

Prickly News

South Coast Cactus & Succulent Society Newsletter

February 2016

Click here to visit our web site:
<http://www.southcoastcss.org>

Click here to visit
our Facebook page

NEXT MEETING
Marquita Elias: "Botanical Names Decoded"
Sunday February 14, 1:30pm
We will meet in the hall.

REFRESHMENTS FOR FEBRUARY
Thanks to those who helped in January:
Rose Arbuckle **Eloise Donnelly**
Maria Capaldo **Lou Hagemeyer**
Bob & Anita Caplan **Laurel Woodley**
Karin Cozzolino **Karen Yoshioka**
Phyllis DeCrescenzo
Volunteers for February refreshments are:
Jo **Ana MacKenzie**
Marie Bowers **David Okihara**
Barbara Heughins
If you would like to bring something to our next meeting, please do so – thanks!
Kitchen Volunteers – Please see Carol Causey after the meeting if you are able to help with kitchen cleanup.

IN THIS ISSUE

PRESIDENTS MESSAGE..... 1
REFRESHMENTS.....1
PRESENTER FOR THE MONTH.....2
CACTUS OF THE MONTH.....2
SUCCULENT OF THE MONTH.....3
MINI-SHOW PLANTS OF THE MONTH 2016.....4
MINI-SHOW STANDINGS.....4
LOQUERISNE LATINE?.....5
MINI-SHOW RESULTS.....5
CALENDAR OF UPCOMING EVENTS.....7
BOTANICAL GLOSSARY..... 8
BOARD OF DIRECTORS.....8
MEMBERSHIP NEWS.....8
EDITOR'S CORNER.....8



PRESIDENT'S MESSAGE

Attendance at the January meeting was 68 - a little more than average. Sally Fasteau and I introduced four new members. I'm pretty sure the reason we continue to grow is not only because of an increased interest in succulent plants due to the drought, but our excellent speakers and activities at our meetings.

I certainly enjoyed Michelle Cloud-Hughes' (our January speaker) explanation of finding and defining a new species of cylindropuntia was both scientific and entertaining, in spite of my frequent protestations that, "I hate (cylindr)opuntias!"

It's time to Spring into action. At the February meeting Nancy Jengo and Heidi Husnak will start recruiting volunteers for our April Show & Sale. So check your plant collection to see if you have at least one plant you can get ready for the "Club Table"; or perhaps you have many plants and an idea to ask for a table to participate in the "People's Choice" displays. If you're new to the society, we will explain in some detail these activities.

Many of you expressed an interest in tours. A couple of years ago Carol Knight coordinated a trip for us, but only about 13 actually signed up, so she filled the bus with members from local Garden Clubs. M.A. Bjarkman has volunteered to try arranging another trip, but there are many details that need decisions that are best resolved by a committee of 2-3 people. So we will try again.

The Board would like to make a donation to one or more worthy organizations or individuals. With over \$12,000 in our account I think 2-3 thousand dollars is available. In the past we have donated to the SCBG for tables, CGCI's Anzo-Borrego Visitor Center renovation fund, and CSSA to support the biennial CSSA convention. Please share your thoughts on the matter with any Board member. Board actions include approving the 2017 facility contract with the SCBGF (the garden Foundation). This year we will meet in the hall every month month on the 2nd Sunday, except in May when we meet in the classroom and June when we meet on the third Sunday. We also added a 'Social Hour' to proceed our Holiday Potluck dinner this coming December.

Dale La Forest
President

PRESENTER FOR FEBRUARY: Marquita Ellias: "Botanical Names Decoded"

Are you one of those people that get confounded or even embarrassed about using the botanical name of a plant? Do those botanical names have any meaning? Do you say to yourself "it's all Greek or Latin to me" and have no idea how to remember them or even pronounce them? Please join us for a delightful afternoon of decoding botanical names and learning why we have them and what in the heck do they mean. You'll find that it's a fascinating journey. I think you'll cry out that it's really "elementary" my dear Watson.

