

Espinas y Flores

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

Volume 51, Number 5

May 2016



Euphorbia lactea crest by Bev Grant

The May General Meeting is a week earlier than usual!
Mark your calendar for Saturday, May 7th, 1:00 - 4:00 pm
Rm 101, Casa del Prado, Balboa Park
Pre-meeting Workshop "Show Preparation" at 11:00 am
New Member Orientation, at 12:30 pm
See Inside for more Details

**BYOB! Bring your own Box
To The Summer Sale!**

San Diego Cactus & Succulent Society

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Vice president:	Chris Miller
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Treasurer:	Leslie Sheridan

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Brag table:	Tina Zucker & Denise Griffin
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Summer Show:	Peter Walkowiak
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Grants:	Jerry Garner
Library:	Don Hunt, Steve & Kathy Harris
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Annual sales:	Chris Miller
Auction & Holiday Plants:	Kelly Griffin
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

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CSSA Affiliate Rep:	Peter Walkowiak
SD Botanic Garden:	Phyllis Flechsig
SD Botanic Foundation:	George Plaisted
SD Floral Association:	Jeanette Dutton
SD Zoo Safari Park, Baja & Old World Gardens:	May Fong Ho

Membership & Publicity

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

Contact SDCSS

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Classified Ads

Find it, sell it, promote it!

Are you looking for a special plant? Or, do you have a few too many of something else? Do you want to promote your business? Find it, sell it, or publicize it with a Classified Ad in the SDCSS Newsletter. Ad prices are very reasonable and will reach hundreds of prospects. For details including pricing, deadlines, and contact information, please click [here](#) or email Sue @ newsletter@sdcss.net



Opuntia 'Santa Rita'
Lake Hayasu City, AZ
Photo by Sue Thomas

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President's Message



I want to offer a huge thank you Brian Kemble of the Ruth Bancroft Garden for a wonderful talk on Gasterias. It was so concise and thorough; I felt lucky to have heard it. I can't imagine anyone doing a better job on this group, which is obviously one of his great loves.

I want say that I am terribly saddened by the loss of one of our long time members, Lee Badger. He was a great presence in our club and I have been so fortunate to have exchanged plants with him and visit his beautiful collection. He has somehow managed to have shared with so many of us, including the garden at the San Diego Wild Animal Park. I will miss seeing him very much. My thoughts go out to Pam and her family.

We are preparing for our biggest sale of the year. We still have great need for pulling this off. Please, please, please....sign up and help make this go smoothly! We need volunteers to be Cashiers and Security, not to mention the final breakdown on Sunday (I know we are all tired at the end of the weekend but please help here, it was really tough last year with so few people to finish the clean up). PLEASE REMEMBER TO BRING IN BOXES! We have found they are getting scarcer scarcer, especially ones that are suitable for plant pots and plants. Shoe boxes work well as do other low boxes. Please bring at least enough boxes for the plants you plan to buy, and some extras OK? Thanks!

I am looking forward to our May 7th Program NOTE THIS IS ON THE FIRST SATURDAY.....Thank some other plant club for bumping us for their show....It is something we cannot change so we must live with it.

Our speaker I am so proud to have back is Ernesto Sandoval from UC Davis. He tells me he will be bringing plants and he grows some very special things....You are going to be fighting with me at his table for certain....just warning you! :-)

Please remember the date change otherwise you are going to be lonely with no program or plants to buy!

See you on May 7th! ~ Kelly

Next General Meeting - May 7th (First Saturday in May!)

The next SDCSS General Meeting will be held on Saturday, May 7th, 1:00 - 4:00 pm, in Balboa Park, Casa del Prado, Room 101

Pre-Meeting Workshop, "Show Preparation" by Jerry Garner - 11:00 am.
Learn tips on entering and preparing your plants for the June Show!
See preview below.

New Member Orientation - 12:30 pm, guided by Pat and Jay

Please have your **Brag Table** entries in place by 12:30

Snacks/Appetizers - Please bring a snack to share if your last name begins with A - M



Show Preparation by Jerry Garner

The June Show and Sale is the San Diego Cactus and Succulent Society's most important botanical and social event. It is our opportunity to join with kindred spirits in a weekend of work, camaraderie, and presentation to share our fascination of succulent plants with others.

In this month's workshop, we will be focusing on preparing your plants for the show tables at the June show. We will cover the basics of entering a plant in the show. There will be a short discussion on filling out the plant entry tickets along with, where and how to find the plant category information. We will then address pot cleanliness, plant cleanliness (insect control), and plant grooming. I will finish with some basic staging tips for using top dressing, rocks, and plant-to-pot placement, to enhance the presentation of the plant. If you have a plant that you are unsure about showing, bring it to the workshop and we will work on the plant's best presentation. I will bring an assortment of simple tools that can easily be assembled into a plant grooming kit.

I hope this workshop will take some of the worries and mystery out of showing your plants, and encourage you to do so. Remember, we always urge our members to be part of OUR show. ~ Jerry Garner

Membership

A Note to our Members....

