

*Mammillaria thornberi*

# Espinas y Flores

*The Newsletter of the San Diego Cactus & Succulent Society*  
Affiliated with the Cactus and Succulent Society of America

**Volume 49 Number 10**

**November 2014**



**Regular Meeting** is November 8th at 1 pm, Room 101 Casa del Prado in Balboa Park  
**Workshop** is at 11, **Growing The Winter Mesembs From Seed To Adulthood** by  
Chris Dawson

**Plant of the Month** is **Aeoniums** by Kienan Parr

**Program** is **The Amazing & Diverse Baja California Flora** (with a Succulent  
Emphasis) by Jon Rebman (seen above)

**Coffee in the Garden** will be at the Miller's on Saturday November 22nd

If your last name starts with N through Z please bring treats for the meeting.

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## President's Message

I would like to thank Tim Harvey for the well received program on Tissue Culture that he presented last month. It was a different sort of topic and yet I am sure insightful to all that attended.

We have Jon Rebman to look forward to this month and he will be discussing the diversity of the flora in Baja. He is an outstanding speaker and will be sharing about a subject which he is extremely qualified to do so.

We have some interest in the Newsletter editing department but if you are keen on this, now is the opportunity to step up and take the reigns so to speak. In that same vein, we also have a need to have someone coordinate the brag plant table. Candy Garner has agreed to cover one more month but we do have a need for the January meeting. It is only 8 times a year that you have the duty (we only have the brag table when we have a regular meeting) and although it is important, it is not a huge task. Please talk to Chris at the November meeting or Chris or Kelly at the Holiday party.

On that subject, our November brag table will be out of the ordinary ( as usual! ) It is the annual Faux Plant brag table. Bring in your most creative, inspiring, crazy phony plant and leave the real plants at home.....

The nomination committee has a slate of Officers and Directors (thanks for your work!) additionally we will take nominations from the floor in November as well. I look forward to working with the new board!

The Holiday party is looming. Please sign up and pay either on our website or at the meeting. We have much planned and want you to be a part of it! Keenan Parr, Peter Walkowiak and I will have an assortment of the weirdest, prettiest plants we can find for the gift plants ~ so you don't want to miss out.

As it turns out, I will miss the meeting due to a schedule conflict. I see a talk coming out of all this at some point!

I wish you all the best and I will be seeing you soon!

Kelly G

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**Notice:** SDCSS is looking for someone willing to take on managing the Brag Table. After several years of doing an excellent job Candy Garner has stepped down. We thank her for all her hard work. Candy was kind enough to develop a Job Description for the task. Contact Chris Miller if you are interested.

## Brag Table Job Description

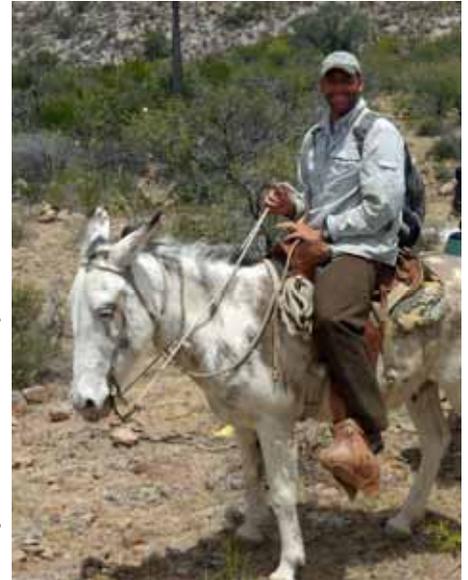
- ◆ Create and print signs for three tables for Novice, Intermediate, and Advanced for cactus and succulent entries; (as required)
- ◆ Create and print signs of requirements for entries, e.g. must have owned/grown the plant for a minimum of six months or more; (as required)
- ◆ Create and print signs for "Please Do Not Touch the Plants"; (as required)
- ◆ Create, print, and cut entry forms in green (novice), yellow (intermediate) and blue (advanced); (monthly)
- ◆ Create, print, and cut coupons for winners in same colors for 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place for each level's winners; (monthly)
- ◆ Deliver monthly coupons to the President prior to the beginning of each meeting; (monthly)
- ◆ Provide pens;
- ◆ Encourage participation;
- ◆ Attend monthly meetings by 10 am to position signs on each of the three tables;
- ◆ Collect winning entry forms after winners are announced;
- ◆ Create list of winners and plant names\* for each level, include the name(s) of the judges, and email to EYF Editor in a timely manner for printing in the following month's EYF.