Marquita Ellias is the vice-president of LACSS. She is also a member of CSSA. A member of LACSS for four years she has been scheduling programs for two of those years. As a California native, born in Anaheim, she received her degree in Civil Engineering from Loyola Marymount University and also attended Scripps Institute of Oceanography. She worked as a Registered Civil Engineer for over 20 years with a portion of that time spent underwater as a hardhat diver. She spends her time helping with their family construction business, hiking, mountain biking and tending her collection of aeoniums and adeniums.



CACTUS of the MONTH - Echinocereus

Submitted by Jim Tanner

[Click to see the same with more pictures on our website](#)

The genus Echinocereus is much loved by cactus growers world-wide. There are several characteristics that collectively account for their popularity. All Echinocereus are small plants that are quite suitable for growing in pots and greenhouses. The stems of this genus are more often than not under a foot in height and perhaps 2 or 3 inches in diameter. Some are slightly bigger, some smaller. In the wild, some species may form large mounds of many hundreds of stems, but this takes many years and these same species are still quite manageable in cultivation. There is a wide variety of spination that includes some of the most fierce and dramatic spines covering the plant stem so that it is not even visible. Most have moderately sized spines evenly distributed, some have very colorful spines even in alternating patterns. Some have pectinate (comb-like) spines and some are nearly spineless. The spines are arranged on ribs.

Aside from being a cultivation-friendly size, Echinocereus have some of the most brilliant flowers of the cactus family. They range in color from electric-pink to deep scarlet to translucent browns and greens and even bright yellow. Many species feature two-toned flowers with one color toward the center and another color on the outer parts of the flower. One particular population exists in New Mexico of naturally occurring hybrids that display much of this color range on one hillside from plant to plant. The flowers can be 3 inches or more in diameter and feature spiny floral tubes. Close examination reveals that the flowers actually break through the epidermis of the stem as do any new offsetting stems.

In the wild, Echinocereus range from as far north as South Dakota and south through most of Mexico. They inhabit a wide range of habitats growing under Ponderosa forests to coastal plains; from low elevation deserts to mountainsides of 8000 feet or more. There can be a tremendous amount of variation within species and this can make identification especially tricky in some instances.



Echinocereus dasyacanthus



Echinocereus fendleri



Echinocereus rigidissimus ssp. rubispinus



Echinocereus nivosus



Echinocereus triglochidiatus

SUCCULENT of the MONTH - Crassula

Submitted by Jim Tanner

The Crassulaceae Family is medium sized and cosmopolitan, with succulent members worldwide, and family members that range from the arctic to the hottest areas of the African Deserts. As might be expected from a wide ranging family, the plants also vary tremendously, with succulent members varying from only an inch or less across at maturity to tree like shrubs. Crassulaceae is the third largest of the succulent families behind Cactaceae and Mesembryanthemaceae.

Crassula is the largest genus in the family, containing everything from bog plants to some of the most extreme succulents. Many Crassula species have been naturalized and are commonly seen as garden plants in Southern California. These include *C. arborescens*, *C. falcata*, *C. perforata*. Many hybrids and cultivars are available, offering a large variety of colors and shapes. One of the best is Morgan's Beauty.

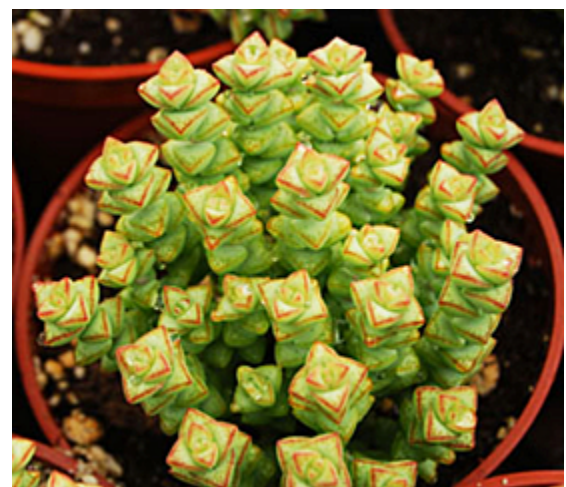
Many Crassulas border on being weedy. They get lanky after a year or two, and the bottom leaves either fall off or turn brown. Cuttings of these plants should be taken (they almost always root), and the plants restarted either in the early fall (October is best) or early spring (late February to April).