YOUR Club, SDCSS, has grown to become one of the premier Cactus & Succulent Societies in the nation! We can attribute this in part to the increasing interest in the drought tolerant plants we love, but mostly it's due to the enthusiasm and dedication of our members. A lot of hard work goes into planning and carrying out general meetings, shows and sales, special events, and the everyday needs of the Club. We are able to enjoy these things, thanks to a hand full of dedicated volunteers, many of whom have been helping for years. Now, our volunteers need help!

Whether you have a little or a lot of time, are a novice or an expert, are new or a veteran, you can make a difference and help spread the volunteer work among more hands. Look at the benefits....

Share your talent and skills
Meet interesting people and make new friends
Learn something new or hone your skills
Effect change and offer ideas
Be part of a fun and friendly group!

Let's double our Volunteer Crew before the Summer Show and Sale!
Email Sue at newsletter@sdcss.net

As a token of appreciation, all volunteers who work at the June Show and Sale, will receive a \$10 SDCSS Voucher for each day worked. Vouchers can be used towards the purchase of any plant or merchandise at a SDCSS function.

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

The Needs of Succulents Above & Below and In and Out of Containers

by Ernesto Sandoval

Ernesto Sandoval is the Director of the UC Davis Botanical Conservatory, an extremely knowledgeable botanist, and an entertaining speaker. At our May General Meeting, Ernesto will discuss what plants need above ground as well as below, such as sunlight/temperature combos, PH, and will show us



comparisons of potted and in ground plants. We are glad to have him back to speak at our May meeting. Here's a short biography on Ernesto:

Ernesto Sandoval has been wondering and seeking questions to why plants grow and look the way that they do for a long time. Now he explains and interprets the

world of plants to a variety of ages and experiences from K-12 to professionals and Master Gardeners. He regularly lectures to a variety of western Garden Clubs throughout the year and particularly to Succulent Clubs throughout the State and elsewhere since that group of plants is his particular passion within his general passion for plants. He describes himself as a "Jose of All Plants, Master of None." Ernesto thoroughly enjoys helping others, and gardeners in particular, to understand why and how plants do what they do.

When he was about 13 he asked his dad why one tree was pruned a particular way and another tree



another way. His dad answered bluntly "because that's the way you do it." Since then he's been learning and teaching himself the answers to those and many other questions by getting a degree at UC Davis in Botany and working from student weeder/waterer to Director over the last 25 years at the UC Davis Botanical Conservatory. He's long left the "mow blow and go" monoculture landscape gardening world and has immersed himself in the world of polyculture and biodiversity by growing several thousand types of plants at the UC Davis Botanical Conservatory, many of them succulents. Several of his favorite garden projects involved converting lawns and or water loving landscapes to drought tolerant and diversity filled gardens! He likes to promote plant liberation by encouraging gardeners of all sorts to grow more plants in the ground when possible. He loves the technical language of Botany but prefers to relate information in more understandable methods of communication! By helping people to understand the workings of plants he hopes to help us better understand how to and why our plants do what they do and how we can maximize their growth with less effort.

"C/S Links"

Sharing a few more online resources. Just click on one of the underlined links to explore...

[Tucson Cactus & Succulent Society Links Page](#) - Good resource for links to other C/S websites

[Cactus Mall](#) - Another good starting point for links to C/S information and websites

[Cactus Explorers](#) - British C/S Publication

[Cactus Seed Gallery](#) - Interesting and closeup look at several cactus seeds

Plant of the Month

Pelargoniums below

by Andrew Wilson

We heard from Brian Kemble last month that, among succulents, Pelargonium is the overlooked genus. I shall go further, the underground pelargoniums are even more overlooked. Usually called geophytic, these plants develop large tubers that conserve their moisture during long, hot and dry summers. They live in southwest Africa in a summer-dry climate that is not unlike ours. We can grow them well here and the rewards for doing so are compact plants of great beauty with few, if any pests. We'll talk about how to grow and propagate them and we'll show you what they look like in South Africa and San Diego.

Pelargonium auritum (top)

There are about 200 species of pelargoniums. Most of them (e.f. *P. carnosum*) have succulent stems and about 70 of them have fleshy roots (tubers). Some of these have both fleshy stems and/or leaves while the fully succulent-underground ones that we'll describe, do not. They form compact plants, are amenable to fast-draining rockeries, or are ideally suited to pot cultivation. They remain dormant all summer and spring to life in the cool nights of fall once watering is started.

P. curviandrum (bottom)

Flowering in late spring follows the disappearance of the leaves of many species, which can give you both worry and then wonderful surprise. Growing them is not difficult so long as you follow a few simple rules that we'll



Brag Table and Plant Show Competition Categories:

When entering plants in the Show, please make sure the correct tag accompanies each plant. Please review the Show Classes (page 9-10 of this newsletter), and label your plants accordingly.