\*Please be advised the plant names are reported by each participant. The plant name may be incorrect, former name, misspelled or the writing may be difficult to read.

Candy has templates for all of the items that need to be printed and is willing to share them with whoever takes over the position.

## The Amazing & Diverse Baja California Flora (with a Succulent Emphasis)

Jon Rebman, Ph.D., Curator of Botany,  
San Diego Natural History Museum,  
P.O. Box 121390, San Diego, CA 92112-1390  
(jrebman@sdnhm.org)



The Baja California Peninsula is a narrow strip of land stretching for approximately 1300 km in length and ranging from 45 km to 240 km in width. Its geographic position, latitudinal span, and topographic heterogeneity have conferred a diverse assemblage of weather regimes including a Mediterranean-type, winter rainfall climate; extreme arid, hot desert conditions; and tropical, summer rainfall patterns. In addition, the region's biogeographic history and physiognomy have resulted in a wide range of vegetation types which include coastal sage scrub, chaparral, oak woodland, conifer forest, many desert ecoregions, and tropical deciduous forest. The peninsula is also characterized by the presence of several islands along its coast, which are located in the Gulf of California (Sea of Cortés) and the Pacific Ocean. This piece of land and its adjacent islands support a wealth of species diversity in many different plant families. It is estimated that the flora consists of more than 4,500 plant taxa with approximately 25% of these known only from (endemic to) the Baja California region. Many of the plants from the region are distinctive and stretch the imagination in respect to plant form and structure. With more than 300 succulent plant taxa present and a rather high rate of endemism, the cacti and succulents of Baja California are a conspicuous and truly unique part of the peninsula's natural history.

Come join us on a botanical adventure in this presentation to better understand the amazing & diverse plants that occur in our own "backyard" in Baja California.

Jon P. Rebman, Ph.D. has been the Mary and Dallas Clark Endowed Chair/Curator of Botany at the San Diego Natural History Museum (SDNHM) since 1996. Dr. Rebman is a plant taxonomist and conducts extensive floristic research in Baja California and in San Diego and Imperial Counties. He leads various field classes and botanical expeditions each year and is actively naming new plant species from the region. His primary research interests have centered on the systematics of the Cactus family in Baja California, especially the genera *Cylindropuntia* (chollas) and *Opuntia* (prickly-pears). However, Dr. Rebman also does a lot of general floristic research and he co-published the most recent edition of the *Checklist of the Vascular Plants of San Diego County*. He has over 23 years of field experience with surveying and documenting plants including rare and endangered species. As a field botanist, he is a very active collector of scientific specimens with his personal collections numbering over 27,000. Since 1996, he has been providing plant specimen identification/verification for various biological consulting companies on contracts dealing with plant inventory projects and environmental assessments throughout southern California. He is the director of the San Diego County Plant Atlas project ([www.sdplantatlas.org](http://www.sdplantatlas.org)) and identifies/verifies all of the new specimens (currently over 63,000) coming into the herbarium through this scientific endeavor. As the curator of the SD Herbarium at the SDNHM, he is in charge of this dried plant specimen collection that contains over 235,000 specimens dating back to the 1870s. Rebman recently published a new edition of the *Baja California Plant Field Guide* with co-author Norman Roberts in 2012, and is working on a new specimen-based checklist for the plants of Baja California.

The desert regions of Baja California and southern California satisfy my need for scientific adventure while providing a sense of excitement towards botany, reverence for nature and its unaltered beauty, appreciation for the complexity of natural history, and an overall feeling of peace and purpose.

— Jon P. Rebman

## Plant of the Month—*Aeoniums*

By Kienan Parr

Well the heat is FINALLY subsiding and the “cool” weather season for San Diego is coming upon us. Not only is this a great time to smile at your air-conditioning bill, it’s an even greater time for the genus *Aeonium* as they emerge from their summer dormancy period and enter into fall and winter growth. This isn’t to say that there aren’t some that can’t handle the heat of the kitchen (*Aeonium ‘Zwartzkopf’*, *Aeonium leucoblepharum*) but generally they like their misty, cool mornings with days staying at or below the low 80’s F range.



