

Espinias y Flores

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

Volume 52, Number 4

April 2017



Adansonia grandidieri on the Avenue of the Giants on the Island of Madagascar - Photo by Jeremy Spath

Upcoming

Two Coffee in the Garden Events

April 15th at the Home of Wanda Mallen and Gary Vincent
and April 22nd at the home of Nancy and Reid Hoover

SDCSS General Meeting - April 8th, 1 - 4 pm

Pre-Meeting Workshop 11:00 am
Grafting by Mark Fryer

New Member Orientation 12:30, by Pat and Jay

Plant of the Month:

Plants of the San Diego Zoo by Leslie Sheridan

Look Inside

April Program
Exceptional Plants in Habitat, Near and Exotic
by Jeremy Spath

Hartmanthus pergamantaceus
An Article By Brian Kemble

Agave Snout Weevils
An Article By Jeff Schalau

SDCSS Summer Show & Sale - June 3rd & 4th
Information and Volunteer Opportunities

See inside for more details on these events

San Diego Cactus & Succulent Society

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Aloe capitata quartziticola, Intremo Madagascar
Photo by Kelly Griffin

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President's Message



Spring is finally here! I know we don't have terribly harsh winters (patchy fog can be such a nuisance) but I am always glad for warmer days. The recent rains have the plants plump and some have started blooming. The weeds however are on steroids. That's a whole other topic to deal with.

We had a nice meeting in March, with all the attributes of our meeting working well. There was a nice selection of plants and pots for sale, the library was busy, Tina and Chuck did a great job on the Benefit Drawing Table, the plant exchange had a wide selection to choose from, Erik Gronborg gave us a nice talk on a public garden, and Woody gave an interesting talk on growing the plants we love. I judged the Brag table and Kelly had to explain what I did. Our new members receive a great orientation from Jay and Pat, and Brian gave a wonderful workshop on growing from seed. The day was enjoyed by all.

Coffee in the Garden was a twofer with Tina Zucker's before the meeting, and the Safari Park Gardens after the meeting. What a wonderful way to share our hobby. For our newer members to see how the plants work in landscapes and pots, to see how the plants grow in the ground, and the creative way plants are used is a gift that is priceless. This month we have two gardens to visit again. Please look at the write ups in the newsletter for information. From June on we are open to visit other gardens. If you would like to open your garden to our members contact me and let me know what month you would like to hold your Coffee in the Garden. The club provides a stipend to cover the cost of drinks and treats.

Thanks to all the volunteers at our meeting who work so hard to make sure it is a great day for the rest of us. Thanks to the vendors for providing us with our fix in plants and pots. I look forward to seeing everyone at our meeting in April.

~ Chris Miller

April Program

Exceptional Plants in Habitat Near and Exotic

By Jeremy Spath



Jeremy began his plant career at the San Diego Botanic Garden. While at the gardens, he was exposed to many different plant groups but was most attracted to succulents, cycads, bromeliads, palms and bamboos – which, amusingly, one docent at the gardens once referred to as man plants. During this tenure, Jeremy felt an urge to travel into the field to study the plants he loved to grow and has been hooked since the first trip. After five years of overseeing the collections at SDBG, he left the gardens to launch his landscape company, Water's Path.



Water's Path
Landscape Design
760-277-3969
Contractor's License #702208

Additionally, Jeremy works for Rancho Soledad Nursery in Rancho Santa Fe, California, overseeing seed propagation and succulent hybridization. Jeremy spends most of his days working with plants, but is happiest in the field, since to him, nature is truly the best landscaper. Jeremy will be bringing plants to sell at the meeting.

April Pre-meeting workshop: Grafting, by Mark Fryer

Do you want to learn how to graft cactus? Join Mark Fryer at the 11:00 am Pre-Meeting Workshop held in the lunchroom in Room 101, just prior to the April General Meeting. Not only will Mark show you how to graft cactus but he will let you in on a few tips and tricks for handling our spiny friends. Included in the demonstration will be a quick discussion of how and why we graft (an end to a means usually), some examples, a little on how cactus and succulents grow (and why it may or may not be beneficial to graft), and long-term results.