Below is a definition of the general competition categories

Novice - Green Card: Exhibitors that have won 10 or fewer blue (1st place) ribbons in a recognized cactus and succulent show.

Intermediate - Yellow Card: Exhibitors who have won more than 10 blue ribbons.

Expert/Open - Blue Card: Commercial exhibitors and those that want to compete against them. This category is open to anyone who wishes to compete at the "expert" level. Judges will be appropriately discriminating with plants in this category.

The San Diego Cactus & Succulent Society

2016 Summer Show & Sale



Show: Saturday, 10:00 - 3:00 & Sunday, 10:00 - 4:00

Free Admission!

Sale

Saturday June 4th, 10:00 am - 5:00 pm

Sunday, June 5th, 10:00 am - 4:00 pm

SDCSS "Members Only" Shopping hour

Saturday, - 9:00 am - 10:00 am

**Casa del Prado - Balboa Park
Room 101 and Courtyard**

Visit us online at www.sdcss.net

Consider arriving early (before 8:00 am), or parking at Inspiration Point on Presidents Way, and riding the Free Balboa Park Tram. www.balboapark.org/visit/parking

BYOB - Bring your own Box!

Cardboard boxes are provided but are in limited supply. Please bring a box for yourself, and a few to share

Purchase a membership at the event and enter the Sale at 9:00 am, during the "Members Only" shopping hour!

Visit us online at www.sdcss.net

SUMMER SHOW AND SALE

I want to enter Plants in the Show. What do I do?

- ~ Attend the Pre-Meeting Workshop on May 7th (voluntary)
- ~ Pick up Show Tags at the May 7th meeting
- ~ Choose and prepare your plants a couple of weeks in advance
 - ~ Review Show Plant Classes for accurate categorization
 - ~ Fill out tags in advance of show. Print clearly!
- ~ Deliver your plants to Room 101, on Friday, June 3rd, 12:00 to 8:00 pm
(out of town exhibitors may deliver on June 4th, 7:00 - 8:30 am.)
- ~ Attend the Show Judging, June 4th, at approximately 11:00 am to hear judges commentary
 - ~ Retrieve your plant(s) on Sunday, June 5th, at 4:00 pm

BYOB!

If you've ever been to a SDCSS Sale, you know how important a sturdy, strong sided, cardboard box is. Carrying loads of plants and pottery can be a real challenge without one. Although the club supplies a good number of boxes, we always seem to run short. This year, we are asking everyone to BYOB...**Bring your Own Box!** In fact, bring extras to share.



Boxes should be flat, sturdy (made of corrugated cardboard), and have sturdy 4" or taller sides all around and at least 10" in length. The one pictured is a good example. So start gathering boxes.....!

SAN DIEGO CACTUS & SUCCULENT SOCIETY'S ANNUAL SHOW & SALE JUNE 4 & 5, 2016

RULES AND SCHEDULE

Show Rules

The show is open to anyone who grows succulent plants. There is no limit to the number of entries per class or the number of classes entered, though no entry can be entered in more than one class. All property shall be marked with the owner's name, not visible to the judges. The exhibitor must have grown the plant for at least six months.

All entries must have properly filled entry cards and must be entered in the appropriate Division and Class to be eligible for awards. Exhibitors are responsible for placing these items with their entries. For the best plant grown from seed, the exhibitors must have raised the plant themselves. Plants may be species or hybrids. Hybrids may be exhibited in the class of either parent. Grafted plants will be accepted in any class, though awards for grafts will be selected from Division IV. Read the notes below the Plant Entry Classification Schedule.

Entries must be clean, healthy (pest-free) and dry. Remove Plant Name Tags in pots (except for collections and displays). Awards must remain with exhibits until the close of the show. Classes with few entries may be combined; classes with too many entries may have a Class C added. The show committee reserves the right to reject plants or exhibits and to readjust entries for the good of the show. Show hours must be followed. The San Diego Cactus and Succulent Society will exercise due caution in safeguarding exhibits. However, SDCSS cannot assume responsibility for loss of property. Entries are judged against perfection. The judges' decisions are final. In the case of disputes and/or ties, the Show Chair(s) or, if the Chair's plants are involved, the Head Clerk shall make the final decision.

TROPHIES AND PLAQUES are perpetual, except the educational and novice awards. First, second and third place ribbons will be awarded in each class; however, should the judges feel that a first, second, or third place is not merited, no awards will be given. To receive the CSSA Award, two or more educational displays must be entered. Judges, Club President, and Show Chairman will each award two Rosettes to their favorite plants.

