



Prickly News

South Coast Cactus & Succulent Society Newsletter September 2018

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NEXT MEETING

Peter Breslin:
"Rare Cacti and Succulents of the Islands of Baja"

Sunday September 9, at 1:00 pm
(Program starts at 1:30pm)

REFRESHMENTS FOR SEPTEMBER

Thanks to those who helped in August.

Roselyn Arbuckle	Karin Cozzolino
Martha Bjerke	Toni Luz
Maria Capaldo	Clif Wong

Volunteers for September refreshments are:

Unknown

If you would like to bring something to the meeting please do so - thanks!

Volunteers: Please report to the kitchen after the meeting if you are able to help with cleanup.

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PRESIDENT'S MESSAGE

Last month Woody Minnich introduced us to many rare and almost extinct plants. This was especially interesting to me because there were many plants I had never seen. Woody brought up the issue of conservation of habitat plants and urged us

to consider that when buying plants. Those sellers that grow from seed should be rewarded for their efforts.

Even as summer comes to a close, warm weather may continue. As a result, we need to keep a watchful eye on watering, growth and unwanted pests. Water your summer dormant plants when you start to see some early leafy growth.

Many thanks to those of you who have stepped up to help out with the duties which help our society run smoothly. It was very gratifying to have people volunteering to help. As you know, we set up the hall for our meetings and it takes some muscle to get all the tables and chairs set up. Many of you come early for that and stay afterwards to assure the hall is properly taken down. I do appreciate all the help.

Carol Knight has agreed to be the Show and Sale Coordinator so please be generous with your time for the Show and Sale, April 12-14.

Maria Blas has agreed to help with refreshments in the kitchen and Debby Hemingway, will be her assistant.

Anyone who can stay afterward to help clean up the kitchen after the break would be most welcome.

Gary Duke would still like to train someone for the position of Speaker Coordinator for the society, so please reach out to him if you are interested. Securing and getting to know the speakers would be a great way to become involved in the greater succulent community.

The September 1st Huntington Symposium has a registration fee, and for those of you who attend, there will be some reimbursement from the society depending on the numbers of members who attend and ask for reimbursement. Please save your proof of payment and give to Treasurer for payment.

Our speaker this month, Peter Breslin, has done extensive work in the islands of southern Baja California. I look forward to a very educational presentation of his work and the endemics of the islands.

See you there!

Maria Capaldo, President

PRESENTER FOR SEPTEMBER: Peter Breslin
“Rare Cacti and Succulents of the Islands of Baja”

Peter Breslin draws on five years and 9 field seasons on islands in the Pacific off the coast of southern Baja California to present a panoramic view of the assemblage of rare cactus and succulent species found only in that region. Including species that occur in patchy distribution on the peninsula in the Magdalena Plains, there are 10 cacti and succulent taxa that are only found in the small area known as Bahia Magdalena. Focusing mostly on the population viability, species distribution and variability of the island endemic, *Cochemia* (*Mammillaria*) *halei*, Breslin presents an overview of his PhD research on plant conservation biology, island endemism and ecology. What is the future of restricted endemic cacti with fragmented distributions? An overview of this research will be supplemented by many pictures of the unique habitat and beautiful plants of the islands, mountains and plains of the Bahia Magdalena region.

Peter Breslin has been involved in the cactus and succulent hobby since he was 10 years old and his grandmother bought him a grafted *Parodia* at a garden center. Something about the fuzzy spines and weird green flowers caught his attention and he has been fascinated ever since.

During many years as an avid grower and amateur botanist, Breslin had a 26 year career as a high school teacher. In 2014, he decided to begin graduate studies at



Arizona State University toward a Ph.D. in Environmental Life Science. His areas of research include plant population biology, conservation biology, species distribution and biogeography and the emerging field of landscape genetics. His dissertation research, supported in part by generous grants from the CSSA, has been focused on the cacti of the Pacific islands of Baja Sur.

