the Vendors and SDCSS. Thanks to the Cashier Team for a job well done, keeping the lines moving. Thanks to the Security Team for keeping the flow moving smoothly. Thanks to everyone for bring in boxes and thanks to Chris Dawson for keeping it organized. Thanks to Stephanie Brock for putting out the signs. Special thanks to the team who put up the shade cloth and lived to tell the tale. Chris Miller

COPIAPOA

By Phyllis Flechsig



A cactus that is easy to grow and that blooms readily (as long as you like yellow flowers) is one in the genus *Copiapoa*, native to the Atacama Desert of northern Chile. They have been, for me, easily grown from seed or cuttings and not at all prone to rot, accepting regular watering in warm weather even though they are native to one of the driest regions on the planet. There are about two dozen species. Most cluster readily but stay low; I have seen photos of plants in habitat that have grown into huge, sprawling masses, always close to the ground; judging by the growth rate of my cultivated plants, which are not huge after 30 years of regular feeding and watering, those habitat plants must be very old indeed. They are named for the Chilean city of Copiapó, which is near their native area.



Their heads are generally 3-4 inches across, usually quite spiny. *C. laui* is the smallest, spreading into a sort of ground cover, with very short spines. Many retreat into the ground to some extent; this probably helps their survival in their very dry desert, where there is hardly any rainfall and the moisture comes from fog. *C. tenuissima* is described in one of my cactus books as being “dull green,” but my plants are a very handsome black, very striking to look at with white wool and showy yellow flowers; the plants cluster readily but never get very large. *C. krainziana* has white spines, and seems to be less inclined to bloom than other species that I grow, but it is a handsome plant nonetheless. *C. haseltoniana* (named for a former editor of the Cactus and Succulent Journal) and *C. cinerea* are somewhat alike, with gray-green, somewhat waxy bodies. *C. hypogaea* is always small; the name means “underground,” which describes the way it grows; you could walk over it and hardly notice, as it is almost spineless. It’s a nice little plant just the same, with the bright yellow flowers that are characteristic of the genus.



Copiapoa laui

Cultivation of *Copiapoas* is pretty much like that for most cacti: good drainage, strong light; I do not water any desert cacti between November and March. I cannot speak for their hardiness to frost, but I would guess that they could stand low temperatures if kept dry.



Copiapoa krinziana



Copiapoa cinerea



Copiapoa haseltoniana

Plant photos by BJ Miller

Trophy and Special Recognition Winners for the 2014 Summer Show

Trophy for

Best Agave
 Best Aloe
 Best Baja Plant
 Best Bursera
 Best Cactus
 Best Echeveria
 Best Epiphytic Cactus
 Best Euphorbia
 Best Exhibit
 Best Graft
 Best Mammillaria
 Best Mesembryanthemum
 Best Mexican Plant
 Best Miniature
 Best Novice Cactus
 Best Novice Succulent
 Best Opuntiaeae
 Best Pachycaul or Caudiciform
 Best Pelargonium or Sarcocaulon
 Best San Diego Succulent
 Best Sansevieria
 Best Seed Grown Plant
 Best Succulent
 Best Succulent Bonsai
 High Point (< 50 entries)
 High Point (< 25 entries)
 Most Artistic Display
 People's Choice
 Sweepstakes Trophy
 Judge's Choice, Terry Parr
 Judge's Choice, Terry Parr
 Judge's Choice, Tom Glavich
 Judge's Choice, Tom Glavich
 Judge's Choice, Rick Bjorklund
 Judge's Choice, Rick Bjorklund
 Judge's Choice, Buck Hemenway
 Judge's Choice, Buck Hemenway
 Judge's Choice, Petra Crist
 Judge's Choice, Petra Crist
 Judge's Choice, Woody Minnich
 Judge's Choice, Woody Minnich
 Show Chair Choice, Peter Walkowiak
 Show Chair Choice, Peter Walkowiak
 President's Choice, Kelly Griffin
 President's Choice, Kelly Griffin