*Aeoniums* as we all know are the succulents that generally form tight and geometric rosettes ranging from half an inch across (*Aeonium sedifolium*) to nearly two feet wide (*Aeonium davidbramwellii*). The vast majority of this genus’ species come from the Canary Islands off Africa, with a few others being from east Africa, Morocco, Madeira Island, and Cape Verdes Islands. Having become very popular in landscaping and horticulture the more hardy varieties such as *Aeonium haworthii* and *Aeonium urbicum* have naturalized in Australia, North America, and Europe. Furthermore, with their ease of hybridization and trait select cultivation, many sports, variegates, and cultivars have been developed and are widely available.



With the exception of one species, the rosettes are monocarpic and die after flowering. But don’t fret, several species and varieties branch off forming shrubs allowing for new growth to over take the gap where a head has flowered and died.

Not only do they serve as a gorgeous and unique addition to any hobbyist’s collection, *Aeoniums* can serve in practical applications as well. With many species’ having their roots being shallow, numerous, and eternally prolific they can serve as a counter to run off from heavy rain. Also, and I speak from experience, certain varieties can ease the irritation caused by *Euphorbia* sap on the skin. Finally, shrubby varieties have been used as fire breaks in agriculture.



As with many of our beloved succulents, these plants are susceptible to the scourge that is bugs. Whether its mealy bugs working their way from the roots up to devour your rosettes crown, ants servicing



those mealy and caking dirt up and around the stem, or aphids out to scar the leaves and attract more ants, there’s a battle to be had to keep these plants looking prime. Luckily, there is a laundry list of methods to address these challenges and with vigilance, you can emerge victorious and your plants healthy and beautiful.

If you like color, ease of growth, and flowers that hook the bees up, then *Aeoniums* are a must for your succulent collection. Come check them out!

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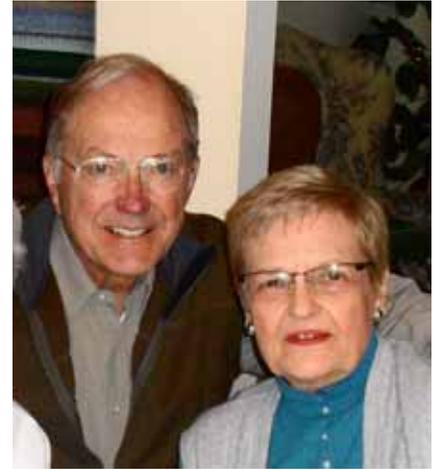
## Holiday Party December 13th

You can pay for the Party on line or bring payment to the November meeting. The cost will be \$20 for members and \$25 for non-members. For those of you who are up for renewal in January, you can pay for membership at the same time. Information about the Party will be in the December Newsletter.

## Meet a Member The Maker's Make it Right

By: Denise Huntsman-Griffin

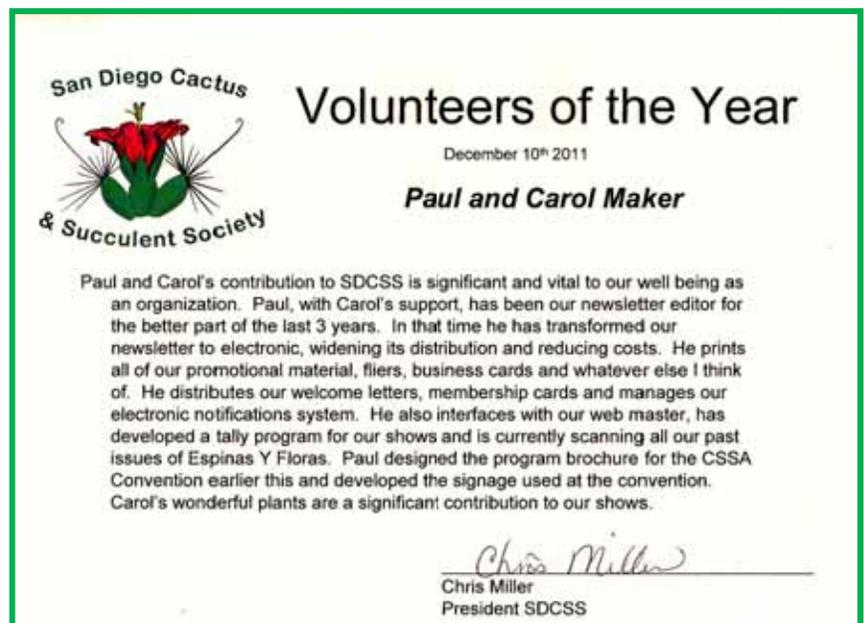
I suspect that Carol and Paul Maker are perfectionists, very detail oriented and conscientious. At least all evidence points to this conclusion. Their succulent plant collection in their garden is natural looking and yet neat. I say natural looking because the succulents in their garden are very naturally arranged. I say neat because their plant tables are neat and well organized and their award winning plants are well taken care of by Carol. Her *Ariocarpus*, *Copiapoas*, *Ferocactus glaucescens nuda*, *Aztekium ritteri*, *Tylecodon reticulatus* and *Ceraria namaquensis* are so well grown and perfect, no wonder they win awards and trophies! Carol nurtures the plants and Paul photographs and catalogs them. Their plants have added a great deal to our shows and their organizational skills have made doing the club's business more simple which allows more time for all the fun stuff!