CACTUS

Best Cactus	Phillip Corliss Plaque
Best Novice Cactus	SDCSS Plaque
Best <i>Epiphytic</i> Cactus Plant	William & Ruth Nelson Trophy
Best <i>Mammillaria</i>	Elibet Marshall Trophy
Best <i>Opuntiae</i>	James & Shirley Berry Trophy

OTHER SUCCULENTS

Best Succulent	Ruby Falk Plaque
Best Novice Succulent	SDCSS Plaque
Best <i>Agave</i>	Doris Rake Plaque
Best <i>Aloe</i>	Barbara Jeppe Trophy
Best <i>Bursera</i>	Jeff Harris Trophy
Best <i>Echeveria</i>	Oliver & Sophie Loyland Trophy
Best <i>Euphorbia</i>	Russell & Lydia Evans Cup
Best <i>Mesem</i>	Samuel & Adela Markey Trophy
Best <i>Pelargonium</i> or <i>Sarcocaulon</i>	Wilma Johnson Trophy
Best <i>Sansevieria</i>	Richard G. Latimer, Sr. Trophy

CACTI OR SUCCULENTS

Best Baja Plant	Richard G. Latimer, Jr. Memorial Trophy
Best Graft	Bob & Suzanne Taylor Trophy
Best Mexican Plant in Show	Dudley B. Gold Trophy
Best Plant Grown From Seed	Tegelberg Family Plaque
Best San Diego County Succulent	Julianne Rice Trophy
Best Miniature	Monte & Mary Woodworth Plaque
Best <i>Pachycaul</i> or <i>Caudiciform</i>	H. Warren & Virginia Buckner Trophy
Best Succulent Bonsai	Rudy & Teresita Lime Trophy
People's Choice Award	Rose D'Attilio Memorial Plaque

DISPLAYS, EXHIBITS AND HIGH POINTS

Best Educational Display	CSSA Award
Best Exhibit	Reuben Vaughan Plaque
Most Artistic Display	Walter & Hazel Scott Plaque
High Points 25 or fewer entries	SDCSS Plaque
High Points 50 or fewer entries	James & Shirley Berry Trophy

Schedule

Set-up: Fri. June 3, 12:00 - 8:00 pm. / Sat., June 4th, 7:00 - 8:30 am - *Out of town participants only.*

Show: Sat. June 4 10 - 3 Sun. June 5, 10 - 4

Sale: Sat. June 4, 10 - 5, Sun. June 5, 10 - 4.

Special SDCSS Members-Only Sale: Sat. June 4, 9 - 10

AUCTION

Members may submit plants to an Auction to be held Sunday June 5, at 2pm. Entries accepted until noon Sunday. Owners may donate their plants or chose to retain 70% of the sale price. Proceeds will be used for additional flora at the Safari Park Old World Garden.

JUDGING SCALE - SPECIMENS, COLLECTIONS AND DISPLAYS

Condition 70%, Staging 15%, Size & Maturity 10%, Nomenclature 5%

EDUCATIONAL DISPLAY

Two or more entries must be exhibited for CSSA award. Educational Value 80%, Staging & Originality 20%.

AWARDS POINT SYSTEM

Divisions I, II and IV, 1st-3 pts., 2nd-2 pts., 3rd-1 pt., Division III, 1st-7 pts., 2nd-5 pts., 3rd-3 pts. Division V, 1st-12 pts., 2nd-10 pts., 3rd-8 pts., Plaques and Trophies: 10 pts. Honorable Mention Awards receive no points, are used only as tie-breakers

SHOW COMMITTEE

Show Chair: Peter Walkowiak / **Head Clerk:** Susan Hopkins / **Luncheon:** Pam Badger
Sales Chair: Chris Miller / **Sales Manager:** Terry Parr

THE SAN DIEGO CACTUS AND SUCCULENT SOCIETY

P. O. Box 33181, San Diego, California 92163-3181, is a public service and educational (nonprofit tax exempt) organization.

Your donations are graciously accepted.

PLANT TAGS ARE UNCHANGED. PICK THEM UP AT THE MAY MEETING OR AT THE SHOW

ENTRY NOTES: PLEASE USE THE MOST CURRENT CLASSIFICATION SCHEDULE. Classes 1-125 are divided into two pot sizes: **A and B** (**A** = 5 inches and under; **B** = over 5 inches – measurements are of the **maximum** inside dimension). Note that **one** plant per container is allowed in these classes.

Three categories for competing entries are as follows: **GREEN** cards for exhibitors that have won 10 or fewer blue ribbons in a recognized cactus and succulent show. **YELLOW** cards are for participants that have won more than 10 blue ribbons. **BLUE** cards are for commercial exhibitors and those that want to compete against them. Awards will be selected from any category. **WHITE** cards are for plants entered non-competitively, for show only.