Photo: An old "Grafting for Art" piece created by Mark Fryer



Two Coffee in the Garden Events are planned in April

**Wanda Mallen
and Gary Vincent
Saturday, April 15th,
10:00 am - 2:00 pm**

3856 Cedar Vale Way, Fallbrook

You are invited for a revisit to Wanda Mallen and Gary Vincent's two-acre botanical wonderland in Fallbrook. Since last year's visit there have been several more garden vignettes added, and of course with all the rain we've had the garden is looking spectacular.

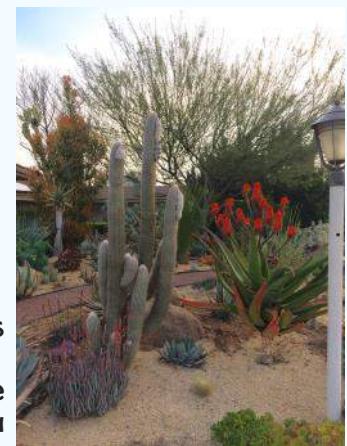
As before, the Palomar Club and the Hort Society have also been invited. There will be refreshments and pots and plants available for purchase and/or giveaway.

You don't want to miss this!



**Nancy and
Reid Hoover
Saturday,
April 22nd**

10:00 am - 2:00 pm
17066 Tesoro Drive,
Rancho Bernardo



Our fascination with cactus and succulents began in Oregon where we were able to grow some of them in a large raised bed, complete with plexiglass rain shields. Eleven years ago, we moved to Rancho Bernardo where we expanded the collection. Since that time, we have had a few garden remodels and have been on two garden tours.

The front yard is almost exclusively cactus and succulents and a large potted collection; and on the east side of the house is another potted collection. Ornamentals, citrus, and edibles make up the remainder.

Please stop by and visit! Coffee and refreshments will be served.

Directions:

Take the Rancho Bernardo Road exit off the I-15 and head east for about a mile. At the 3rd stoplight, take a left onto Bernardo Oaks Drive, a right which comes quickly onto Frontera Road and then a left onto Tesoro Drive. We are on the left at 17066 Tesoro Drive.

PLANTS FOR SALE

Chris Miller just picked up several large plants on an Azania Donation. They are at Chris' house and they are for sale. There are several barrel cactus, a large and medium size *Alluadua procera*, two agaves, a four foot Dragon Blood Tree and some other cactus. She wants to pass them along to new homes - ASAP. If you are interested, please contact Chris: c.miller@cox.net or (619) 990-2051. First come, first serve.

Hartmanthus is a genus of only two species in the Ice Plant Family (Aizoaceae). Both are native to the lower valley of the Orange River, along the border between South Africa and Namibia. Prior to 1995, when Steven Hammer created the genus Hartmanthus, the two species now placed within it were included in the large genus *Delosperma*. This inclusion was based on the fruit structure, but vegetatively there are significant differences. Leaves in *Delosperma* are generally soft, not very long-lasting and not highly succulent. In contrast, the leaves in *Hartmanthus* are hard and long-lasting, and the general appearance of the plants does not bring *Delosperma* to mind. Furthermore, most species in *Delosperma* are from the eastern part of South Africa and on northward through East Africa to the Red Sea. All in all, it seems sensible to treat *Hartmanthus* as a separate genus.