CACTUS OF THE MONTH: *Discocactus*, *Uebelmania*
Submitted by Jim Tanner

Discocactus contains a dozen species of tropical cacti. Most species grow in rock outcrops in the tropical forests, and are endangered in their natural habitat.

Mature *Discocactus* stop growing, and instead divert their energy into growing a cephalium. The cephalium is a specialized flowering head, generally covered with fibers. *Discocactus* blooms in summer, on and off. The flowers are generally white and open in late afternoon until the following morning. Many species have fragrant flowers.

Discocactus are tropical species, and should be kept warm in winter. Many species are extremely difficult to keep on their own roots and are generally grafted. The grafted plants are less cold sensitive, but none has any frost tolerance.

Three species from Brazil make up the genus ***Uebelmannia***, these plants feature globose, to cylindrical stems that have distinct ribs lined with spines. The epidermis of the plants has a granular texture to it and can be a bright green, waxy-gray, or even dark purple

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Discocactus bahiensis

in color. The spines typically stand in contrast in bright white, golden, or black coloring with areoles forming a continuous line along the ribs. These characters, while hard to describe, give the plants a most striking and unique appearance. The flowers, however, would not be



Discocactus horstii



Uebelmannia gummifera



Uebelmannia pectinifera var. *eriocactoides*

considered anything special among the cactus family as they are small little yellow funnels which come out near the stem tip.

In cultivation, this genus is considered one of the

more difficult to grow. This makes them rather hard to find either for sale or trade. As a result, many new to the hobby are unfamiliar with the genus and are greatly impressed when they first encounter it.

SUCCULENT OF THE MONTH: Kalanchoe
Submitted by Jim Tanner

Kalanchoe is a large genus of succulents and has a very wide distribution area: all of Africa south of the Sahara desert, Madagascar, islands of the Indian Ocean, India and Malaysia. However, most of the species interesting to collectors are coming from Madagascar or South Africa. These species are generally subshrubs with succulent leaves. The genera Bryophyllum and Kitchingia are generally now included in Kalanchoe.

Contrarily to other members of the family that have most flower parts in multiple of 5, Kalanchoe flowers have 4 connected petals forming a tube, 4 sepals, 4 carpels, and 8 stamens.

A number of species can take temperature close to freezing for short times, but none will really tolerate any frost. The species that have pubescent (fuzzy) leaves can generally tolerate Phoenix intense heat without trouble

particularly if kept in light shade. The species with smooth leaves are a little less tolerant, but fare generally better than most other crassulaceae in such hot conditions.

In general, Kalanchoe do better with bright shade, although some species are comfortable with some direct sun, while others tolerate shade.



Kalanchoe marmorata



Kalanchoe bracteata



Kalanchoe thyrsiflora

MINI-SHOW RESULTS - August 12, 2018

Open Cactus	1st	Jim Gardner	<i>Ferocactus cylindraceus</i>
	2nd	William Wilk	<i>Ferocactus glaucescens</i>
	2nd	Laurel Woodley	<i>Ferocactus chrysacanthus</i>
	3rd	William Wilk	<i>Ferocactus hamatacanthus</i>
Open Succulent	1st	Phyllis DeCrescenzo	<i>Stapelia gigantea</i>
	2nd	William Wilk	<i>Stapelia gigantea</i>
	2nd	William Wilk	<i>Huernia zebrina</i>
	3rd	Phyllis DeCrescenzo	<i>Stapelia</i>
	3rd	Phyllis DeCrescenzo	<i>Stapelia farfan</i>
Intermediate Cactus	1st	Bernard Johnson	<i>Leuchtenbergia principis</i>
	2nd	Sally Fasteau	<i>Ferocactus stainesii</i>
	3rd	Bernard Johnson	<i>Ferocactus latispinus</i>
Intermediate Succulent	1st	Bernard Johnson	<i>Hoodia pilifera</i>
	2nd	Sally Fasteau	<i>Stapelia paniculata</i>
	3rd	Bernard Johnson	<i>Hoodia pilifera</i>
Novice Cactus	1st	Terri Straub	<i>Ferocactus emoryi</i>
	2nd	Eric Scott	<i>Ferocactus latispinus</i>
	2nd	Eric Scott	<i>Ferocactus glaucescens</i>
	3rd	Eric Scott	<i>Leuchtenbergia principis</i>
	3rd	Terri Straub	<i>Ferocactus pottsii</i>
Novice Succulent	1st	Martin Dorsey	<i>Pseudulithos cubiformis</i>
	2nd	Diane Cottrell	<i>Stapelia</i>

