

# CACTUS COURIER

An Affiliate Member of the Cactus and Succulent Society of America

## Newsletter of the Palomar Cactus and Succulent Society

The North San Diego County Cactus and Succulent Club!

Volume 65, Number 7

July 2019

### NEXT MEETING

**Saturday, July 27<sup>th</sup>**

Park Ave. Community Center  
210 Park Ave., Escondido  
Brag, Exchange & Benefit Drawing Tables

**11:00am - 3:00pm**

### In This Issue

Speaker Information	p. 1-2
Notices	p. 2
August Picnic Information	p. 3
Mini Talk of the Month - Taxonomy	p. 3
Plant of the Month - Echeverias	p. 4-5
Brag Table Winners	p. 6
Tina Zucker Sale & Coffee in the Garden Notice	p. 7
Inner City Show Info	p. 7
Huntington Succulent Symposium	p. 8
Misc. Club Info, Calendar, etc.	p. 9

### REFRESHMENTS

- |                    |                    |
|--------------------|--------------------|
| 1 – Prapa Taylor   | 6 – Charlyne Barad |
| 2 – Pam Dunlap     | 7 – Kevin Smith    |
| 3 – Jean O’Daniel  | 8 – Kathie Hoxsie  |
| 4 – Winston Chang  | 9 – Nell McChesney |
| 5 – Vivian Follmer | 10 – Anna Devine   |

[www.palomarcactus.org](http://www.palomarcactus.org)

We’re on Facebook!

Questions: [info@palomarcactus.org](mailto:info@palomarcactus.org)

2018-19 Newsletters are now on the website!

2014 – 2017 will be added in the next month.

We need your help with older editions. See p. 2

### This Month’s Presentation:

## The Do's and Don'ts when Planting Cacti and Succulents in Your Landscape

By Tammy Harmon

Before you start your cacti and succulent landscaping project there are a few questions you need to ask yourself. How do I want to use them in my landscaping? Choosing the right plant for the location size and sun exposure will be important. How big will they get – width and height? Will they get enough sun or too much as they grow over many years? Do I have the correct type of irrigation for my landscaping? What type of soil do I have?

Tammy will cover all of these questions and more in her presentation. Designing with succulents and cacti the right way can be fun and exciting! Once you have a plan, as the weeks, months, and then years pass, the design you created for your landscaping will evolve into your vision.



**Bio:** Tammy Harmon is owner of TMH Landscape Design in Poway. She is a Landscape Designer, a Horticulture Consultant, a Qualified Water Efficient Landscaper (QWEL), and a member of ASLA. She has a degree in Environmental Horticultural and Landscape Design from Foothill College in Los Altos, CA, and she is currently pursuing a degree as a Landscape Architect. Tammy has done several designs throughout the North San Diego County area and has worked as a consultant with California Landscape Technologies for the past three years.



Her addiction started when she was a young girl as she watched her mother always tending to her plants in Minnesota. While her mother never became as captivated by plants as Tammy, but she showed her the love of plants. Tammy remembers springtime and seeing the peonies, lilacs, roses, and other beautiful flowering plants in her mother's garden. Then in 1990 Tammy moved to Hawaii and her addiction flourished further. She lived there for a few years and loved everything that the islands offered. Some years later she moved to sunny San Diego, met her current husband and settled down. It was then that her passion turned into a career.

In her spare time, she is usually attending her other plant clubs' meetings – the San Diego Bromeliad Society, the Southern California Plumeria Society, the San Diego Mycological Society, and the Poway Valley Garden Club, and is a true plant fanatic. In her other spare time, she spends time with her loving family. She has an eleven-year-old daughter and two step sons, ages 22 and 24. Her husband supports her plant addiction, or tries to.

## ~ NOTICES ~

### **Thanks Russel!**

Thanks to Russel Ray for his fascinating presentation on the Fibonacci sequence and his beautiful display of plants and other items from nature that demonstrate the spiral sequence.

Additionally, here is a link to all the slides in his presentation if you'd like to see them again: <https://youtu.be/TwvqlbmY4qE>.



### **Huntington Succulent Symposium – Saturday, August 31<sup>st</sup>**

See page 8 for the flyer with all the information about this event. This year we will once again be giving scholarships for this event, up to 2 full and 2 half. Scholarship level is determined by the amount of volunteer hours you have accrued from August 2018 – July 2019. Members who received a scholarship last year are not eligible this year. We must know if you are interested in being in the drawing for a scholarship by our July 27<sup>th</sup> meeting and will have the drawing on that day right after our break. (We are doing this earlier this year as they have been close to selling out and think they may do so this year.) Contact Brita to find out your volunteer level or to let her know if you won't be at the meeting but want to be in the drawing. You may of course go on your own, the cost is \$85, and information about registration is in the flyer.