The two species in *Hartmanthus* are *H. pergaminateceus* and *H. hallii*. Neither is widely grown, so most succulent enthusiasts are not familiar with them. The type species is *H. pergaminateceus*, which is a little larger and has smooth leaves, while *H. hallii* is more compact and has roughened leaves. The flowers of *H. hallii* are rose-pink, while those of *H. pergaminateceus* range from white to pink. On travels to the Namibia – South Africa border area, I had not encountered either species before September 2016, when (along with fellow travelers Kelly Griffin and Walker Young) I went on an all-day hike up a mountain called the Sonberg, located to the north of the Orange River in southern Namibia. The mountain is a little over 600 m high (2,000 ft.), and the area is very arid, with an annual rainfall of only a few inches. On the hike up, we saw many interesting succulents, including *Aloe gariepensis*, *Aloe pearsonii*, *Aloe pillansii*, *Pachypodium namaquanum*, and various mesembs. But we did not see any *Hartmanthus* until the last 15 m (50 feet) of the climb, when the rock changed to limestone. Suddenly there were lots of plants growing in exposed positions among the rocks, and some of these had open flowers. As with many members of the Aizoaceae, the flowers of this species are open only in the afternoon. There were other succulents present at the top of the mountain as well, such as *Monsonia inermis* (*Sarcocaulon inerme*) and *Crassula sladenii*.

Hartmanthus pergaminateceus forms a small clump as a young plant, but eventually it can grow to be a shrublet well over a foot tall, at least in some populations. The size attained by plants is variable from one population to another, and at some locations plants never get this large. The leaves are smooth, 3-sided and pale, with the color ranging from pale milky green to silvery white, sometimes with a pinkish tinge. They are up to 70 mm long (2½ inches). The face toward the center of the plant is the smallest and is more or less canoe-shaped, while the other two faces are enlarged by the humped keel so as to be dome-shaped. Under dry conditions, the leaves become wrinkled and slim down to become thin wedges.

The flowering season for the species is mainly in winter and early spring, with the flowers opening during the afternoon and closing at dusk. When fully open, the flowers are about 3.8 to 4.4 cm in diameter (1½ to 1¾ inches). Depending on the population, the flowers may be all white, all pink, or a mixture of the two.



Hartmanthus pergaminateceus

by Brian Kemble



Photo captions

Top row, left to right:

- *Hartmanthus pergaminateceus* at the summit of the Sonberg. Under dry conditions, plants can look scruffy.
- A younger plant of *H. pergaminateceus*, looking plump and happy.
- *Crassula sladenii*, with its plump, glaucous red-edged leaves. It looks like a giant version of the much more commonly Grown *C. perforata*

Middle row, left to right:

- An old plant of *H. pergaminateceus*, with an open flower at lower left and the remains of several spent ones at right.
- A close-up of a flower.

Bottom row, left to right:

- *H. pergaminateceus* in flower.
- View from the summit of the Sonberg. The Orange River flows from left to right across the center of the photo, with South Africa's Richtersveld National Park on the far bank.

**Plant of The Month Presentation
PLANTS OF THE SAN DIEGO ZOO
By Leslie Sheridan**



The San Diego Zoo is usually known for it's amazing collection of animals, however unbeknownst to many, there is an equally if not more varied collection of plants from around the world. Leslie will talk about several of the botanical gardens she discovered within the park including Palms and Cycads, an edible garden, and native California and Hawaiian gardens. She will present beautiful photographs taken during her recent visit to the Zoo. Photos by Leslie Sheridan.



San Diego Zoo Safari Park

News from the Safari Park's Old World Garden

The Old World Garden (OWG) is awash in blooming aloes right now. Orange and yellow flower stalks are everywhere you look. The tall, peach-colored flower stalks of *Aloe vanbalenii* stand out, as do the *A. vanbalenii* with yellow-gold flowers. We expect that many aloes will be in bloom for a while longer.

We added mulch this year to reduce weeds and add nutrients. We're now observing the garden to see if this may have aggravated our pest problem. We've been working with the Safari Park Horticulture Department to tame the many ants and aphids that seem to be prevalent this year. The Department used Mother Earth® scatter bait to treat the ants and M-Pede® insecticidal soap to treat aphids. We've been following up with spot treatment in problem areas with generally good results.