Some background will shed some light on what led up to our club being so lucky to have their priceless contributions. Carol started to love succulents while raising their family in Ann Arbor Michigan. They have a son and a daughter who each have a son and a daughter. They are very proud of all of their accomplishments. Carol earned 2 bachelor's degrees, one in Political Science and one in Occupational Therapy and a master's degree in Rehab Counseling. Carol went on to become an Occupational Therapist, treating people with physical conditions so they could maintain their skills in the workplace. Paul earned a PhD in Physics and became an Experimental Research Physicist. He first worked at the Ford Motor Company Scientific Research Lab in Dearborn Michigan and later at the Jet Propulsion Laboratory in Pasadena.

Carol and Paul moved to California in 1987 and in 1999 became members of the San Gabriel CSS. They edited the SGVCSS newsletter for several years. In 2004 they moved to San Marcos and joined the SDCSS and Palomar CSS. They edited the EyF, (our newsletter) from 5/2009 to 12/2012. During that time, Paul introduced the club to the electronic age, creating an electronic version of the EyF. This widened its distribution while reducing costs. He took over the membership chair in 2012, transitioned its database to Excel, wrote a user-form to manage it, created ID numbers for the membership, and prepared and distributed permanent laminated ID badges. Paul rebuilt the club website in 2013 and digitized all back-issues of the EyF, making them available on line. Combined with Sharon Wirth's cataloging of articles, this provides a wonderful, searchable history of our club. A DVD of this EyF library was produced, and is available for purchase. Together with the librarians, Paul bar-code labeled the Club library books and wrote an Excel program for managing them. Most recently, he programmed the new cash registers making it much easier and faster for members and visitors to purchase plants at our show and sales. And the volunteers appreciate it too. Paul and Carol's wonderful plants have won many trophies and ribbons through the years. In the 2014 summer show and sale, they won trophies for "Best Cactus," "Best Graft," "Best Mexican Plant," "High Points < 25 entries," "People's Choice" and finally, what Carol is most proud of, a "Judges Choice" ribbon for their *Tylecodon reticulatus*. So, you see whatever The Makers do, they do it and make it right.

**Editor's Note:** There was obviously a reason why we made the Makers our volunteers of the Year in 2011



## September 2014 Brag Table Winners

Judged by Mark Fryer

### CACTUS

#### Novice

1<sup>st</sup> Place, Please note that the coupons for this category were  
2<sup>nd</sup> Place, awarded in the intermediate category due to lack of  
3<sup>rd</sup> Place, entries.

#### Intermediate

1<sup>st</sup> Place, Chris Miller—*Ariocarpus retusus*  
2<sup>nd</sup> Place, Brian Shepherd—*Mammillaria boscasana roseflora*  
3<sup>rd</sup> Place, Brian Shepherd—*Ariocarpus fissuaratus* (N. Mexico)

#### Advanced

1<sup>st</sup> Place, Peter Walkowiak—*Ariocarpus retusus v funduracea*  
2<sup>nd</sup> Place, Peter Walkowiak—*Ariocarpus retusus*  
3<sup>rd</sup> Place, Peter Walkowiak—*Coryphantha elephantidens v baumanna*



### SUCCULENTS

#### Novice

1<sup>st</sup> Place, Jay Crowley—*Aloe Suzannae*  
2<sup>nd</sup> Place, Jay Crowley—*Stapelia scitula*  
3<sup>rd</sup> Place,