### **Plastic Containers Okay for Brag Plant Entries this Month!**

In January and July, we allow Brag Plant entries to be in plastic containers and the judges will not consider that in their decision. The containers need to be clean, the plant and soil free from debris, etc. It should still look like a show plant, (at your level), just in a plastic container.

### **Brag Plant Year-to-Date Totals**

This is the month we would normally include a chart showing year-to-date point totals, but since we did not have a meeting in April, we will include it next month, so we have 6 months of points to show.

### **HELP!!! ~ OLD PCSS NEWSLETTERS WANTED ~ Pre 2006**

We are still looking for copies of past newsletters to add to the Newsletter section on our website. Even if you just have 1 or 2 we would love to have them! Please email Annie Morgan at [info@palomarcactus.org](mailto:info@palomarcactus.org) with questions or if you can help us out, or just bring them to a meeting.



# PCSS ANNUAL PICNIC

Saturday, August 24<sup>th</sup>

Social Hour - 11:00 am - 12:00 pm      Lunch - 12:00 pm

Our annual picnic potluck is coming up so it's time to briefly review the details. The event will again be at the San Diego Botanic (Quail) Gardens in the Ecke Building and patio where we had last year's picnic and our October Show & Sale.



- We will be passing around the potluck sign-up sheet again at this month's meeting.
- If you will miss this meeting, please contact Lorie Johansen at [Lorie@casavista.us](mailto:Lorie@casavista.us) or 760-613-1934 to sign up.
- We do need to know what dish you are going to bring so we know what we have and don't end up with three people bringing baked beans!
- If you have any other questions, please contact Brita at [eventcoordinator@palomarcactus.org](mailto:eventcoordinator@palomarcactus.org).
- **FYI - There will be no Auction this year.**

## Mini-Talk of the Month ~ Taxonomy

By Erik Gronborg

You know what a  
prickly pear is.



But do you know  
an opuntia?

Of course they are the same. Erik Gronborg will talk about how plants get their names. Since the plants cannot talk and tell us their name and I am sure they do not care what we call them, people who are interested in certain plants and are studying them need a system for giving the plants a name. **Taxonomy** is the term for a system for organizing and naming groups of objects, such as plants, so that each kind of plant has a unique name. Only with such a system can people all over the world and speaking different languages, who want to share their knowledge, know that they are talking about the same plant.

Linnaeus is the Swedish scientist who in the eighteenth century invented the Binomial Nomenclature, the system of naming each plant with two names which we still use today. Erik will give an easy introduction with a little history.



# Plant of the Month ~ Echeverias

By Lorie Johansen

Echeverias can be frilly, fuzzy, fancy, and fun! One cannot think about this extensive genus without discussing the valuable contributions of local hybridizer Dick Wright who has a nursery in northern Fallbrook, CA\*. Dick was born in 1928 and had an interest in breeding guinea pigs which somehow evolved into an interest in hybridizing plants. While attending a Southern California succulent meeting he saw an *Echeveria gibbiflora* var. *carunculata* (photo at right) which was the inspiration for hybridizing bumpy and frilly cultivars starting in the 1950's. Dick is a legend in the plant breeder's hall of fame and Debra Lee Baldwin has several YouTube videos interviewing Dick, addresses on second page.

The genus, named to honor the Mexican botanical artist Atanasio Echeverria y Godoy in 1828, is a member of the large Crassulaceae family, which has about 1,400 species in 33 genera with worldwide distribution. There are about 180 species and many more echeveria hybrids.



Echeveria Big Red. Photo by Jocelyn Ainsworth

Echeverias range in size from an inch or two to nearly 2 feet. *Echeveria 'Big Red'* (photo left) has rosettes reaching to 18" across. They are very easy to grow and are well behaved, making good companion plants as they rarely crowd out other plants. They complement rock gardens, succulent gardens, and make fantastic dish gardens. They are highly valued for their amazing colors, great variation in size, leaf texture, and beautiful flower spikes in warmer months with colors ranging from white to orange to pink to red. Many consider them one of the best and easiest plants to grow in our climate and they are popular as ornamental garden plants and in collections. They are polycarpic, meaning they repeatedly flower and set seed in their lifetime.

