



Open Gates

A publication of the
Gates Cactus & Succulent Society
 January 2018



NEXT MEETING, WEDNESDAY, January 3rd at 7:00 PM
AT THE REDLANDS CHURCH OF THE NAZARENE
1307 E CITRUS AVE, IN REDLANDS, CA

Plants of the Month

Cactus – Mammillaria Clusters

Succulent – Aloe

Save the Date!

FEB. 10 - SAN DIEGO CACTUS AND SUCCULENT SOCIETY, WINTER SHOW AND SALE

MAR. 22-24 - ORANGE COUNTY CACTUS AND SUCCULENT SOCIETY SPRING

From the President:

Welcome back from a hopefully well-rested and memorable holiday season for everyone. I'll give a quick synopsis of the club activities being planned or already scheduled for 2018. Here's to the start of another year where we have new and returning guest speakers who will share their succulent experience with the club. Presenting first will be this month's talk on rock gardening with which we will learn many new landscaping techniques. As other presentations are being finalized, do not hesitate to offer some of your input on topics and speakers for these talks. The schedule for the 2018 individual club show and sale is in available here in the newsletter. Get the dates on your calendar! Our monthly mini-show plant list will help you prepare your plants for that particular month. Please enter your plants in the show as you may be a winner for the Joe Wujcik pottery come December.

Although the first club show and sale will start in February, the annual Huntington Botanical Garden's Desert Forum will be on the second weekend of this month. This event is not open to the public but is specifically offered to CSSA and its affiliate clubs and members. Therefore, as members, I hope you do take advantage of this opportunity to experience one of the Huntington's many prized and well-known collection. There are specific guidelines to enjoying this day-long forum but it is FREE for you when you follow the instructions. The details are also available here.

The Gates CSS show and sale has a new venue for 2018 and it will be right here where we meet monthly. The planning committee has initiated some work already as this new location will have some new obstacles to consider. That said, we will certainly need more volunteers to assist during the next five months.

The date for our show and sale will be May 11- 12, 2018. See you all at our first meeting...

Regards, Phuc.

President	909-910-9195	Phuc Huynh	Director		
Vice President	760-881-0184	Trisha Davis	Director	909-567-4027	Andrew Gould
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Sales Chair	909-910-9195	Phuc Huynh			
Cactus Rescue	330-986-6313	Jeff Leow			
Program chair	661-406-9816	Woody Minnich			

Leadership Team 2018

Our Program This Month



Marcia Tatroe

"Rockin' with Cacti and Succulents."

If you want to succeed with a collection of cacti and succulents outside, a rock garden is the ideal environment. Raised beds allow you to provide soil that is compatible to the plant's needs. Rocks help protect against weather extremes, while moderating temperature fluctuations enough to increase hardiness by a zone or two.

This presentation considers stone selection, the basics of construction, and reveals rock garden tricks and techniques that will help make your garden flourish.

BIO

Marcia Tatroe writes the monthly "Mountain Garden Checklist" for Sunset Magazine and is a frequent contributor to *Colorado Gardener* and other gardening publications.

Her photography and gardens have been featured in numerous books, magazines and nationally televised gardening shows. She lectures throughout the West focusing on garden design, rock gardening, xeriscape, and native plants.

In her most recent book, *Cutting Edge Gardening in the Intermountain West*, she advocates using drought-tolerant and native plants and indigenous materials to create a gardening aesthetic unique to this region.

Her garden was awarded Gold Habitat Hero status by the Audubon Rockies in 2017 as an outstanding urban wildscape.

Mini Show 2017 Results

Please remember to CLEARLY fill out the Mini show entry forms. Incomplete or illegible forms will be disqualified.

Please note, we will no longer have the Large and Small categories.

Mini Show Points 2017

Mike Madrigal	33
Greg Anna Cavanaugh	32
Karen Roholt	18
Tommy Dodson	14
David Hawks	14
Dick Hammer	13
Karl Trisler	11
Diana Roman	7
Frank Nudge	5
Robin Sands	5
Ann Reynolds	4
Rene Hernadez	4
Judy Horne	3
Rico Leon	3
June Scales	3

Membership Renewal

It's time to renew your memberships.