#### Intermediate

1<sup>st</sup> Place, Candy & Jerry Garner – *Sarcocaulon vanderietiae*  
1<sup>st</sup> Place, Rick Bjorklund—*Aloe bellatula*  
2<sup>nd</sup> Place, Rick Bjorklund—*Agave nizardensis*  
2<sup>nd</sup> Place, Bev Grant—*Dioscorea elephantipes*  
3<sup>rd</sup> Place, Candy & Jerry Garner—*Aloe compressa*  
3<sup>rd</sup> Place, Lee Badger—*Cotyledon ladismithensis*

#### Advanced

1<sup>st</sup> Place, Peter Walkowiak—*Adenium swazicum*  
2<sup>nd</sup> Place, Peter Walkowiak—*Pachypodium saundersii v. compacta*  
3<sup>rd</sup> Place, Peter Walkowiak—*Adenium boehmianum*





**Coffee in the Garden at the Miller's  
November 22<sup>nd</sup> 2014  
10am to 1pm**



It's been another year and the plants are bigger, several *Agaves* have bloomed and have been removed. The garden is a continuing work in progress and its fun to plant new plants. We'll have treats and BJs great coffee and a chance to enjoy each other's company. For those of you who haven't been here it can be a great example of what not to do and what to do when planting succulent plants.

There will be plants for sale. Lots of *Gasterias*, *Haworthias*, and *Aeoniums* at the start of their growing season and other plants too. November is the perfect planting time for winter growing succulents. I also have lots of small to medium sized clay pots that will be for sale. The sale proceeds go towards supporting the construction of the greenhouse at the Zoo Safari Park

10042 Waynecrest Lane Santee  
Call 619-258-9810 if you get lost.

52 east to Mast. East on mast to Cuyamaca (left), go one block and turn right on Beck, down 6 blocks and turn left on Waynecrest Lane. Middle of the block on the left. Look for the cactus.

8 east to 67 east. Exit at Magnolia/Prospect. East on Magnolia for lots of stop lights. Left on El Nopal. Up 3 blocks and turn left onto Waynecrest Lane. Halfway down the block on the right. Look for the cactus.



**Faux Cactus and Succulent Brag Table**

The Brag Table at the November meeting will be full of faux plants made by members. This is your chance to get creative and develop plants that are fun and a bit twisted, not unlike the real ones. An example would be *Oreocereus* made of oreo cookies. In the past we have had plants made from pipe cleaners, Legos, origami, blown glass, ballons and just about anything you can imagine. So start imagining and knock our socks off! The ground rules are:

- No obvious plant material used
- Staged
- Pest free
- Plant name must be Latin based
- The more unlikely the materials the better
- Artistic license is encouraged

Please participate, who knows, if you win your special plant could make the cover of the newsletter, almost as good as making the cover of the Rolling Stone!



*Legocereus millerii*

**Upcoming Calendar of Events**

**December 13:** SDCSS Holiday Party starts at 11 in room 101 Casa del Prado, Balboa Park

**February 14, 2015:** SDCSS Winter Show and Sale, room 101 Casa del Prado, Balboa Park

Pre Meeting Work Shop by Chris Dawson  
**Growing The Winter Mesembs  
 From Seed To Adulthood**  
 (with an emphasis on winter growers.)  
 11 am in courtyard

- 1) What is a mesemb, and why should I grow one?
- 2) Things you will need to get started and their sources.
  - a) Mesemb seeds: Mesa Garden
  - b) Humidity dome: San Diego Hydroponics (Sterlite Box: Target)
  - c) pots: George
  - d) tweezers: Drug store, HD, Swap meet.
  - e) twist fluorescent light bulbs: HD
  - f) timer: HD, San Diego Hydroponics
  - g) Mesemb books: our library
  - h) Cheap microwave food containers: Target, Smart and Final
  - i) Mister bottle: HD. Tiny watering can: Garden Center.
  - j) Fertilizer
- 3) Soils for Mesembs
  - a) Things not to use.
    - raw wood
    - coir
    - peat etc.
  - b) Things to use.
    - Decomposed granite
    - Garden loam
    - perlite
- 4) Sterilization techniques.
  - a) conventional oven.
  - b) microwave oven.
- 5) Now we are ready to plant the seeds!
- 6) Germination and the first year of life.
- 7) Watering tactics from seed to adult.
- 8) Fertilizing tactics from seed to adulthood.
- 9) Adulthood and acclimation to the sun.
- 10) Fun things to do with mesembs.



