



Sweepstakes Winner

NEW MEETING PLACE

January Plants of the Month:

Cacti: Mammillaria Clusters

Succulents: Aloe

Save These Dates:

January 17 Desert Forum at the Huntington Botanical Gardens

February 7 – San Diego C&SS Winter Show & Sale

February 14 Annual Aloe Walk at Jurupa Mountains Discovery Center

Open Gates

A publication of the

Gates Cactus & Succulent Society

January 2015

**NEXT MEETING, WEDNESDAY, January 7,
NEW PLACE - NEW TIME! 7:00 PM**

**AT THE REDLANDS CHURCH OF THE NAZARENE
1307 E CITRUS AVE, IN REDLANDS, CA. 92374**

From the President:

Happy New Year to everyone and welcome to a new year of some change and improvements. Most notably of course is our new general meeting location. Welcome to the Redlands Church of the Nazarene, our new home! After some delayed logistical obstacles, on behalf of the Gates Cactus and Succulent Society, I have signed a one year contract with the church. I want recognize Carol Theotig, the church's office manager, for her assistance and support to our club. She has made it possible to accommodate our library with a storage area. We have full access to the meeting hall and use of the kitchen area. Carol has also provided us with a key to the meeting hall so that we can more conveniently and independently conduct our meetings. A security personnel is no longer necessary so this will decrease some financial burden from our treasury.

Some of you may be aware that the church is also known as The ARK. In case you are wondering, that stands for Acts of Random Kindness. The Board and I are looking forward to having our first meeting here. You may feel "out of Place" at first but I am confident that you will each quickly settle comfortably for future meetings. The place has many potential for future club usage and activities. Once again, I welcome any suggestions and comments regarding club events and involvements. Detailed map and direction for the ARK are in the newsletter and on our website. Please make appropriate travel time adjustment to get here. Keep in mind that your drive will be during nighttime to the new location for many of you. If you do get lost or need further information, please call me.

Thank you to the Roholts, the Hemenways, Rob MacGregor and Michael Camperos who helped me move our library out of the museum and into its new home at the ARK. We completed the task under an hour and a half with no injuries but a small fingernail break.

Now that you are ready to have fun with cacti and succulents, 2015 will be a busy year for our club.

Continued pg.-2-

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	e-mail: hunyhphu@excite.com		Director	909-499-5865	Crystal Rojas
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Treasurer	951-369-7180	Karen Roholt	Director	951-849-1618	Ray Cardenas
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Membership	951-369-7180	Karen Roholt			
Editor	760-508-3531	Trish Davis			

Leadership Team 2014

As a reminder, if you have not renewed your membership already, please do so with Karen Roholt at the meeting. New dues are in effect now for everyone. There are so many benefits to being a member. You get the monthly newsletter. You get to be a vendor at any club events to sell your plants. You get free admission to many other succulent/cactus-related shows and sales (ie: Huntington Botanical and San Gabriel Show & Sale). Planned field trips can be free or at great discounted cost to members where applicable. You get full participation to any and all club event or functions as members. Your minimal due goes a long way to provide you maximum enjoyment with the club.

You are all familiar with the monthly meeting and mini-shows, learn from the expert sessions, renowned speakers, member home tours, and field trips. This year, however, will be another "first" for the Gates club. For the first time the club will be a co-host chapter to the CSSA Biennial Convention. The event will convene in June and the San Gabriel chapter will be our co-host partner. More information will be finalized in the coming months as we prepare to host this international gathering. I invite everyone to get involved and participate.

In the meantime, let's just enjoy our first meeting in the new home to start out the New Year.
Phuc

January Speaker

Buck Hemenway will present a program on Succulent Show Judging. This will be a chance for those in the club that don't understand it and want to know more about it to get a better feel for what goes on in the judges' minds when making selections in our shows. We will discuss the monthly mini-shows as well as the main Show of the year in May.

2015 CSSA Convention at Pitzer College June 14 – 19 2015

Almost 4 years ago, your Board of Directors voted unanimously to combine forces with San Gabriel Valley Cactus & Succulent Society and invite the Cactus World to our Inland Empire for the biennial Convention of the CSSA. This will be the 36th Convention stretching back to the 1930's.

Every 2 years the Cactus & Succulent crazies in North America get together to put on an extravaganza of succulent knowledge exchange. We invite the premiere authors and speakers from

the world over to give us their best knowledge of their favorite succulent plant genres. Just the chance to have lunch with Ernst Van Jaarsveld, Kelly Griffin, Len Newton, Heidi Hartmann, or to listen to them expound on some plant topic is worth the chance for every succulent nut.

It is incumbent on our two clubs to host an event that both is pleasing for the participants and interesting as well. The planning for this event has been ongoing for more than 3 years.