[Ed: Crassula is a major genus of the Crassulaceae family and members are known for their amazing ability to perform CAM (Crassulacean Acid Metabolism). CAM in simple terms is the ability to perform photosynthesis during the daytime using Carbon Dioxide (CO₂) that has been collected and stored at night. As the plants are not intaking CO₂ during the heat of the day, they are able to keep their stomata (pores) closed during that period thereby greatly reducing the loss of liquid. The CO₂ collected at night is stored in the form of acid malate and is converted back to CO₂ during the day when photosynthesis is taking place. see Wikipedia]

[Click to see the same with more pictures on our website](#)



Crassula clavata



Crassula 'Tom Thumb'



Crassula alpestris



Crassula 'Morgans Beauty'



Crassula pyramidalis



MINI-SHOW PLANTS OF THE MONTH (POM) 2016

	Cactus	Succulent
January	Mammillaria – single head	Dudleya
February	Echinocereus	Crassula
March	Ferocactus	Gasteria
April	PLANT SHOW AND SALE	Click to see complete lists on our web site
May	Gymnocalycium	
June	Eriosyce (Neochilenia, Neoporteria...)	Echeveria
July	Lobivia, Echinopsis	Pachypodium
August	Thelocactus, Stenocactus	Aizoaceae (other than Lithops)
September	Coryphantha, Escobaria	Adromischus
October	Rebutia, Sulcorebutia	Aeonium
November	Miniature (3" or less)	Miniature (3" or less)
December	HOLIDAY PARTY	

SCCSS MINI-SHOW STANDINGS (as of January 10, 2016)

Novice			Intermediate			Open		
Name	Cactus	Succulent	Name	Cactus	Succulent	Name	Cactus	Succulent
Sally Fasteau	1		Anita Caplan	2	6	Maria Capaldo	11	
Bernard Johnson	6	1	Phyllis DeCrescenzo	10		Gary Duke	4	4
Mike Short		8	Jade Neely	4	6	Jim Gardner	1	4
Jim Tanner	7		Click to see the standings on our website			Dale LaForest		1
Judy Unrine	2	4		Laurel Woodley				6
William Wilk	1	1						

MINI-SHOW RESULTS - January 10, 2016

Open Cactus	1st	Maria Capaldo	<i>Mammillaria bocasana</i>
	2nd	Maria Capaldo	<i>Mammillaria hahniana</i>
	3rd	Gary Duke	<i>Mammillaria hahniana</i>
Open Succulent	1st	Laurel Woodley	<i>Dudleya virens</i>
	2nd	Jim Gardner	<i>Dudleya viscosa</i>
	3rd	Gary Duke	<i>Dudleya pulverulenta x pachyphytum</i>
Intermediate Cactus	1st	Phyllis DeCrescenzo	<i>Mammillaria</i>
	2nd	Phyllis DeCrescenzo	<i>Mammillaria</i>
	3rd	Jade Neely	<i>Mammillaria karwinskiana</i>
Intermediate Succulent	1st	Anita Caplan	<i>Dudleya</i>
	2nd	Jade Neely	<i>Dudleya pulverulenta</i>
	3rd	Jade Neely	<i>Dudleya brittonii</i>
Novice Cactus	1st	Jim Tanner	<i>Mammillaria longimamma</i>
	2nd	Bernard Johnson	<i>Mammillaria huitzilopochtli</i>
	3rd	Bernard Johnson	<i>Mammillaria spinosissima</i>
Novice Succulent	1st	Mike Short	<i>Dudleya brittonii</i>
	2nd	Judy Unrine	<i>Dudleya</i>
	3rd	Mike Short	<i>Dudleya brittonii</i>

Click for photos of
the winning plants
on our website

LATIN LOOKUP - Loquerisne Latine (Do you speak Latin)?