**Ruth Jane Wright** passed away on Thursday, October 23<sup>rd</sup>, 2014 surrounded by her family at home. She was born Ruth Jane Naylor in Corpus Christi, Texas on April 2, 1931. She came to Long Beach, California with her family in 1942 and graduated Poly High school class of 1948. She married Clarence (Dick) Burdick Wright on November 11, 1949. They made their first home in Los Alamitos, CA. She started a career as a political activist assisting her husband as City Parks Commissioner. Ruth wrote a history of early Orange County and presented it to the Los Alamitos Historical Society. She enjoyed working as a seamstress, making custom dresses, and alterations. In 1976 they moved to Fallbrook to start an exotic plant nursery. Her hobbies included attending creative writing workshops, floral arranging, and painting. In 1985 their home and nursery were destroyed by a fire. They joined the DeLuz Canyon Volunteer Fire Department in 2000 where she served as communications dispatcher. Ruth continued as an activist helping create two permanent fulltime fire protection departments serving her community. She is survived by her husband of sixty five years Clarence (Dick) Burdick Wright, her children; Kraig Duane Wright, Ruth Arlie (Candy) Jernegan, and Lucy Danielle Parks. Four grandchildren and three great-grandchildren. The memorial service was held on Saturday, November 1, 2014 in Fallbrook.

The 2014 Nominating Committee (including Christine Vargas, Peter Walkowiak, and myself) are excited to present the following proposed candidates to fill our vacant director positions: Wendy Goldman, Brian Shepherd, Christine Vargas, and Jerry Garner. Leslie Sheridan will be the candidate for Treasurer. Elections will be held at the November meeting and nominations will be accepted from the floor. Newly elected positions take office at the end of the December meeting and terms are for two calendar years. As a board we are responsible for establishing the general policies required to carry out the objectives of the SDCSS and we are empowered to act in the name of the SDCSS according to our bylaws.

Our current executive board consists of President Kelly Griffin, Vice President Chris Miller, Secretary Jennifer Harris, and Treasurer Christine Vargas, and the directors are: Pat Marshall, Chris Dawson, Kienan Parr, Geoff Twichell, Peter Walkowiak, and Rick Bjorklund with one currently unfilled director position. Please cast your vote at the November meeting and welcome our newly elected board members!

Thanks, Rick Bjorklund, Nominating Committee Chair

## News from the Safari Park Volunteers

We've been in the dark! The three of us who volunteer together at the Old World Gardens have seen evidence of other work being done.

This past weekend we found that Jim DeForest has helped out on our off-days. Thank you to Jim! If anyone else heads up there to weed or water, let us know.

We'd love to talk.

A lot is happening:

- \* In December the Zoo's digital newsletter will feature aloes. A second article on the gardens of the park will be done later for the print Zoonooz version. Photographers have been up to take photos of all our unusual aloes and other plants as they bloom.
- \* We have submitted lists of plants for labels to be made.
- \* May and Julie have rebuilt collapsed tables in the greenhouse from a few new parts and much re-used wood. There are plans to repot cactus that need it.
- \* We will provide the manpower for the Park Horticulture Department's Old World Garden accession project before year-end.
- \* And it is planting season! We'd like to fill in the sunny hills rising from the dry "river". To do that, we would like plants from the old world that we don't have yet or interesting ones that we do have. We are thinking of *Euphorbias*, *Pachypodium*, *Crassulas*, drifts of *Aloes*, succulent trees, maybe a baobob or three. Also, under the shade of the fig tree at the entrance we can use more *Sansevieria* and *Gasteria*. If you have plants you would like to donate, please contact us.
- \* Meanwhile the *Pachypodium* and *Adenium* flowers are still out. The *Aloe dichotoma* trees are in bud. The Ocotillo in the Baja Garden is bursting with red-orange spikes of flowers.

Come to visit. Come to help out.