We also started a small aloe hybrid garden, located close to the walking path for easy viewing.

Thanks again to those of you that provided passes to the Safari Park so that others may enjoy a visit to the OWG, rescheduled to March 18.



The next General Meeting will be held on April 8th, 1:00 - 4:00 pm

Room 101, Casa del Prado, Balboa Park

Pre-Meeting Workshop - 11:00 & New Member Orientation - 12:30

Details on Program, Plant of the Month, and Pre-Meeting Workshop can be found above and on page 3

Please bring a snack to share!



Aloe rupestris by Norm and Linda Swanberg

SDCSS 2017 Summer Show & Sale

**Saturday & Sunday
June 3rd & 4th**

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

**Sale: Saturday, 10:00 - 5:00
& Sunday, 10:00 - 4:00**

**“Members Only” Shopping,
Saturday 9:00 - 10:00**

**Silent Auction
Saturday through Sunday
Bid on World Class Plants**

Additional Show & Sale Information

Take advantage of the opportunity to view, buy, and bid on some of the most interesting and difficult to find cactus and succulent plants in the world.

For an easier parking experience, consider parking at Inspiration Point on Presidents Way and riding the Free Balboa Park Tram. Information: www.balboapark.org/visit/parking

BYOB - Bring your own Box! Plant enthusiasts know the importance of a sturdy cardboard box in which to carry plants. Boxes are provided but are in limited supply. Please bring a box for yourself and a few to share.

Purchase your Club Membership at this event and enter the Sale at 9:00 am on Saturday during the “Members Only” shopping hour.

Bid on World Class Plants at the Auction!

Visit us online at www.sdcss.net





Adult agave snout weevil
Scyphophorus acupunctatus,
(Jennifer C. Giron Duque, University
of Puerto Rico, Bugwood.org).

species including our small native agave species. The agave snout weevil is also a serious pest where blue agave is grown commercially for tequila and in foreign countries where agaves have been introduced as landscape plants. A similar species also colonizes yucca plants and is also present across much of Arizona (*Scyphophorus yuccae*).

Agave snout weevils are beetles about 6/10 inch (15 mm) in length, brownish-black and have a dull body. Being a weevil, it has a protruding snout and chewing mouthparts. The adult female enters the base of the plant to lay eggs in the spring. These eggs hatch into larvae (grubs) that feed on the succulent core of the plant. The weevil's damage is significant, but the weevil opens the plant to decay microbes which enter the plant causing it to die and collapse from the base upward. The larvae have chewing mouthparts and develop in the dying plant, pupate, and often infect other agaves nearby. These symptoms are almost always associated with infestations by the agave weevil, and it is currently thought that this disease would not develop if not for the weevil damage. I would not be surprised if further investigation revealed that weevils purposely harbor and introduce the pathogens to expedite the decay process making the agave easier to colonize and feed upon by snout weevils.

Control of the agave snout weevil is difficult. Selecting species that are less susceptible and typically smaller than the century plant is helpful, especially in areas where the problem has occurred previously. Minor infestations can be controlled by removing and discarding the affected plants. With rare or special specimens, chemical prevention using a broad-spectrum insecticide applied to the soil at the base of the agave plants in spring would also be effective in controlling agave snout weevil populations. Diazinon granules were once used to control agave snout weevils, but it is no longer available to home gardeners. Imidacloprid or cyhalothrin granules are a suitable replacement for Diazinon when soil applied insecticides are deemed necessary.

If the situation I described above (with hundreds of larvae were present) were on my property, I would try using a "least-toxic" contact insecticide such as insecticidal soap or spinosad to kill the larvae before they could colonize adjacent agaves. I would also consider replacing Agave americana with smaller, cold hardy agave species such as *A. parryi* or *A. harvardiana* which should be less attractive to the agave snout weevil. If I were an Agave collector, I would also consider spring applications of the above mentioned insecticides to protect valuable and/or rare specimens, but only after trying least toxic treatments first.