The dues for **mail** membership are \$35 dollars and **email** membership renewal is \$20 dollars for the year. A membership renewal form is on the last page of this newsletter for your convenience. You can renew your membership with Jo Ann Crabtree at our next meeting or you can mail in your renewal.

Ask the Experts

Have a mystery plant? would you like to know the species name of your plants? Well the experts are here to help! Bring in your plant, or a good picture, to our next meeting and we will call on our expert members to help solve your mystery

Newman Achievement Award

The Hazelle and Davis Newman

Award is given annually to a person or couple who have served the society with contributions of time and talent and have not been so honored before. The nominations must be in writing (none from the floor) and be presented or emailed to the President or the Newsletter Editor prior to the beginning of the January meeting. We will vote on the winner in the February meeting.



Gates Home tour at Helen Huges' home

Plants of the Month for 2018

Cactus	2018
January	Mammillaria Clusters
February	Columnar Cacti
March	Notocactus, Parodia
April	Echinocactus, Ferocactus
May	Best Staged Cacti
June	Astrophytum
July	Photograph
August	Melocactus
September	Miniatures
October	Ariocarpus
	Dead Plant



Our Holiday Party

Succulent	2018
January	Aloe
February	Gasteria, Haworthia
March	Dudleya
April	Miniature Agave
May	Best Staged Succulent
June	Pachypodium
July	Photograph
August	Caudiciform, Pachycaul
September	Miniatures
October	Crassula, Kalanchoe
	Dead Plant



Thank you Sande Martin for the beautiful pot decorations, and Tony for the beautiful plants!

2018 Upcoming Events

FEB. 10 SAN DIEGO CACTUS AND SUCCULENT SOCIETY, WINTER SHOW AND SALE BALBOA PARK,
ROOM 101, SAN DIEGO, CA—INFO 619-990-2051

MAR. 22-24 ORANGE COUNTY CACTUS AND SUCCULENT SOCIETY SPRING
SHOW AND SALE THURS. 22nd 6-9PM---FRI. MAR. 23rd 9-7PM---SAT. MAR. 24th 9-5
1000 S. State College Bl., (Anaheim United Methodist Church) Anaheim, CA INFORMATION CALL 562-
587-3357



T H E H U N T I N G T O N

LIBRARY, ART COLLECTIONS, AND BOTANICAL GARDENS

1151 Oxford Road, San Marino, California 91108 (626) 405-2100

DESERT FORUM

Saturday, 13 January 2018

SCHEDULE OF EVENTS

- 9:00 – 9:45 **Registration**
Please bring your CSSA or affiliated club badge or membership card for admission. In order to receive free admission, you must arrive by 9:45. Late arrivers will need to pay for Huntington admission.
- 9:00 – 10:00 Coffee and doughnuts will be available in the lower part of the Desert Garden
- 9:00 – 11:00 **Desert Garden**
- Knowledgeable staff and docents will be stationed throughout the Desert Garden and Desert Conservatory
 - Aloes will be flowering
- 11:00 – 1:00 **Plant Sales – (exclusively for CSSA and club members)**
Gate opens by the Teaching Greenhouse at 11:00 for plant sales. ***Please, no early bird shopping, and no shopping after 1:00.***

Cash, checks, and credit cards accepted
- 1:00 – 5:00 **Free Time**
Participants are welcome to tour the gardens and galleries from 10:00 to 5:00.

Lunch:

- The café in the visitor center features a variety of sandwiches, salads, and grilled items
- The tea room at Liu Fang Yuan is an option for Asian food
- The coffee shop by the Store offers a small selection of pre-made options