**Cultivation:** These summer growers are native to mountainous regions from Mexico, Central America, and northwestern South America, with one, *Echeveria strictiflora*, being native to Texas. They grow where the humidity is low, and temperatures rarely get too hot. Their soil should be free draining soil to prevent root rot, but they are shallow-rooted plants and therefore benefit from good levels of organic matter in their soil. Generally, the more sun they get the better they will display their colors and shape, and they look their best if you don't stress them by withholding water or exposing them to hot afternoon sun above 75 degrees. They grow well in filtered or just morning light where it is too hot in full sun. However, once established, they can tolerate extended dry periods without watering, but will grow stronger if they receive adequate water. Some will tolerate some frost, but none will tolerate heat over 100 degrees. The waxy leaves are sensitive to rotting or burning with overhead watering, so it is best to water carefully or from below. They will not grow in Hawaii or Florida as there is too much humidity and lack of temperature change. They like cool mornings, warm afternoons, and cool evenings. In habitat they grow out of rock faces on near-vertical cliffs which naturally provides good air circulation. Feed when the plants are actively growing. Use 5-2-2 or 10-5-5 at half strength. Too much nitrogen will cause them to etiolate. Quit feeding on Thanksgiving and start again on Valentine's Day.



*Echeveria gibbiflora* var. *carunculata*.  
Photo from Wikipedia.



*Echeveria strictiflora*, the only one native to the US. Photo from the International Crassulaceae Network



*Echeveria 'Marjorie Pogue'*



*Echeveria 'Neon Breakers'*, AKA  
*Echeveria 'Pink Frills'*



L to R:  
*Echeveria chroma*  
*Echeveria 'Cubic Frost'*  
*Echeveria 'Topsy Turvey'*





L to R:  
Echeveria Lenore Dean  
Echeveria agavoidea 'Lipstick'  
Echeveria agavoidea 'Ebony'\*  
(\*Note the turquoise/green color which indicates a true 'Ebony')

The photos in the lower half of p. 4 and those above on this page are used courtesy of Tina Zucker, a member & our Vendor Coordinator for the October Sale. She has a great website, [www.succulents.us](http://www.succulents.us), showing her plants for sale.

**Propagation:** Echeverias can regrow from offsets, leaves, and stems. When they become leggy as bottom leaves dry up and they develop a long bare stem they can be cut off 2-3" below the rosette using a clean sharp knife. (Photo right.) Then dip the cut stem in cinnamon as an anti-fungal, and plant in a new pot or the ground in slightly moist, well-draining soil. Or set the rosette over an empty pot, place in a shady location to let it develop roots before planting. Roots will develop in a few months, and after replanting the plant will return to its former beauty. They can also be grown from seed. The very detailed process is discussed at length on the "World of Succulents" website, link below, and in Debra Lee Baldwin's YouTube video.



Photo by Debra Lee Baldwin,  
used with permission.

**Pests:** To prevent pests from taking up residence, provide good air circulation with excellent draining soil. Mealybugs love to hide in the axils of the leaves and aphids attack the flowers. You can cut off the flower stalk or spray a mixture of 70% alcohol to water. The alcohol/water spray is preferred over pesticides as hummingbirds are popular visitors to their flowers. Also, remove dead leaves from the bottom of the plant as it grows. These dead leaves provide a haven for pests.



Photos to the left  
are used courtesy of  
Geoff Stein from Dave's  
Garden website.

\*Dick Wright's Nursery - call 760-723-7638 to make an appointment. They now have new aloe hybrids too!

## RESOURCES:

Books - "The Genus Echeveria" by John Pilbeam

"Echeveria Cultivars" by Lorraine Schulz and Attila Kapitany – BOTH IN OUR LIBRARY!

[https://www.youtube.com/watch?v=dfn57\\_q\\_4Ok](https://www.youtube.com/watch?v=dfn57_q_4Ok) – Part 1 – Meet Dick Wright, by Debra Lee Baldwin

<https://www.youtube.com/watch?v=eGQLCBLfBPE> – Part 2 – Dick Wright on Echeverias - Wright Cultivars, by Debra Lee Baldwin

[https://www.youtube.com/watch?v=e5sS4\\_pmXUc](https://www.youtube.com/watch?v=e5sS4_pmXUc) – Part 3 – Dick Wright on Echeverias - How to Grow, by Debra Lee Baldwin

<https://www.youtube.com/watch?v=9ZUnvTfVGDM> – Debra Lee Baldwin - How to Behead & Propagate Ruffled Echeverias

<https://www.youtube.com/watch?v=2LBn4toeyl> – harvesting Echeveria imbricate pups