Grower

Matt Maggio
 Matt Maggio
 Peter Walkowiak
 Michael Buckner
 Carol & Paul Maker
 Michael Buckner
 Jennifer Harris
 Lee Badger
 Maria Becker
 Carol & Paul Maker
 Tapio Haaparanta
 Buck & Yvonne Hemenway
 Carol & Paul Maker
 John Matthews
 Tony Krock
 Tony Krock
 Miles Anderson
 Peter Walkowiak
 Peter Walkowiak
 Juergen Menzel
 Jean O'Daniel
 Juergen Menzel
 Peter Walkowiak
 Michael Buckner
 Candy & Jerry Garner
 Carol & Paul Maker
 Jennifer Harris
 Carol & Paul Maker
 Peter Walkowiak
 Peter Walkowiak
 Arnold Chaney
 Steve Salley
 Tony Krock
 Tony Krock
 Don Hunt
 Candy & Jerry Garner
 Juergen Menzel
 Candy & Jerry Garner
 Peter Walkowiak
 Juergen Menzel
 Phyllis Flechsig
 Steve Salley
 Peter Walkowiak
 Carol & Paul Maker

Plant

A. eborispina
A. personii
Euphorbia miseua
B. fagaroides
Ferocactus glaucescens inermis
E. cante
cruciforme
E. tuberifera
 Photos
Aztekium riterii
M. vetula
Chiropopsis sp.
Astrophytum ornatum.
Lithops fulviceps
Eulychnia Castanea spiralis
Agave marconanthe var
Puna boonieae
Ficus palmerii
Pelargonium potygedenis
Ferocactus viridiflorus
Sanseveria pearsonii
Ariocarpus coneusus
Kedrostris africana
Portulacaria afra var
 50 plants, 150 points
 25 plants, 118 points
 Photos & Cactus
Ferocactus glaucescens inermis
 51 Plants, 187 points
Euphorbia bupluerifolis
Hectia sp
Adenium crimson star
Agave oratifolia
Agave 'Sunburst'
Copiapoa caldepana
Mammillaria geminispina
Euphorbia tuleariensis
Euphorbia francorsii
Matucana aurantiaca
Distostigma caput medusa
Euphorbia multiceps
Adenium arabicum
Adenium somalense
Tylecodon reticulatus

2014 Show Participants

NOVICE CLASS

Aach, Susan
 Becker, Maria
 Butler, Mark
 Fernandes, m
 Froess, Steven
 Giessoow, Quinn
 Howe, Melanie
 Krock, Tony
 LaFreniere, Leon
 Siekkinen, Andy
 Sternberg, Paul
 Titus, Debra
 Twitchell, Geoff

INTERMEDIATE CLASS

Badger, Pam
 Baldwin, Alison
 Bjorklund, Rick
 Clark, Kathy
 Garner, Candy & Jerry
 Goldman, Wendy
 Haaparanta, Tapio
 Harris, Jennifer
 Hopkins, Susan
 Hunt, Don
 Maker, Carol & Paul
 Miller, Chris
 O'Daniel, Jean
 Sasso, Mary
 Schell, Sara
 Shagena, Bill
 Sommerville, Penny
 Stern, Herb
 Williams, John
 Zucker, Tina

OPEN CLASS

Anderson, Miles
 Badger, Lee
 Biggart, Tom
 Buckner, Michael
 Chaney, Arnold
 DeChirico, Gregg
 Flechsig, Phyllis
 Fryer, Mark
 Griffin, Kelly
 Hemenway, Buck & Yvonne
 Maggio, Matt
 Matthews, John
 Menzel, Juergen
 Muradian, Mark
 Noel, Bobbie
 Parr, Kienan
 Parr, Terry & Collette
 Plant, Rick
 Reiser, Jim & Mary
 Salley, Steve
 Siegel, Sandy
 Walkowiak, Peter
 Williams, Jerry
 Wujcik, Joe



Echeveria cante



Aloe pearsoni



Aztekium ritteri



Lithops fulviceps aurea



Ariocarpus confusus



Puna Bonnieae

Class	Participants	Entries		
		Div 1	Div 2	All Div
NOVICE	13	9	35	60
ADVANCED	20	89	169	268
OPEN	24	70	170	268
Grand Total	57	168	374	596



Eulychnia castanea v spiralis



Bursera fageroides



Euphorbia cape saintmariensis

Show photos by Kelly Griffin



*Agave
utahensis
eborespina*

**Please remember to
bring a snack to the
meeting if your last
name starts with A to M.**

Upcoming Calendar of Events

July 25-27: Orange County Cactus and Succulent Society Summer Show and Sale. Friday July 25 9am-5pm. Saturday July 26 9am-5pm, Sunday July 27 12-4pm. Anaheim United Methodist Church, 1000 S. State College BLvd., Anaheim CA Info call 949-212-8417

August 9-10: 29th Annual Intercity Show & Sale at the LA County Arboretum, 0am-5pm daily. 301 N. Baldwin Ave, Arcadia CA. Info call Tom Glavich 626-798-2430 or John Matthews 661-714-1052

August 30: Huntington Botanical Gardens Succulent Symposium. All day at the Huntington

September 7: Long Beach Cactus Club Annual Plant Auction, 12 –5 pm. Rancho Los Alamitos, 6400 Bixby Hill Road, Long Beach Info 310-922-6090.