Show and Sale Events of 2018

February 10, 2018 (Winter Show & Sale)	San Diego Cactus & Succulent Society Orange County Cactus & Succulent Society	Balboa Park, Room 101, San Diego 1000 S. State College (Anaheim United Methodist Church) Anaheim, Ca; INFO: 562-587-3357	http://sdcss.net/sdcss_004.htm
March 22 & 23, 2018	South Coast Cactus & Succulent Society	South Coast Botanical Gardens, 26300 Crenshaw Boulevard, Palos Verdes	http://occss.org/wp_occss_new/
April 7 & 8, 2018	Huntington Plant Sale Monterey Bay Area Cactus and Succulent Society	Huntington Botanical Gardens, 1151 Oxford Road, San Marino; INFO: 626-405-3504	http://www.southcoastcss.org
April 29, 2018	Sunset Cactus & Succulent Society	Location of Show & Sale TBD Veterans Memorial Center, Garden Room, 4117 Overland Avenue, Culver City; INFO: 310-822-1783	http://www.mbsucculent.org/
April 28-29, 2018	Sunset Cactus & Succulent Society	South Coast Botanic Garden, 20063 Crenshaw Blvd. Palos Verdes, CA; INFO: 310 833- 6823	http://www.sunsetsucculentsociety.org/
May 5 & 6, 2018	South Bay Epiphyllum Society Gates Cactus & Succulent Society	1307 E. Citrus Ave., Redlands, CA; INFO: 909-910-9195	http://mattslandscape.com/links/
May 6, 2018	Long Beach Cactus Club	Rancho Los Alamitos, 6400 Bixby Hill Road, Long Beach; INFO: 310 922- 6090	http://www.gatescss.com
May 11 & 12, 2018	Central South Coast Cactus & Succulent Society	Ludwick Center, 864 Santa Rosa, San Luis Obispo; INFO: 805-237- 2054	http://longbeachcactusclub.org/
May 19 & 20, 2018	Fresno Cactus & Succulent Society	Clovis Veterans Memorial District, 808 Fourth Street, Clovis	www.centralcoastcactus.org
May 26 & 27, 2018	San Diego Cactus & Succulent Society		http://www.fresnocss.com/
June 2 & 3, 2018 June 2 & 3, 2018 (Summer Show & Sale)	San Diego Cactus & Succulent Society San Francisco Succulent & Cactus Society	Balboa Park, Room 101, San Diego San Francisco County Fair Building at 9 th Avenue and Lincoln Way, San Francisco	http://sdcss.net/sdcss_004.htm
June 9 & 10, 2018	Los Angeles Cactus & Succulent Society	Sepulveda Garden Center, 16633 Magnolia Boulevard, Encino	http://sfsucculent.org/
June 9 & 10, 2018 June 29, 30 & July 1, 2018	CSSA Annual Show & Sale	Huntington Botanical Gardens 1151 Oxford Road LA County Arboretum, 301 No. Baldwin Ave., Arcadia; INFO Tom Glavich 626 798-2430 or Artie Chavez 818-482-8795	www.lacactus.com
Aug 11 & 12, 2018	Annual Intercity Show & Sale Huntington Botanical Gardens Succulent Symposium		http://www.cssainc.org
September 1, 2018	Long Beach Cactus Club	Huntington; INFO: 626-405-3504 Rancho Los Alamitos, 6400 Bixby Hill Road, Long Beach 90615; INFO: 310 922-6090	http://www.sgvcss.com
September 15, 2018	Monterey Bay Area Cactus and Succulent Society	Location: TBD St. Paul's Church, 2216 17th Street, Bakersfield, CA 93304; INFO: 661- 831-8488	http://www.sgvcss.com
September 15 & 16, 2018	Bakersfield Cactus & Succulent Society	San Diego Botanic Gardens, 230 Quail Gardens Rd., Encinitas, CA 92024; INFO: BritaMiller1@gmail.com; 858-776- 7216	http://www.bakersfieldcactus.org/
October 13 & 4, 2018	Palomar Show & Sale San Gabriel Winter Show	Los Angeles County Arboretum, 310 North Baldwin, Arcadia, CA	http://www.PalomarCactus.org
Oct 27 & 28, 2018			http://www.sgvcss.com
Nov 3 & 4, 2018			

Mammillaria Clusters

By: Tom Glavich

Mammillaria is one of the larger genera in the Cactus family, and one of the most variable, with some members remaining as solitary columns for their entire lives, some remaining as fingernail size solitary globulars, some clumped and heavily spined with hooks, straight sharp spines, or feathery soft spines.