2016 SDCSS SHOW PLANT CATEGORIES

PAGE 1 OF 2

Family, Genus, Species	Class	Family, Genus, Species	Class	Family, Genus, Species	Class	Family, Genus, Species	Class
Adromischus	85	Ceropegia	102	Espositoa	16	Euphorbia halleri	55
Blossfeldia	1	Cintia	1	Euphorbia aeruginosa	67	Euphorbia hallii	58
Buiningia	2	Cissus	112	Euphorbia ankarensis	77	Euphorbia hamata	55
Decarya	109	Cleistocactus	16	Euphorbia antisiphilitica	80	Euphorbia hedyotoides	78
Euphorbia lophogona	71	Commiphora	118	Euphorbia arida	61	Euphorbia horombensis	72
Acharagma	24	Copiapoa	14	Euphorbia autropurpurea	54	Euphorbia horrida	65
Adansonia	118	Coryphantha	24	Euphorbia balsamifera	54	Euphorbia inermis	60
Adenia	107	Cotyledon	84	Euphorbia beharensis	72	Euphorbia lambii	54
Adenium	104	Crassula	85	Euphorbia bogensis	56	Euphorbia leucodendron	79
Aeonium	86	Crested Cacti	51	Euphorbia bossier	78	Euphorbia lignosa	55
Agave	96	Crested Succulents	122	Euphorbia bupleurifolia	58	Euphorbia loricata	58
Alluaudia	109	Cycads	125	Euphorbia buruana	67	Euphorbia meloformis	64
Aloe capitata	91	Cylindropuntia	48	Euphorbia capsaintemariensis	77	Euphorbia milii	72
Aloe conifera	91	Cynanchum	102	Euphorbia caput-medusae	60	Euphorbia millotii	77
Aloe dorothea	90	Cyphostemma	112	Euphorbia clava	58	Euphorbia misera	80
Aloe haworthioides	91	Denmoza	15	Euphorbia clavarioides	59	Euphorbia moratii	77
Aloe hybrids	92	Deuterochonia	116	Euphorbia clavigera	67	Euphorbia multiramosa	62
Aloe melancantha	90	Didierea	109	Euphorbia crispa	57	Euphorbia namaquensis	62
Aloe striata	90	Dioscorea	119	Euphorbia croizatii	74	Euphorbia neohumbertii	73
Aloe variegata	90	Discocactus	12	Euphorbia cylindrifolia v tu-berifera	75	Euphorbia neriifolia	66
Ancistrocactus	22	Displays and Exhibits	138	Euphorbia cylindrifolia v tu-berifera	75	Euphorbia obesa	64
Anything Goes	129	Dorstenia	113	Euphorbia cylindrifolia v. cylindri-folia	76	Euphorbia pachypodioides	71
Aporocactus	49	Dracaena	97	Euphorbia decaryi v tuberosa	75	Euphorbia pedilanthioides	74
Ariocarpus	40	Dudleya	89	Euphorbia decaryi v. decaryi	76	Euphorbia pentops	61
Arrojadoa	16	Dyckia	116	Euphorbia decaryi v. spirosticha	76	Euphorbia platyclada	78
Astroloba	93	Echeveria	88	Euphorbia decepta	61	Euphorbia poissonii	66
Astrophytum	42	Echinocactus	45	Euphorbia didiereoides	74	Euphorbia polycephala	63
Aztekium	41	Echinocereus - pectinate spines	19	Euphorbia enopla	65	Euphorbia primifolia	57
Baja Succulent	131	Echinocereus - straight spines	20	Euphorbia esculenta	60	Euphorbia primulifolia	75
Beaucarnea	97	Echinofossulocactus	46	Euphorbia fasciculata	62	Euphorbia pugniformis	59
Bombax	117	Echinopsis	10	Euphorbia ferox	65	Euphorbia schoenlandii	62
Bulbs	121	Ephytic Cacti	49	Euphorbia flanaganii	59	Euphorbia selenifolia	57
Bursera	117	Epiphyllum	49	Euphorbia francoisii	75	Euphorbia stellaespina	65
Cactus Collection	126	Epithelantha	41	Euphorbia gariepina	55	Euphorbia stenoclada	79
Calibanus	97	Eriogyne	13	Euphorbia genoudiana	72	Euphorbia suppressa	61
Caralluma	101	Escobaria	24	Euphorbia globosa	63	Euphorbia suzannae	64
Cephalocereus	47			Euphorbia groenewaldii	67		