September 13: SDCSS Annual Picnic at Admiral Baker Field. More info in August

November 1-2: San Gabriel Cactus and Succulent Society Show and Sale. 9am-4pm both days. LA County Arboretum, 301 N. Baldwin Ave, Arcadia CA

December 13: SDCSS Holiday Party starts at 11 in room 101 Casa del Prado, Balboa Park

February 14, 2015: SDCSS Winter Show and Sale, room 101 Casa del Prado, Balboa Park



Agave utahensis eborespina



Chirodopsis sp.



Kedrostris africana

More show plants

Plant photos by
Kelly Griffin



Astrophytum ornatum



*Agave
macroacantha
variegata*



Ferocactus viridenscens

31st Succulent Plants Symposium 30 August 2014 Huntington Botanical Gardens

Program Includes:

Ivòn Mercedes Ramirez Morillo, Centro de Investigación Científica de Yucatán, A.C. Mérida, Yucatán, México, *An Overview of Hechtia (Bromeliaceae)*

Nigist Asfaw, Addis Ababa University, Addis Ababa Ethiopia, *Medicinal and Aromatic Plants of the Dry Lands of Ethiopia*

Nathan LeClear, University of Texas, Austin Texas, *Jatropha on My Mind*

Jeffery Morawetz, Rancho Santa Ana Botanic Garden, Claremont California, *Euphorbia Hunting in the Old World: From the Arabian Desert to the Deserts and Savannas of Africa*

Germán Carnevali Fernandez-Concha, Centro de Investigación Científica de Yucatán, A.C. Mérida, Yucatán, México, *Succulents and Xerophytic Communities in the Yucatan Peninsula*

Sebesbe Demissew, Addis Ababa University, Addis Ababa Ethiopia, *Adaptation of Succulents and Geophytes From Semi-desert to Afroalpine Habitats in the Horn of Africa* (presentation follow dinner)

Time:

8:30 Registration & continental breakfast

9 to 5 Program in the Ahmanson Classroom

Includes Silent Auction, Desert Garden & Desert Conservatory special hours and Lunch

6:00 Dinner (Optional)

Registrants who have not signed up for dinner are welcome to return for the final presentation

Registration:

Symposium \$75

Dinner \$25

Deadline for registration is August 26th. We cannot guarantee meals for late registrants. Send registration form and a check (payable to the Huntington) or credit card information to

**Succulent Plant Symposium
Huntington Botanical Gardens
1151 Oxford Road
San Marino CA 91108**

(626) 405-3504

(626) 405-3501 (fax)

The Huntington is delighted to accept donations of items for the Silent Auction. Proceeds help to offset the symposium costs

Name(s) _____

Affiliation _____

Address _____

Phone _____

E-mail _____

Program _____ x \$75 = _____ Donation _____

Dinner _____ x \$25= _____ Total enclosed _____

Credit
Card #

Exp.
Date

Signature

SDC&SS MEMBERSHIP APPLICATION / RENEWAL FORM

Dues are \$15.00 per year per individual, and \$5.00 per year for each additional household member. Newsletter is E-mailed. **Mailed paper copies are available for an additional \$10 a year. Each member has all the rights and benefits of the organization.**

Annual Dues (E-mail Newsletter) \$15.00 _____
 (Paper Newsletter) _____
 First class delivery USPS \$10.00 _____
 Annual Dues – International (Paper) \$30.00 _____
 Additional Household Member(s) \$5.00 _____
 Amount Enclosed \$ _____

Check **ONE** for type of membership:
NEW _____ **RENEWAL** _____

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

Name: _____

Address: _____

City and State: _____

Zip + 4: _____

Phone Number: _____

Cell/FAX: _____

E-mail 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 payable in US Funds to SDCSS to:

**SDCSS Membership Dept
 c/o Paul Maker
 1245 San Pablo Drive
 San Marcos CA 92078-4816**

(Rev. E-2, 2012-11-13)

Please address correspondence to:
 The San Diego Cactus & Succulent Society
 P.O. Box 33181 San Diego, Ca 92136-3181

San Diego Cactus & Succulent Society

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Pat Marshall
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Then there were Pirates.....