<https://plantcaretoday.com/echeveria-plant-care.html>

AND

<https://succulentplantcare.com/how-to-grow-and-multiply-echeverias/>

<https://worldofsucculents.com/page/2/?genera=echeveria>

AND

<https://worldofsucculents.com/grow-echeveria-seed/>

<https://worldofsucculents.com/?genera=echeveria>

<https://www.drought-smart-plants.com/how-to-grow-echeveria.html>

<https://davesgarden.com/guides/articles/view/996> - this is a detailed article about echeverias with lots of photos

<https://www.youtube.com/watch?v+9ZUnvTfVGDM> - Debra Lee Baldwin - How to Behead & Propagate Ruffled Echeverias

<https://www.youtube.com/watch?v=2LBn4toeyl> – harvesting Echeveria imbricate pups

# BRAG TABLE WINNERS

## Novice Cactus

- 1<sup>st</sup> Christine Hays *Haageocereus crest* # 1  
 2<sup>nd</sup> Rebecca Wooster *Astrophytum myriostigma* # 2

## Intermediate Cactus

- 1<sup>st</sup> Neila Rybicki *Mammillaria camptotricha* # 3  
 2<sup>nd</sup> Neila Rybicki *Lophophora williamsii*  
 3<sup>rd</sup> Neila Rybicki *Oreocereus celsianus*

## Advanced Cactus

- 1<sup>st</sup> Dean Karras *Mammillaria guelzowiana* # 4  
 2<sup>nd</sup> Dean Karras *Astrophytum asterias*  
 2<sup>nd</sup> John Barkley *Gymnocalycium sp.* # 5  
 3<sup>rd</sup> John Barkley *Gymnocalycium mesopotamicum*

## Novice Succulent

- 1<sup>st</sup> Jamaye Despaigne *Echeveria hybrid*  
 1<sup>st</sup> Rebecca Wooster *Pachypodium bispinosum* # 6  
 2<sup>nd</sup> Charlyne Barad *Eulophia petersii* # 7  
 3<sup>rd</sup> Charlyne Barad *Haworthia attenuate* # 8  
 3<sup>rd</sup> Christine Hays *Gasteria* # 9

## Intermediate Succulent

- 1<sup>st</sup> Neila Rybicki *Cynanchium marnierianum* #10  
 2<sup>nd</sup> Kevin Smith *Echeveria sp.* #11  
 2<sup>nd</sup> May Fong Ho *Euphorbia ammak variegata* #12  
 3<sup>rd</sup> Winston Chan *Agave 'Blue Glow'*  
 3<sup>rd</sup> Libbi Salvo *Echeveria hybrid crest* #13

## Advanced Succulent

- 1<sup>st</sup> John Barkley *Mesembryanthemum*  
 Crystallinum #14  
 1<sup>st</sup> Dean Karras *Echeveria agavoidea 'Ebony'* #15

## Plant of the Month - Novice

- 1<sup>st</sup> Charlyne Barad *Mammillaria polythele 'Toluca'*

## Plant of the Month - Intermediate

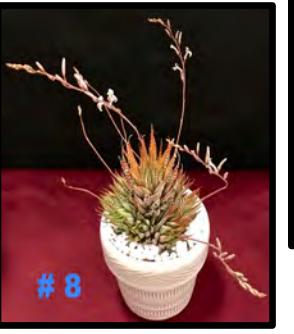
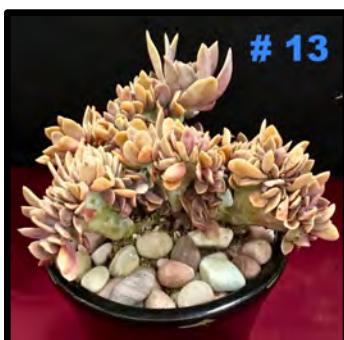
- 1<sup>st</sup> Wanda Mallen *Euphorbia tortirama* #16  
 2<sup>nd</sup> Harold Dunn *Euphorbia bupleurifolia* #17  
     x *Susannae*  
 2<sup>nd</sup> David Buffington *Obregonia denegrii* #18  
 3<sup>rd</sup> David Buffington *Stenocactus multicostatus* #19

## Dish Garden - Novice

- 1<sup>st</sup> Jamaye Despaigne *Succulent Dish Garden* #20

Why are the numbers on the photos different sizes? The photos are numbered in the photo program. Then when they are placed on the page they get sized to fit, something that can't be determined in advance, thus the number size changes.

At least they now have prettier numbers! 😊



# Succulent Gardening by tina ~ We Grow Succulents

We're Selling Succulent Plants & Jerry's handmade ceramic pots

Friday, July 19th 9am - 3pm

Saturday, July 20th 9am - 3pm

and

Coffee in the Garden ~ Saturday, August 17<sup>th</sup> ~ 10am - 3pm

When you RSVP @ [succulentsus@gmail.com](mailto:succulentsus@gmail.com) we can let you know about any changes!