Click for photos of
the winning plants
on our website



SCCSS MINI-SHOW STANDINGS (as of August 12, 2018)

Open Class	Cactus	Succulent	Total
Capaldo, Maria	34	32	66
DeCrescenzo, Phyllis	31	37	68
Duke, Gary	51	17	68
Gardner, Jim	11	30	41
Hanna, Jim	4	12	16
Wilk, William	28	34	62
Woodley, Laurel	7	23	30

Intermediate Class	Cactus	Succulent	Total
Caplan, Anita	12	19	31
Fasteau, Sally	53	40	93
Johnson, Bernard	24	35	59
LaForest, Dale	15	32	47
Neely, Jade	3		3
Short, Mike	10	8	18

Novice Class	Cactus	Succulent	Total
Bjarkman, M.A.	4	12	16
Bjerke, Martha		5	5
Cottrell, Diane		4	4
Dorsey, Martin	2	6	8
Hodgson, David		6	6
Johnson, Ted	6	31	37
Murphy, Rosemarie		2	2
Nancy Mosher	1		1
Nettles, Coni	27	28	55
Nisewaner, John		7	7
Ray, Sibiu		4	4
Scott, Eric	20	4	24
Steenon, Dean		1	1
Straub, Terri	43	10	53
Tanner, Jim		3	3

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MINI-SHOW PLANTS OF THE MONTH (POM) 2018

	Cactus	Succulent
September	Discocactus, Uebelmania	Kalanchoe
October	Miniature (3in or less)	Miniature (3in or less)
November	North American Columnar (Saguaro, Cereus, etc.)	Senecio
December	HOLIDAY PARTY	HOLIDAY PARTY

MINI-SHOW PLANTS OF THE MONTH (POM) 2019

	Cactus	Succulent
January	Mammillaria single headed	Lithops, Conophytum
February	Stenocactus, Echinofossulocactus	Euphorbia from Madagascar
March	Thelocactus	Aeonium, Greenovia
April	SHOW & SALE	SHOW & SALE
May	Cactus Dish Garden	Succulent Dish Garden
June	Rebutia, Aylosteria, Sulcorebutia, Weingartia	Echeveria
July	Matucana, Oroya	Mesembs, NO Lithops or Conophytum
August	Epithelantha, Frailea, Aztekium	Dyckia, Hechtia, Puya
September	Variegated cactus	Variegated Succulent
October	Turbincarpus	Adromischus
November	South American columnar cactus (Espostoa, Oreocereus, Cleistocactus, etc.)	Pelargonium, Sarcocaulon. Tylecodon
December	HOLIDAY PARTY	HOLIDAY PARTY