The meanings of the latin names of plants in this newsletter - taken from <http://davesgarden.com/guides/botanary/>

Name	Meaning	Pronunciation
alpestris	From lower mountains	al-PES-triss
Adromischus	From the Greek hadros (thick or stout) and mischos (stalk), referring to the short pedicels	ad-roh-MIS-kus
Aeonium	An ancient name used by Dioscorides for one of the species in the genus	ee-OH-nee-um
Aizoaceae	Family name, meaning evergreen	1. ay-zoh-AY-see-ee 2. ay-zoh-AY-see-eye
bocasana	Named for the Sierra de Bocas Mountain range in Mexico	1. bo-ka-SAY-na 2. bo-ka-SAH-na
brittonii	Named for Nathaniel Lord Britton, or his wife Elizabeth Gertrude (Knight) Britton; both were early 20th century botanists	brit-TON-ee-eye
clavata	Club-shaped	KLAV-ah-tuh
crassula	Somewhat thickened foliage; diminutive of the Latin crassus (thick, fleshy)	1. KRASS-oo-la 2. KRASS-uh-la
Coryphantha	From the Greek koryphe (summit, top), and anthos (flower), referring to the position of the flowers on these cacti	1. kor-ry-FAN-tha 2. kor-rif-AN-tha
dasyacanthus	Lots of spines, thick spines	day-see-uh-KAN-thus
Dudleya	Named for William Russel Dudley, 19th century botany professor at Stanford University in California (U.S.)	DUD-lee-yuh
Echeveria	Named for Anastasio Echeverria y Godoy, 18th century Spanish botanist	1. ech-eh-VER-ee-a 2. ech-eh-ver-EE-a
Echinocereus	From the Greek echinos, (porcupine) and cereus, referring to the shape of the floral tube	1. ek-in-oh-KER-ee-us 2. ek-in-oh-SER-ee-us

LATIN LOOKUP - Loquerisne Latine (Do you speak Latin)? - Cont.

Name	Meaning	Pronunciation
Echinopsis	From the Greek echinos (sea urchin or hedgehog) and opsis (like), referring to the plant's resemblance to sea urchins	ek-in-OP-sis
Eriogyne	From the Greek erion (woolly) and sykon (fig, fruit)	er-ee-oh-SY-kee
Escobaria	Named for brothers Romulo and Numa Pompilio Escobar, of Mexico City (late 1800s to mid 1900s)	1. es-koh-BAR-ree-uh 2. es-koh-BAY-ree-uh
fendleri	Named for August Fendler, 19th century German plant collector	FEND-ler-ee
Ferocactus	From the Latin ferus, (fierce) and cactus, referring to its heavy spines	fer-oh-KAK-tus
Gasteria	From gaster, (belly, stomach); referring to swollen base on flower	gas-TAIR-ee-uh
Gymnocalycium	From the Greek gymnos (naked) and kalyx (covering; calyx); the flower buds are naked	jim-no-kal-LISS-ee-um
hahniana	Named for Hahn; the specific honoree is unknown	1. hahn-ee-AY-na 2. hahn-ee-AH-na
huitzilopochtli	Named for the Aztec god of the sun and war	wee-tsee-loh-POCH-tlee
karwinskiana	Variant of karvinskiana; named for Wilhelm Friedrich Karwinsky von Karwin, 19th century German explorer	1. kar-winz-kee-AH-na 2. kar-vinz-kee-AY-na
longimamma	From the Latin longus (long) and mamma (nipple)	lon-jee-MAM-muh
Lithops	Like stone	LY-thops
Lobivia	Anagram of Bolivia, where the plant is native	low-BIV-ee-uh
Mammillaria	Nipple- or teat-like	mam-mil-AR-ee-uh
nivosus	Snow white	niv-OH-sus
pachyphytum	Thick plant	pak-ee-FY-tum
pulverulenta	Powdery	pul-ver-oo-LEN-tuh
pyramidalis	Pyramid-shaped	peer-uh-mid-AH-liss
Pachypodium	Thick foot	pak-uh-PO-dee-um
rigidissimus	Very rigid, most rigid	rig-id-ISS-ih-mus
rubispinus	Red-colored spines	roo-bih-SPIN-us
Rebutia	Named for Pierre Rebut, 19th century French cactus dealer and expert	ray-BEW-tee-uh
spinosissima	Most spiny, spiniest	spin-oh-SIS-ee-muh
Sanseveria	Named for Prince Raimond de Sansgrio de Sanseviero, 18th century patron of botanical expeditions	san-se-VEER-ee-uh
Stenocactus	Thin cactus	sten-oh-KAK-tus
Sulcorebutia	From the Latin sulcus (furrowed) and Rebutia (genus named for Pierre Rebut, 19th century French cactus dealer and expert)	sul-koh-ray-BEW-tee-uh
triglochidiatus	From the Greek tri (three) and glochis (a point), referring to the fruit of some species	1. try-glo-ky-dee-AY-tus 2. try-glo-kid-ee-AY-tus
Thelocactus	From the Greek theles (nipple) and cactus	thel-oh-KAK-tus
virens	Green	VEER-enz
viscosa	Sticky	vis-KOH-suh