Although most Mammillaria are native to Mexico, some species in the genus can be found from Columbia to Kansas and California. With this wide distribution, the cultivation requirements obviously vary considerably. The species from the tropics and warmer areas are rarely tolerant of cold and damp. Those from the drier desert regions are also intolerant of continued damp, but can take considerable cold. With these restrictions aside, most Mammillaria are easy to grow.

The secrets to good growth are a continued supply of fertilizer during the growing season, strong light, and maintenance of a clean and insect free growing environment. The white and densely spined species want full sun, and do best on a table unprotected (except from pro-longed heavy rain) all year long. The appearance of white mealy bug egg cases (Mammillaria's worst enemy) on the tips of the spines or the appearance of ants means that mealy bugs are sucking the sap and life of the plant. Immediate treatment is required, with a thorough washing, and spraying with an insecticide.

Propagation of Mammillaria clusters is easy. Cuttings can be taken at any time during the growing season (April to early November), left to dry for a few days and replanted in a clean potting mix (pure pumice is even better). Rooting is rapid, with short white roots generally appearing after a couple of weeks. Mammillaria are one of the easiest species to grow from seed. The seeds are simply placed on top of a damp potting mix, covered with a light coating of gravel, placed in a plastic bag in bright light, but out of direct sun allowed to germinate. Germination usually occurs in a week or 10 days. The seedlings can stay in the plastic bag for several weeks until they get large enough to survive unprotected, and should then be removed to a still shaded, but brighter and drier environment. Best results are obtained when the seeds are started in late March to late May.



Mammillaria baumii is a densely spined species with wonderful large yellow flowers from Tamaulipas, Mexico



Mammillaria duwei, shown above, is from central Mexico.



Mammillaria standleyii can be found as either a single or clumping species, normal in cultivation. It is a rapid grower.

Aloe

My favorite succulent plants are aloes. No other plant provides the garden presence of a majestic *Aloe* in bloom. They bloom when other plants suited for our climate are shivering in the cold. Their physical structure provides beautiful presence that adds backbone to a landscape.

Whether one chooses a small aloe such as *A. krapholiana* or one of the many diminutive hybrids or a magnificent tree aloe such as *A. dichotoma* or *A. ferox*, the plants show the garden visitor an unmistakable "Succulent Garden" look.

Many aloes are winter blooming plants. The blooms are large and colorful, flowering for several weeks. In particular, those from western South Africa and Namibia are in full bloom in the dead of our winter season. Others, and many of the hybrids bloom at other times of the year, so a carefully selected pallet of aloes will provide year round color.

One of the many benefits of having aloes growing in our gardens is that they attract all species of hummingbirds. From our resident Anna's hummingbird to the several migratory species, we see them sipping nectar from the flower tubes all winter.

They are extremely easy to grow in Southern California. Most of them love our weather and will thrive with just a small amount of supplemental irrigation. If one pays attention to the origin of the plant that is introduced to the garden, success is nearly guaranteed. Well draining soil is the main key to success. The tree aloes will, for the most part take a heavy frost with little or no damage and love our summer heat.

Pests are the normal succulent pests and can be treated with the usual methods, except Aloe Mite. The galls produced by this group of mites are unattractive, but rarely kill the plant. There is a good write up on Aloe Mite and how to deal with it on the Gates web site. The Aloe Mite is part of the population of aloes throughout the world. If one is growing a selection of aloes, there will be Aloe Mite.

Winter is the time to experience these plants full flower. Take advantage of the free day at the Huntington for Gates members as well as the Aloe Walk at Jurupa Mountains Discovery Center and the wonderful plantings at the UCR Botanic Gardens.



Aloe speciose



Aloe ferox



Aloe globuligemma



GATES CACTUS & SUCCULENT SOCIETY
New Member / Renewal

Date: _____

Renewal Year: _____

Name: _____

Spouse, S/O: _____

Address: _____

City/State/Zip: _____

Phone: _____

Email: _____

Annual Dues:

\$20 Newsletter delivered by Email

\$35 Newsletter delivered by Mail

\$10 Name Badge

\$_____ Total Paid

Mail To: Jo Ann Crabtree - 4704 David wy San Bernardino CA. 92404

From: Gates Cactus & Succulent Society
13312 Rancho Rd. Ste 18 PMB 333
Oak Hills CA 92345
FIRST CLASS MAIL