Click to see complete lists
on our website



CALENDAR OF UPCOMING EVENTS FOR 2018

- Sept. 1** **Huntington Botanical Gardens Succulent Symposium**
All Day At The Huntington 626-405-3504
- Sept 15-16** **South Bay Orchid Society Fall Show & Sale**
Sale: Sat. 9-5 Sun. 9-4, Show: Sat. 11-5 Sun. 9-4, South Coast Botanic Garden, (310) 995-1592
<http://www.southbayorchidsociety.com/Show/>
- Sept 15** **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 6** **Lotusland, Santa Barbara, party and rare plant auction.**
1:30 pm - 5:30 pm. Early Bird Pricing before September 1st. Members \$65, non-members \$85. After September Members \$75, non-members \$95. Call 805.969.9990 for reservations.
- Oct. 13-14** **Bakersfield Cactus & Succulent Society**
Show & Sale Sat. 10-5---Sun. 11-3 St. Paul's Church, 2216 17th Street, Bakersfield, CA 93304
Free Admission & Parking, Info 661-8318488
- Oct. 27-28** **Palomar Cactus & Succulent Society Fall Show And Sale**
Sat 10-5, Sun 10-3, San Diego Botanic Gardens, 230 Quail Gardens Road, Encinitas, CA
Info britamiller1@gmail.com
- Jan. 12-13** **San Gabriel Cactus & Succulent Society Show & Sale**
9am-4pm both days, LA County Arboretum 310 No. Baldwin, Arcadia, CA
Manny Rivera 626-579-7954 or Tom Glavich 626-798-2430

Click to see the calendar
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DORMANCY

Submitted by Bill Wilk

Dormancy is one of the most difficult concepts to learn for newcomers to growing succulents and cactus.

WINTER DORMANT (Major growth is in summer)

This group is usually referred to as "summer growers". They are dormant from November through February (June through September in the southern hemisphere). Many of these will also enter a rest period for a few weeks during the hottest part of the summer (called estivation) before putting on a final burst of growth in September and October (March and April in the southern hemisphere).

Genera fitting better in this category include:

Adenia	Encephalartos	Pseudolithos
Adenium	Euphorbia	Pterodiscus
Alluaudia	Ficus	Raphionacme
Aloinopsis	Fockea	Sempervivum
rubrolineata	Huernia	Sinningia
Brachystelma	Ibervillea	Stangeria
Bursera	Ipomoea	Stapelianthus
Calibanus	Jatropha	Synadenium
Ceropegia	Lithops	Tillandsia
Cissus	Monadenium	Titanopsis
Cyphostemma	Moringa	Trichocaulon
Didieria	Operculicarya	Trichodiadema
Dioon	Pachypodium	Uncarina
Dorstenia	Pedilanthus	Xerosicyos
Echeveria	Plumeria	

SUMMER DORMANT (Major growth is in winter)

Usually referred to as "winter growers" these genera are mostly dormant during the warmer months of May

through August (November through February in the southern hemisphere). Their primary growth actually occurs during the autumn and spring while slowing considerably during winter. Genera fitting better in this category include:

Adromischus	Dudleya	Pelargonium
Aeonium	Fouquieria	Peperomia
Agave	Gasteria	Pilea
Aichryson	Gibbaeum	Portulacaria
Aloe	Graptopetalum	Sansevieria
Anacampseros	Graptoveria	Sarcocaulon
Astroloba	Greenovia	Sedeveria
Avonia	Haemanthus	Sedum
Bowiea	Haworthia	Senecio
Bulbine	Kalanchoe	Sphalmanthus
Ceraria	Monanthes	(Phyllobolus)
Conophytum	Neohenricia	Stomatium
Cotyldeon	Othonna	Sulcorebutia
Crassula	Pachycormus	rauschii
Dactyloopsis	Pachyphytum	Talinum
Dioscorea	Pachyveria	Tylecodon

Genera such as Agave, Aloe and Haemanthus (to name a few) include some species that are summer dormant and some that are winter dormant, and with genera such as Agave and Aloe, some species do not appear to go dormant at all.

Sun intensity increases in summer. When moving plants from shadier to sunnier places, be sure to acclimate them by covering them with a piece of shade cloth or window screen. The covering may be removed after a few weeks.

MEMBERSHIP NEWS - Submitted by Sally Fasteau

Please welcome new member(s)

Michael Cozzolino San Pedro

BOARD OF DIRECTORS FY2017-2018

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Vice President	M.A. Bjarkman
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Finance	Jim Hanna
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Programs	Gary Duke
Show and Sale	Carol Knight

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Publicity (Show)	Anita Caplan
Publicity (Monthly)	Ann Nye
Speaker Coordinator	Jade Neely

Liasons:

CGCI	Lou Hagemeyer
CSSA	Bill Wilk

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