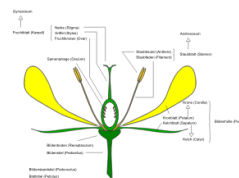
CALENDAR OF UPCOMING EVENTS FOR 2016

- Jan. 16 **CSSA Desert Forum** – HUNTINGTON Botanical Gardens
1151 Oxford Road, San Marino, CA., Info: 626-405-3504
- Feb. 13 **San Diego Cactus and Succulent Society, Spring Show and Sale**
Balboa Park, Room 101, San Diego, CA—Info 858-382-1797
- Mar. 18-19 **Orange County Cactus and Succulent Society Spring Show and Sale**
Thurs. 17th 6-8pm---Fri. Mar. 18th 9-7pm---Sat. Mar. 19th 9-5pm
1000 S. State College Bl., (Anaheim United Methodist Church) Anaheim, CA. Info: 562-587-3357
- Apr. 9-10 **South Coast Cactus and Succulent Society Show & Sale**
South Coast Botanical Gardens, 26300 Crenshaw Blvd., Palos Verdes, CA. Info: 310-378-1953
- Apr. 24 **Huntington Plant Sale** 10 to 4:30 Huntington Botanical
Gardens, 1151 Oxford Road, San Marino, CA. 626-405-3504
- May 1 **South Bay Epiphyllum Society Show and Sale**---9am To 4pm
South Coast Botanical Gardens, Info. 310-833-6823
- Apr. 30, May 1 **Sunset Cactus and Succulent Society Show and Sale**
Veterans Memorial Center, Garden Room, 4117 Overland Ave., Culver City, CA. Info: 310-822-1783
- May 13-14 **Gates Cactus and Succulent Society 34th Show and Sale**
Fri & Sat 9-4:30pm, At Land Scapes Southern California Style
450 E. Alessandro Blvd., Riverside, CA Info. 951-360-8802
- May 21-22 **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 28-29 **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 11-12 **Los Angeles Cactus and Succulent Society Plant Show and Sale** 11th 9-5—12th 9-3:30
Sepulveda Garden Center, 16633 Magnolia Blvd., Encino, CA., Info. www.lacss-show.com
- June 4-5 **San Diego Cactus and Succulent Society –SUMMER Show and Sale**
Balboa Park, Room 101, San Diego, CA. Info: 858-382-1797
- July 1-3 **CSSA Annual Show and Sale** –HUNTINGTON Botanical Gardens
1151 Oxford Road, San Marino, CA., 626-405-3504
Plant sales start July 1st thru July 3rd. The show opens July 2nd thru July 3rd
- July 22-23 **Orange County Cactus and Succulent Society Summer Show and Sale.**
Thurs. 21st 6-8pm, Fri. July 22nd 9am-7pm, Sat. 23rd 9-5pm
1000 S. State College Bl., (Anaheim United Methodist Church) Anaheim, CA. Info: 949-212-8417
- Aug. 13-14 **31st 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. 3 **Huntington Botanical Gardens Succulent Symposium**
All day at the Huntington 626-405-3504
- Sept. 10 **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. 8-9 **Bakersfield Cactus and Succulent Society Show & Sale**
Sat. 10-5---Sun. 11-4 East Hills Mall, Center Court
3100 Mall View Road, Bakersfield, CA 93306 Info: 661-831-8488
- Oct. 22-23 **Palomar Show and Sale** Sat 9-5, Sun 10-4, San Diego Botanic Gardens
230 Quail Gardens Rd, Encinitas, CA. Info: hciservices@gmail.com. Info: 858-382-1797
- Nov. 5-6 **San Gabriel Cactus and Succulent Society Show and 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