I would imagine that native birds (roadrunners, quail, jays, etc.), domestic poultry and other insectivorous animals would be interested in eating agave snout weevil larvae and pupae. An infested plant would need to be broken open to expose the immature weevils, but I bet some hungry critter would be interested in eating this concentrated food source. I have included photos of the dead agave, agave snout weevil larvae and pupae, and additional resources below.

Follow the Backyard Gardener on Twitter – use the link on the BYG website. If you have other gardening questions, call the Master Gardener help line in the Camp Verde office at 928-554-8992 or e-mail us at verdevalleymg@gmail.com and be sure to include your name, address and phone number. Find past Backyard Gardener columns or provide feedback at the Backyard Gardener web site: <http://cals.arizona.edu/yavapai/anr/hort/byg/>.

Agave Snout Weevils - "The Backyard Gardener" February 3, 2016

Jeff Schalau, Agent, Agriculture & Natural Resources
University of Arizona Cooperative Extension, Yavapai County

The agave snout weevil also known as the sisal weevil, feeds on many species of agave and can be especially damaging to the larger species such as century plant. The century plant and its cultivars have been widely used in the residential and commercial landscape industry. The agave snout weevil will also feed on other agave species including our small native agave species. The agave snout weevil is also a serious pest where blue agave is grown commercially for tequila and in foreign countries where agaves have been introduced as landscape plants. A similar species also colonizes yucca plants and is also present across much of Arizona (*Scyphophorus yuccae*).



Dead *Agave americana* colonized by agave snout weevils, *S. acupunctatus*, in Cottonwood, AZ (Jeff Schalau, University of Arizona Cooperative Extension).



Closeup of dead *Agave americana* showing larvae and pupae of agave snout weevils, *S. acupunctatus*, in Cottonwood, AZ. Larvae are rounder and lighter colored. Pupae are darker and longer with distinct horizontal bands (Jeff Schalau, University of Arizona Cooperative Extension).

"Jean Nordstrom and Mike Velasquez help us with maintain our yard. They were here today, and Mike was asked to clean up some Agave americana variegata that seemed to have rotted out at the base. This fate had befallen several other of our agave over the last couple of years. Jean poked around in the debris and found a grub, did some sleuthing, and found the culprit - Agave snout weevil."

~ Paul Maker



Agave weevil grub found in *Agave americana* variegata that had rotted at the base.
Photo by Jean Nordstrom

We Need You! Volunteer Opportunities....

Summer Show/Sale Workshop Coordinator:

We need someone to manage the Summer Show and Sale workshops which will be held on Saturday afternoon. There will be 5-6, 30 minute workshops on various subjects. The Coordinator will schedule the presenters prior to the event, manage the setup, and coordinate on the date of the event.

Summer Show/Sale Volunteers: Our big event will be here before you know it and we will need plenty of helping hands! The turnout of 50+ volunteers for the Spring Show/Sale was amazing and we hope to beat this for the even larger Summer Show.

Library Assistant: Do you love books? Do you love books on cactus and succulent plants? Well, this is the job for you! We are looking for volunteers to assist in the organization and checking in/out of books during meetings.

Replacement club ID Badges and Membership Cards are available via the club website: http://sdcss.net/sdcss_013.htm, or you may contact Membership at: membership@sdcss.net. Badges and cards are \$3.00 each.

Membership

Member Contact Information

As an SDCSS member, you are provided with current and important updates regarding upcoming events and club information. You also receive a direct link to the monthly newsletter. In order for us to reach you, we need to make sure your contact information is always current.

Please let us know if there has been a change to your phone, home address, or email address. You may inform us by email: membership@sdcss.net, or online: http://sdcss.net/sdcss_014.htm

We value and respect your privacy. Your contact information will not be shared with a third party, nor will it be sold or used for purposes other than for Club business and announcements

Our Amazing Brag Table Volunteers....