2016 SDCSS SHOW PLANT CATEGORIES

PAGE 2 OF 2

Family, Genus, Species	Class	Family, Genus, Species	Class	Family, Genus, Species	Class	Family, Genus, Species	Class
Euphorbia tirucalli	79	Mamm. Group Compressa	39	Matucana	15	Raphionacme	103
Euphorbia trichadenia	56	Mamm. Group Crinita	37	Melocactus	12	Rebutia	7
Euphorbia tuberosa	57	Mamm. Group Dioica	28	Mestoklema	100	Rhipsalis	49
Euphorbia tubiglans	64	Mamm. Group Glassii	37	Monadenium	81	San Diego County Succulent	130
Euphorbia unispina	66	Mamm. Group Grahamii	28	Monstrose Cacti	52	Sansevieria	95
Euphorbia viguieri	73	Mamm. Group Guelzowiana	28	Monstrose Succulents	123	Sarcocaulon	111
Euphorbia weberbaueri	80	Mamm. Group Heyderi	38	Neochilenia	13	Sclerocactus	22
Euphorbia xantii	80	Mamm. Group Magnimamma	38	Neolloydia	21	Sedum	86
Ferocactus	43	Mamm. Group Mammillaris	39	Neoporteria	13	Seed grown by exhibitor	134
Ficus	113	Mamm. Group Oteroi	37	Notocactus	4	Selenicereus	49
Fockea	103	Mamm. Group Petrophila	39	Obregonia	41	Sempervivum	86
Fouquieria	114	Mamm. Group Pettersonii	39	Operculicarya	118	Senecio	110
Frailea	1	Mamm. Group Standleyi	39	Opuntia	48	Senecio	110
Gasteria	93	Mamm. Group Tetrancistra	28	Orchids	120	Seyrigia	115
Genus Mammillaria	25-39	Mamm. Group Zephyranthoides	29	Oreocereus	16	Sinningia	119
Gerrardanthus	115	Mamm. Groups Sonorensis	39	Oroya	15	Soehrensia	11
Graptopetalum	87	Mamm. Series Ancistracanthae	28-29	Pachycereus	47	Stapelia	101
Gymnocactus	21	Mamm. Series Decipientes	30	Pachycormus	117	Stenocactus	46
Gymnocalycium - clumping	6	Mamm. Series Heterochlo-rae	30	Pachyphytum	87	Strombocactus	41
Gymnocalycium - solitary	5	Mamm. Series Lasiacanthae	32	Pachypodium, Africa	105	Succulent Collection	127
Hamatocactus	44	Mamm. Series Leptocladodae	31	Pachypodium, Madagascar	106	Succulent bonsai	137
Haworthia	94	Mamm. Series Leucoceph-alae	35	Paintings	139	Sulcorebutia	8
Hechtia	116	Mamm. Series Longiflorae	27	Parodia	3	Tacitus	87
Hoodia	101	Mamm. Series Mammillaria	38-39	Pedilanthus	82	Tephrocactus	18
Hoya	102	Mamm. Series Polyacanthae	33	Pediocactus	22	Thelocactus	23
Huernia	101	Mamm. Series Polyedrae	31	Pelargonium	111	Trichocereus	17
Ibervillea	115	Mamm. Series Proliferae	30	Pelecyphora	41	Trichodiadema	100
Ipomoea	119	Mamm. Series Sphacelatae	31	Peniocereus	47	Turbinocarpus	21
Jatropha	82	Mamm. Series Stylothelae	36-37	Pereskia	50	Tylecodon	84
Kalanchoe	83	Mamm. Series Supertextae	34	Petopentia	103	Uebelmannia	2
Kedrostis	115	Mamm. Subgenus Mammillaria	27-39	Photography	140	Variegated Cacti	53
Leuchtenbergia	44	Mamm. Subgenuses Cochemiea	25	Pilocereus	17	Variegated Succulents	124
Lobivia	9	Mamm. Subgenuses Dolichothele	26	Portulacaceae	108	Weingartia	11
Maihuenia	18	Mamm. Subgenuses Mammillopsis	25	Pseudolithos	101	Wilcoxia	47
Mamm. Group Barbata	29	Mamm. Subgenuses Mammilloidia	25	Pterocactus	18	Xerosicyos	115
Mamm. Group Bombycina	36	Mamm. Subgenuses Oehmea	26	Quiabentia	18	Yucca	96
Mamm. Group Brandegeei	38						

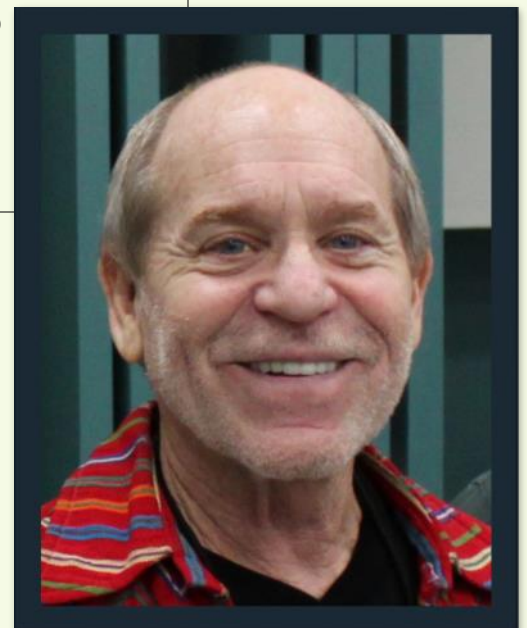
Lee Badger, a longtime and cherished member of the SDCSS, passed away in April, 2016. He was an active member of the club since 1984, and along with his wife Pam, wore many hats. Lee was on the Board as a Director, managed the Benefit Drawing Table, helped run several of our September picnics, and he was a vendor, selling Euphorbias and other interesting plants.

Lee had many years of experience growing and selling plants. He owned a couple of businesses and even started a nursery in Nicaragua. When Pam and Lee bought their home in Spring Valley, the yard was a blank slate. Over time, Lee created a wonderful landscape. Pam says Lee was the grower, specializing in Euphorbias and many unusual succulents such as Tylecodons. Lee brought a smile to many and will be sorely missed.