Contact info: May Fong Ho 760-233-3948 [mayfongho@yahoo.com](mailto:mayfongho@yahoo.com)  
or Susan LaFreniere 760-317-5764 [susanlafreniere@gmail.com](mailto:susanlafreniere@gmail.com)

Susan, May, and Julie





**SDC&SS MEMBERSHIP APPLICATION / RENEWAL FORM**

Dues are \$15.00 per year per individual, and \$5.00 per year for each additional household member. Newsletter is E-mailed. **Mailed paper copies are available for an additional \$10 a year. Each member has all the rights and benefits of the organization.**

Annual Dues (E-mail Newsletter) \$15.00 \_\_\_\_\_  
 (Paper Newsletter) \_\_\_\_\_  
 First class delivery USPS \$10.00 \_\_\_\_\_  
 Annual Dues – International (Paper) \$30.00 \_\_\_\_\_  
 Additional Household Member(s) \$5.00 \_\_\_\_\_  
 Amount Enclosed \$ \_\_\_\_\_

Check **ONE** for type of membership:  
**NEW** \_\_\_\_\_ **RENEWAL** \_\_\_\_\_

**Member Information:**  
**(Please PRINT to fill in ALL blanks below!!!)**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City and State: \_\_\_\_\_

Zip + 4: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Cell/FAX: \_\_\_\_\_

E-mail 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 payable in US Funds to SDCSS to:**

**SDCSS Membership Dept  
 c/o Paul Maker  
 1245 San Pablo Drive  
 San Marcos CA 92078-4816**

**(Rev. E-2, 2012-11-13)**

Please address correspondence to:  
 The San Diego Cactus & Succulent Society  
 P.O. Box 33181 San Diego, Ca 92136-3181

*San Diego Cactus & Succulent Society*

**Executive Board**

President: **Kelly Griffin**  
 Vice President: **Chris Miller**  
 Secretary: **Jennifer Harris**  
 Treasurer: **Christine Vargas**

**Directors**

**Peter Walkowiak**  
**Pat Marshall**  
**Rick Bjorklund**  
**Chris Dawson**  
**Kienan Parr**  
**Geoff Twitchell**

**Standing Committees & Sub Committees**

Education, Conservation & Exhibits

Conservation: **Joe Kraatz & Herb Stern**  
 Brag Table: **Candy Garner**  
 Plants of the Month: **Don Hunt**  
 Summer Show: **Peter Walkowiak**  
 Winter Show: **Peter Walkowiak**  
 Historian: **Terry Parr**  
 Library: **Don Hunt, Chris Miller, Jeanette Dutton, Steve & Kathy Harris**  
 Exchange Plants & Seeds: **Michelle Heckathorn & Sara Schell**  
 Grants: **Jerry Garner**

Sales, Meetings, Plant Sales & Supplies

Membership: **Paul & Carol Maker** [pdmaker@roadrunner.com](mailto:pdmaker@roadrunner.com)  
 Mailing: **Jean & Bill O'Daniel**  
 Annual Sales: **Chris Miller & Joe Kraatz**  
 Auction & Holiday Plants: **Kelly Griffin**  
 Monthly Plant Sales: **Joe Kraatz & Lynn Elliott**  
 Monthly Supply Sales: **George & Jerry Plaisted**  
 Benefit Drawing Table: **Collette, Kienan & Terry Parr**  
 Publicity: **Christine Vargas**  
 Programs: **Kelly Griffin**  
 Reception: **Susan Hopkins & Judy Walkowiak**  
 Monthly Regalement: **Cathy Clark**  
 Picnic Regalement: **Bill O'Daniel & Steve Harris**  
 Hospitality: **Sara Schell**

Liaison

Balboa Park Desert Garden: **Susan Hopkins**  
 CSSA Affiliate Rep: **Peter Walkowiak**  
 SD Botanic Garden: **Phyllis Flechsig**  
 SD Botanical Garden Foundation: **George Plaisted**  
 SD Floral Association: **Jeanette Dutton**  
 SD Zoo Safari Park Baja & Old World Gardens: **Chris Miller**

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 Webmaster: **Collette Parr** [collette.parr@cox.net](mailto:collette.parr@cox.net)



Never too early to start the obsession!

## San Diego Cactus & Succulent Society

### Executive Board

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 Secretary: **Jennifer Harris** (858) 213-6076 [chupparosa@hotmail.com](mailto:chupparosa@hotmail.com)  
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### Directors

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### Standing Committees & Sub Committees

#### Education, Conservation & Exhibits

Conservation: **Joe Kraatz & Herb Stern**  
 Brag Table: **Candy Garner**  
 Plants of the Month: **Don Hunt**  
 Summer Show: **Peter Walkowiak**  
 Winter Show: **Peter Walkowiak**  
 Historian: **Terry Parr**  
 Grants: **Jerry Garner**  
 Library: **Don Hunt, Chris Miller, Jeanette Dutton, Steve & Kathy Harris**  
 Exchange Plants & Seeds: **Michelle Heckathorn & Sara Schell**