BOTANICAL GLOSSARY

Ever find yourself reading up on a plant and being baffled by some of the botanical jargon? Or maybe you would like to learn the proper terms so you can hold your own in a conversation with botanists. Or maybe you just want to impress friends and neighbors with your scientific knowledge.

So here is the next part of our attempt at a dictionary of botanical terms, more to follow later.



N

NAVICULATE - boat-shaped.

NECROTIC - applied to dead tissue.

NODE - the part of the stem that gives rise to the leaf and bud.

NOMEN NUDUM - the name of a taxon that has never been validated by a description.

O

OB - prefix indicates inversion.

OBTUSE - with a blunt or rounded tip.

ORBICULAR - flat with a circular outline, disc-like.

OVARY - the part of the pistil that contains the ovules (immature fruit).

OVATE - egg-shaped, usually with reference to two dimensions.

OVOID - egg-shaped, usually with reference to three dimensions.

OVULE - the young seed in the ovary.

© Copyright 1999-2004 Succulent Plant Site, All Rights Reserved, www.succulents.co.za

MEMBERSHIP NEWS - Submitted by Dale LeForest

Last month we introduced four new members.

Jo Boehm enjoys succulents, but not the “spiny ones”. She joined last October and lives in Rancho Palos Verdes.

Anne Nye volunteers at propagation at the SCBG and joined us last month. She lives in Rancho Palos Verdes.

John Nisewater joined us last month. He has been collecting and growing succulents for 40 years in his yard in Torrance

Beth O’ Gorman joined last month after coming as a guest. She prefers her succulents to not be cactus. Beth lives in Torrance

BOARD OF DIRECTORS FY2015-2016

Officers:

President	Dale La Forest
Vice President	M.A. Bjarkman
Treasurer	Bernard Johnson
Secretary	Maria Capaldo
Parliamentarian	Philip Johnston Ross

Liaisons:	CGCI	Lou Hagemeyer
	CSSA	Laurel Woodley

At Large Members:	Anita Caplan
	Bob Caplan
	Lou Hagemeyer

Standing Committee Chairs:

Show & Sale	Heidi Husnak
	Nancy Jengo
Programs Committee	Gary Duke
Finance Committee	Jim Hanna
Membership Committee	Sally Fasteau
Communication Committee	Mike Short
Newsletter	Mike Short
Webmasters:	Mike Short
	Laurel Woodley

Editor's Corner



Thanks to Jade Neely and Gary Duke for supplying the Presenter of the Month material and POM list.

Thanks to Jim Tanner for supplying the Mini-Show and Plant of the Month material.

Contributions to the newsletter are encouraged, especially articles of an educational nature.

Also information on upcoming events that might be of interest to club members are welcomed.

Humorous articles, photos, cartoons, or poetry also welcomed. All submissions should be accompanied by the proper attribution when required by the original author(s).

Mike Short - Editor.