In Remembrance of Lee Badger

Lee passed away in April. He was a long time member of SDCSS and had many roles with us. In the 90's during the Show and Sale in June we didn't leave the sale area set up. We moved tables (with plants or pots on them) back in to the show area for the night. I have the memory of Lee being part of that team to move those tables. So Lee was an integral part of this organization for many years and he will be missed. ~ Chris Miller

Lee was one of my prime succulent plant mentors, along with his wife Pam. Back when I was poor and just a tyke in This Thing of Ours, they put me to work trading their plants for my labor, and not only a collection was born, but better yet a great friendship, lots of laughs and wonderfully-cooked meals, plant road trips, walks with doggies to see *Ferocactus viridescens* and *Dudleya pulverulenta* in situ and so much more.
I'll see you on the flip-side, pal.
~ Jeff Harris



News and photos from San Diego Zoo Safari Park

Photos by Susan LaFreniere. Used with permission of the San Diego Zoo Safari Park

News from the Safari Park Gardens

Recent acquisitions included donated tylecodon from Michael Nelson, euphorbias bought from Lee Badger, agave pups donated by Mort Fairfield, and aloes donated by Kelly Griffin. Kelly showed us what he has growing at his home, and two dozen that the Old World Garden did not yet have were selected. Kelly grows aloes from seed. They will be planted out in the garden once roots on the cuttings have developed. The gifts and the education are greatly appreciated. We thank all for their donations.

Photos this month include the several varieties we have of Aloe camperi blooming at the end of March and into April. The pure form has deep green leaves and rich orange flowers. Aloe camperi variegata has paler leaves in stripes of green and yellow with yellow orange flowers. Aloe camperi, cornuta form, is green with lighter spots and orange flowers. They create a good comparison of differences when viewed together.

Also starting to leaf out are the *adenium multiflorum*, *obesum ssp. swazicum*, and *obesum ssp boehmianum*.

The park has re-installed the hand-made wooden box onto the (now metal) umbrella stand behind the bench. It holds the brochure describing the Baja and Old World Gardens and SDCSS. The three educational pieces developed by the volunteers has been submitted to the Horticulture and Interpretive Departments for refining and approval. May Fong Ho developed the "stroll" through the Baja Garden. Another is Old World Garden Talking Points to use with visitors to the garden. The last piece called "Can You Find It?" describes and pictures selected species of the genera focused on in the OWG: 9 of the Aloes, 6 Euphorbias, and 3 Pachypodiums.

Twice now, the cheetah and dog duo have taken walks along our garden paths during Tuesday work-hours. We captured them on camera.

WEEDS are plentiful! We could use some additional help. If you would like to relax amid the plants and views of the gardens, please join us. Donations are welcomed too. Contact: mayfongho@yahoo.com or 760-233-3948 ~ Susan LaFreniere



April Brag Table Winners

CACTUS

Novice

- 1st Place, Chris Dawson- *Eriosyce crista*
 2nd Place, Chuck Ramey- *Copiapoa humilis*
 3rd Place, Chuck Ramey- *Neochilenia huascensis*

Intermediate

- 1st Place, Tina Zucker- *Echinocereus morricalli*
 2nd Place, Maria Becker- *Mammillaria hahniana*
 3rd Place, Bev Grant - *Mammillaria parkinsonii*

Advanced/Open

- 1st, 2nd and 3rd Place, Jurgen Menzel- *Echinocereus lindsayi*



Eriosyce crista



Pachypodium bispinosum



Medusoid Euphorbia



Echinocereus morricalli



Mammillaria parkinsonii



Copiapoa humilis

SUCCULENTS

Novice

- 1st Place, Chuck Ramey- *Pachypodium bispinosum*
 2nd Place, Chuck Ramey- *Medusoid Euphorbia*
 3rd Place, Sue Thomas - *Haworthia sp.*

Intermediate

- 1st Place, Bev Grant- *Euphorbia lactea crest*
 2nd Place, Bev Grant- *Dudleya anthonyi*
 3rd Place, Alison Baldwin - *Drimopsis burkei*

Advanced/Open

- 1st Place, Kelly Griffin- *Orthophytum x 'Galactic Warrior'*
 2nd Place, Phyllis Flechsig- *Pelargonium alternans*
 3rd Place, Kelly Griffin- *Aloe 'Lemon Chiffon' KJG*



Echinocereus lindsayi



Euphorbia lactea crest



Haworthia species



Mammillaria hahniana



Neochilenia huascensis



Drimopsis burkei



Pelargonium alternans



Dudleya anthonyi



Orthophytum x 'Galactic Warrior'



Aloe 'Lemon Chiffon'

Upcoming Events!



Cactus in Bloom



Photography
P. Clement



Soehrensia [*Echinopsis*] *Formosa*.