#### Sales, Meetings, Plant Sales & Supplies

Membership: **Paul & Carol Maker** (760) 212-9659 [pdmaker@roadrunner.com](mailto:pdmaker@roadrunner.com)  
 Mailing: **Jean & Bill O'Daniel**  
 Annual Sales: **Chris Miller**  
 Auction & Holiday Plants: **Kelly Griffin**  
 Monthly Plant Sales: **Joe Kraatz & Lynn Elliott**  
 Monthly Supply Sales: **George & Jerry Plaisted**  
 Benefit Drawing Table: **Collette, Kienan & Terry Parr**  
 Publicity: **Christine Vargas**  
 Programs: **Kelly Griffin**  
 Reception: **Susan Hopkins & Judy Walkowiak**  
 Monthly Regalement: **Cathy Clark**  
 Picnic Regalement: **Bill O'Daniel, Steve Harris**  
 Hospitality: **Sara Schell**

#### Liaison

Balboa Park Desert Garden: **Susan Hopkins**  
 CSSA Affiliate Rep: **Peter Walkowiak**  
 SD Botanic Garden: **Phyllis Flechsig**  
 SD Botanical Garden Foundation: **George Plaisted**  
 SD Floral Association: **Jeanette Dutton**  
 SD Zoo Safari Park, Baja & Old World Gardens: **Chris Miller**

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## Pre Meeting Work Shop by Chris Dawson Growing The Winter Mesembs From Seed To Adulthood

(with an emphasis on winter growers.)

- 1) What is a mesemb, and why should I grow one?
- 2) Things you will need to get started and their sources.
  - a) Mesemb seeds: Mesa Garden
  - b) Humidity dome: San Diego Hydroponics (Sterlite Box: Target)
  - c) pots: George
  - d) tweezers: Drug store, HD, Swap meet.
  - e) twist fluorescent light bulbs: HD
  - f) timer: HD, San Diego Hydroponics
  - g) Mesemb books: our library
  - h) Cheap microwave food containers: Target, Smart and Final
  - i) Mister bottle: HD. Tiny watering can: Garden Center.
  - j) Fertilizer
- 3) Soils for Mesembs
  - a) Things not to use.
    - raw wood
    - coir
    - peat etc.
  - b) Things to use.
    - Decomposed granite
    - Garden loam
    - perlite
- 4) Sterilization techniques.
  - a) conventional oven.
  - b) microwave oven.
- 5) Now we are ready to plant the seeds!
- 6) Germination and the first year of life.
- 7) Watering tactics from seed to adult.
- 8) Fertilizing tactics from seed to adulthood.
- 9) Adulthood and acclimation to the sun.
- 10) Fun things to do with mesembs.

The due date for submission of all material to be published in EyF will be the second-to-last Saturday of the month preceding the next monthly meeting. All submissions are to be made to the Editor. Please e-mail your articles to  
**Chris Miller** at [c.miller@cox.net](mailto:c.miller@cox.net)

**Ruth Jane Wright** passed away on Thursday, October 23<sup>rd</sup>, 2014 surrounded by her family at home. She was born Ruth Jane Naylor in Corpus Christi, Texas on April 2, 1931. She came to Long Beach, California with her family in 1942 and graduated Poly High school class of 1948. She married Clarence (Dick) Burdick Wright on November 11, 1949. They made their first home in Los Alamitos, CA. She started a career as a political activist assisting her husband as City Parks Commissioner. Ruth wrote a history of early Orange County and presented it to the Los Alamitos Historical Society. She enjoyed working as a seamstress, making custom dresses, and alterations. In 1976 they moved to Fallbrook to start an exotic plant nursery. Her hobbies included attending creative writing workshops, floral arranging, and painting. In 1985 their home and nursery were destroyed by a fire. They joined the DeLuz Canyon Volunteer Fire Department in 2000 where she served as communications dispatcher. Ruth continued as an activist helping create two permanent fulltime fire protection departments serving her community. She is survived by her husband of sixty five years Clarence (Dick) Burdick Wright, her children; Kraig Duane Wright, Ruth Arlie (Candy) Jernegan, and Lucy Danielle Parks. Four grandchildren and three great-grandchildren. The memorial service was held on Saturday, November 1, 2014 in Fallbrook.