- We have one extremely interesting facility
- We have speakers invited and confirmed,
- We have Field Trips planned
- We have an Auction ready to go.
- There will be a huge plant sale
- The final sale of bookseller Chuck Everson
- Opening Banquet at the Huntington

Pitzer College presents an extremely interesting venue at which to host this event. The cost of attending a Convention has risen fast over the last 20 years. By going to Pitzer, we have made an effort to reduce the overall cost to the attendee. In addition, for those who have been on campus in the last few years, you'll know that it is now one of the premier display sites for succulent plants in Southern California. Our succulent friends from around the country will be blown away.

So, how do you, a member of the host club get involved? Two ways – pay the registration like any other member of CSSA or VOLUNTEER to help put on the show. **Volunteers (active members of the 2 host clubs) who will commit to at least 10 hours of service in the planning or execution of the event will be able to attend the lectures free of charge.**

We are looking for people to head various committees. They include:

- Security
- Auction
- Closing Banquet
- Room Assignment, check in and check out
- Opening Reception
- Welcome Bags - Eunice Thompson San Gab.)
- Printed Program, execution and Sales,
Isabelle Moon (Gates)
- Registration

Please see me at the next meeting if you have interest in heading any of the committees listed.

Buck

Plants of the Month 2015

	Cacti	Succulents
January	Mammillaria Clusters	Aloe
February	Columnar Cacti	Haworthia/Gasteria
March	Notocactus/ Parodia	Dudleya
April	Echinocactus/ Ferocactus	Miniature Agave
May	Best Staged Cactus	Best Staged Succulent
June	Astrophytum	Pachypodium
July	Photograph	Photograph
August	Rebutia/ Sulcorebutia	Caudiciform/ Pachycaul
September	Miniatures	Miniatures
October	Crests/Monstrose/Variegates	Crests/Monstrose/Variegates

Coming Cactus & Succulent Events

- FEB 7 San Diego Cactus & Succulent Society , Spring Show & Sale
Balboa Park, Room 101, San Diego, CA—INFO 858-382-1797
- MAR. 27-29 Orange County Cactus & Succulent Society, Spring Show & Sale
Sale Friday and Saturday, March 27 & 28 9 – 5:00 PM; Sun March 29 12-4PM
1000 S. State College Bl., (Anaheim United Methodist Church) Anaheim, CA
INFORMATION CALL 562-587-3357
- April 11 -12 South Coast Cactus & Succulent Society Show & Sale;
South Coast Botanic Garden, 26300 Crenshaw Blvd., Palos Verdes CA
Info: 310-378-1953
- April 26th Huntington Plant Sale, 10 til 5:00 PM
Huntington Botanical Gardens, 1151 Oxford Road, San Marino, CA
Info: 626-405-2160
- May 3 South Bay Epiphyllum Society Sow & Sale, 9 AM til 4 PM
South Coast Botanic Garden
Info: 310-833-6823
- May 2 & 3 Sunset Cactus & Succulent Society Show & Sale
Veterans Memorial Center, Garden Room; 4117 Overland Ave, Culver City CA
Info: 310-822-1783
- MAY 15-16 Gates Cactus & Succulent Society Show & Sale
Friday & Saturday May 15 & 16 9:00 - 4:30
at Landscapes Southern California Style
450 E Allesandro Blvd, Riverside, CA
Info: 951-360-8802

Desert Forum at the Huntington Botanical Garden: This is the Huntington's way saying Welcome to the Cactus & Succulent world> They invite us to tour the grounds and buy plants with NO admission charge. All you need to do is show up between 9:00 and 10:00 AM on Saturday, January 17. Anyone arriving after 10:00 will not necessarily be invited in free. You must be prepared to show evidence of your membership in a Cactus & Succulent Club.

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 and 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 speciosa



Aloe ferox



Aloe globuligemma





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

BOTANICAL GARDENS

DESERT FORUM

Saturday, 17 January 2015

SCHEDULE OF EVENTS

- 9:00 – 10:00 **Registration**
Please bring your CSSA or affiliated club badge or membership card for admission
- 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**
Gate opens by the Teaching Greenhouse at 11:00 for plant sales - ***please, no early bird shopping***
Cash, checks, and credit cards accepted
- 1:00 – 4:30 **Free Time**
Attendees are welcome to tour the gardens and galleries as of 10:30

Lunch:

The Rose Garden Café features a variety of sandwiches and grilled items
The tea room at Liu Fang Yuan is a lovely option for fresh Chinese food

Don't miss:

“Beautiful Science: Ideas that Changed the World” in Dibner Hall (Library building)
The newly renovated Japanese Garden
Liu Fang Yuan, the Garden of Flowing Fragrance (Chinese Garden)