Thank you to Denise Huntsman-Griffin for providing detailed plant, owner, and place information, and to Tina Zucker for photographing and cataloging the winning Brag Table plants. A lot of work goes into this monthly project and their efforts are much appreciated!

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

March Brag Table Winners

CACTUS

Novice

- 1st Place: Winston Chao - *Mammillaria varieaculeata* (1)
 2nd Place: Julia Chimento - *Mammillaria pilcayensis* (2)
 3rd Place: May Foytto - *Mammillaria plumose* (3)

Intermediate

- 1st Place: Candy and Jerry Garner- *Mammillaria bombycina* (4)
 2nd Place: Chuck Ramey- *Neoporteria nidus* var. *senilis* (5)
 3rd Place: Penny Sommerville - *Stenocactus multicostatus* (6)
 3rd Place: Denise Griffin - *Neoporteria nidus senilis* (7)

Advanced

- 1st Place: Kelly Griffin- *Notocactus uebelmannianus* variegated (8)
 2nd Place: Brian Shepherd - *Echinocereus viridiflorus* (9)

SUCCULENTS

Novice

- 1st Place: Mary Reiser - *Haworthia reticulate* (10)
 2nd Place: Mary Reiser - *Euphorbia obesa* (11)
 3rd Place: Julia Chimento - *Albuca spiralis* (12)

Intermediate

- 1st Place: Chuck Ramey - *Pelargonium* (13)
 2nd Place: Melanie Howe- *Dudleya virens* (14)
 3rd Place: Melanie Howe- *Dudleya candida* (15)

Advanced

- 1st Place: Kelly Griffin- *Aloe* hybrid *castilloniae* cross KJG (16)
 2nd Place: Kelly Griffin- *Aloe* cv. 'Koi' (17)
 3rd Place: Kelly Griffin- *Aloe* cv. 'Voodoo' (18)



11



16



17



18



12



10



5

CACTUS AND SUCCULENT CALENDAR OF UPCOMING EVENTS FOR 2017

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. 29*	HUNTINGTON PLANT SALE 1:00 - 5 pm , HUNTINGTON BOTANICAL GARDENS, 1151 OXFORD ROAD, SAN MARINO, CA. 626-405-3504 * The date and time changed for this event. Please disregard scheduling information posted prior to January 6, 2017
MAY 6-7*	SUNSET CACTUS AND SUCCULENT SOCIETY SHOW AND SALE VETERANS MEMORIAL CENTER, GARDEN ROOM 4117 OVERLAND AVE., CULVER CITY, CA. INFO. 310-822-1783. *Note: Date has been changed. Please disregard scheduling information posted prior to January 6, 2017
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-- SUMMER SHOW & SALE, BALBOA PARK, ROOM 101, SAN DIEGO, CA I INFO. 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. 24*	LONG BEACH CACTUS CLUB ANNUAL PLANT AUCTION -12-5PM, RANCHO LOS ALAMITOS, 6400 BIXBY HILL ROAD, LONG BEACH, CA 90615, INFO. 562-631-5876. Note: Date has been changed. Please disregard previous announcements.
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. 28-29*	PALOMAR SHOW AND SALE SAT 9-5, SUN 10-4, SAN DIEGO BOTANIC GARDENS, 230 QUAIL GARDENS ROAD, ENCINITAS, CA, INFO: BritaMiller1@gmail.com <u>858-776-7216</u> . * Note: Date has changed. Please disregard previous announcements
NOV. 4-5	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
NOV 11	SDCSS Members: Due to the unavailability of our normal meeting venue, the club Summer Picnic will be held in November at the San Diego Botanic Garden in Encinitas, CA. More details will be provided at a later date.
DEC 9	SDCSS HOLIDAY PARTY

2017 SDCSS General Meeting Schedule: April 8, May 13, July 8, August 12, September 9, October 14