The famous cactus botanist, Kurt Backeberg, had his theory about that plant. He surmised that the Golden Barrel, *Echinocactus grusonii*, migrated from Mexico to South America and made a number of natural hybrids with taller *Trichocereus* to form several species of *Soehrensia*. This genus, which he erected, was later clumped into *Echinopsis*.
Ed , Western Cactus

Helianthocereus [*Echinopsis*] *terscheckii* usually features clusters of white flowers. This plant then, is exceedingly rare.
Ed, Western Cactus



Gymnocalycium denudatum
Sue Thomas



Photography
P. Clement

Echinocereus davisii , seed grown in greenhouse, Bulgaria
Photo by Clement Pfeiffer

CACTUS AND SUCCULENT CALENDAR OF UPCOMING EVENTS FOR 2016

UPDATED MARCH 23, 2016

- | | |
|---------------------------|--|
| APR. 24 | Huntington Plant Sale, 10 - 4:30, Huntington Botanical Gardens, 1151 Oxford Road, San Marino CA. Info: (626) 405-3504 |
| MAY 1 | South Bay Epiphyllum Society Show & Sale South Bay Epiphyllum, Show - 9am to 4pm South Coast Botanical Gardens. Info: (310) 833-6823 |
| APR 30 -
MAY 1 | Sunset Cactus and Succulent Society Show and Sale, Veteran's Memorial Center Garden Room, 4117 Overland Ave., Culver City, CA. Info: (310) 822-1783 |
| MAY 13-14 | Gates Cactus & Succulent Society, Show & Sales, Fri & Sat 9-4:30 pm, at Landscapes Southern California Style, 450 E. Alessandro Blvd., Riverside, CA. Info: (951) 360-8802 |
| MAY 21-22 | Long Beach Cactus Club Plant Show & Sale, 10-4 pm, Rancho Los Alamitos, 6400 Bixby Hill Rd., Long Beach, CA Info. (562) 631-5876 |
| MAY 28-29 | Central Coast Cactus & Succulent Society Show & Sale 10-4PM), Ludwick Center, 864 Santa Rosa, San Luis Obispo, CA. Info: (805) 237-2054, www.centralcoastcactus.org |
| JUNE 11-12 | Los Angeles Cactus & Succulent Society Show & Sale, 6/11 9-5, 6/12 9-3:30. Sepulveda Garden Ctr., 16633 Magnolia Blvd., Encino, CA Info: www.lacss-show.com |
| JUNE 4-5 | San Diego Cactus & Succulent Society Summer Show & Sale. Casa del Prado, Balboa Park, Rm. 101, San Diego, CA. Info: (858) 382-1797 |
| JUNE 9-12 | Mid States Conference, Sponsored by Colorado CSS, Hilton Double Tree, 13696 E Iliff Pl, Aurora, CO 80014 Info: Randy, rtatroe@q.com (303) 699-8958 or Woody, cactusdata@msn.com (661) 406-9816 |
| JULY 1-3 | CSSA Annual Show & Sale. Huntington Botanical Gardens, 1151 Oxford Rd., San Marino, CA Plant sales run July 1st - 3rd. The Show is open July 2nd - 3rd. Info: (626) 405-3504 |
| JULY 22-23 | Orange County Cactus & Succulent Society Summer Show & Sale. Thurs, 7/21, 6-8 pm, Fri. 7/22, 9-7pm, Sat. 7/23, 9-5pm. 1000 S. State College Bl., (Anaheim United Methodist Church) Anaheim, CA. Info: (949)212-8417 |
| AUG. 13-14 | 31st Annual Intercity Show & Sale at the LA County Arboretum. 9-5pm daily. 301 No. Baldwin Ave., Arcadia, CA. Info: Call Tom Glavich @ (626) 798-2430, or Artie Chavez @ (818) 482-8795 |
| SEPT. 3 | Huntington Botanical Gardens Succulent Symposium, all Day at The Huntington. Info: (626) 405-3504 |
| SEPT. 10 | Long Beach Cactus Club Annual Plant Auction, 12-5PM, Rancho Los Alamitos, 6400 Bixby Hill Rd., Long Beach, CA 90615. Info: (562) 631-5876 |
| OCT. 8-9 | Bakersfield Cactus & Succulent Society Show & Sale, Sat. 10-5, Sun. 11-4, East Hills Mall, Center Court, 3100 Mall View Rd., Bakersfield, CA 93306. Info: (661) 831-8488 |
| OCT. 22-23 | Palomar Cactus & Succulent Society Show & Sale, Sat. 9-5, Sun. 10-4. San Diego Botanic Gardens, 230 Quail Gardens Rd., Encinitas, CA. Info: hciservices@gmail.com. (858) 382-1797 |
| NOV. 5-6 | San Gabriel Cactus & Succulent Society Show & Sale, 9am - 4pm both days, LA County Arboretum, 310 No. Baldwin, Arcadia, CA Info: Manny Rivera (626) 780-6957 or John Matthews (661) 714-1052 |
| DEC. 10 | SDCSS Holiday Party |