GATES CACTUS & SUCCULENT SOCIETY
New Member / Renewal

Date: _____

Year: 2015

Name: _____ Spouse, S/O: _____

Address: _____

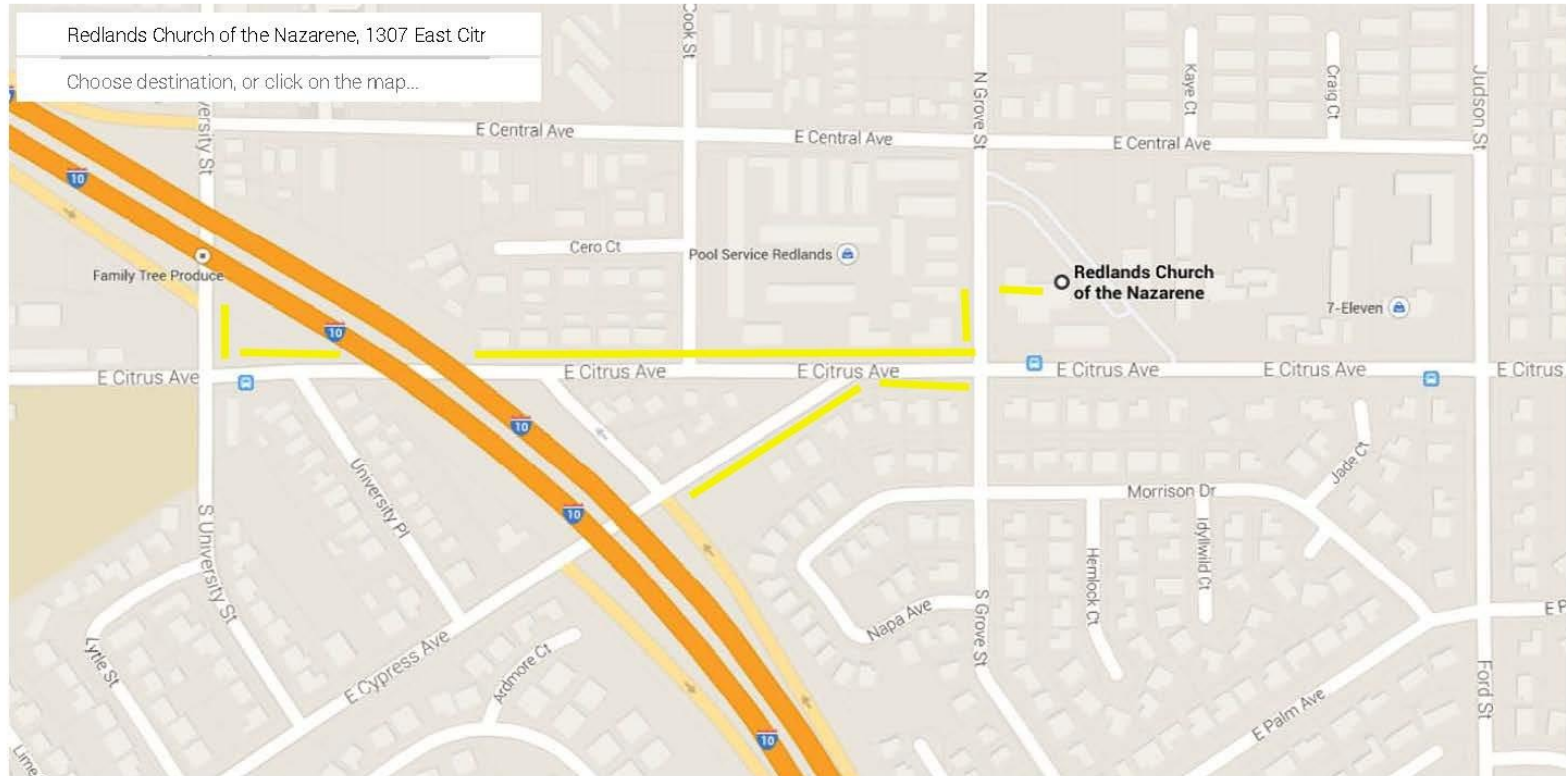
City/State/Zip: _____

Phone: _____

E-mail: _____

Annual Dues:	\$20.00	<input type="checkbox"/>	Newsletter delivered electronically		
	\$30.00	<input type="checkbox"/>	Newsletter delivered by Mail		
	\$5.00	<input type="checkbox"/>	Name Badge	\$ _____	Total Paid

Mail to: Karen Roholt - 835 Kentwood Dr., Riverside, CA 92507



Redlands Church of the Nazarene
1307 E Citrus Ave
Redlands, CA

Traveling east bound from San Bernardino on I-10, exit on University. Turn right on University and then left on Citrus to the church.
Traveling west bound from Yucaipa, on I-10, exit on Cypress. Turn right on Cypress, then right on Citrus to the church.

From: Gates Cactus & Succulent Society
14278 Desert Rose St
Hesperia, CA 92344