PLUS: We're bringing larger plants from our Vista nursery and special collector echeverias for echeveria lovers!



Thousands of plants to choose from, so please come, you'll be glad you did and so will I!

Walk through our garden and get ideas for yours! Bring a friend! We would appreciate that!

*Thank you from Tina & Joe*

Visit our website: [www.succulents.us](http://www.succulents.us) ~ A picture is worth a thousand words!

## 34<sup>th</sup> Annual Inter-City Cactus & Succulent Show & Sale

**August 10 - 11, 2019**

**9 AM to 5 PM**

**LA County Arboretum**

**301 N Baldwin, Arcadia**

**[www.intercityshow.com](http://www.intercityshow.com)**

**626-821-3222**

**Free with Arboretum Admission**

You too can enter this show! It is open to any member of a club who is an affiliate member of CSSA (Cactus & Succulent Society of America), which we are.

If you are interested and want the documents with all the details,

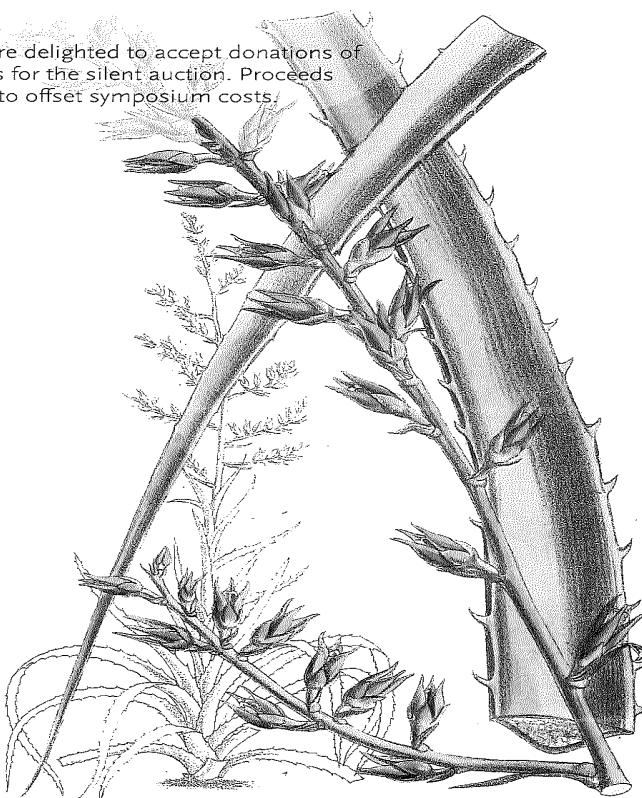
please email Annie Morgan @ [info@palomarcactus.org](mailto:info@palomarcactus.org).



# Huntington Botanical Gardens

## 36<sup>th</sup> Annual Succulent Symposium

We are delighted to accept donations of items for the silent auction. Proceeds help to offset symposium costs.



Illustrations from: Curtis's Botanical Magazine

**Andrew Siekkinen**, Rancho Santa Ana Botanic Garden, Claremont, California. *Exploring succulent bromeliads: in the field, in the garden, and in the lab*

**Alberto E. Areces-Mallea**, La Marquesa Botanic Park, Guaynabo, San Juan, Puerto Rico. *Cacti of the West Indies: The endemic genus Leptocereus*

**Ron Kaufmann**, San Diego, California. *Why can't we all just get along? Fostering beneficial relationships between botanical gardens and succulent plant collectors*

**Karen Zimmerman**, Huntington Botanical Gardens, San Marino, California. *An insider's tour of the Huntington's desert collections*

**Paul Hoxey**, Cambridge, Great Britain. *Cacti of Peru: from the Pacific coast to the high Andes*

**Time:**  
Registration and continental breakfast, 8:30 am. Program, in the Ahmanson Classroom from 9:00 – 5:00, also includes silent auction, lunch, succulent plant sales, and a reception.

**Registration:** \$85.00

**Deadline for registration is August 27**

Send registration form and a check (payable to The Huntington) or credit card information to:

Succulent Plants Symposium  
Huntington Botanical Gardens  
1151 Oxford Road  
San Marino, CA 91108  
(626) 405-3504  
(626) 405-3501 FAX

Name(s) \_\_\_\_\_

\_\_\_\_\_

Affiliation \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

Program \_\_\_ x \$85.00 \_\_\_\_\_

Donation \_\_\_\_\_

Total enclosed \_\_\_\_\_

Credit card # \_\_\_\_\_

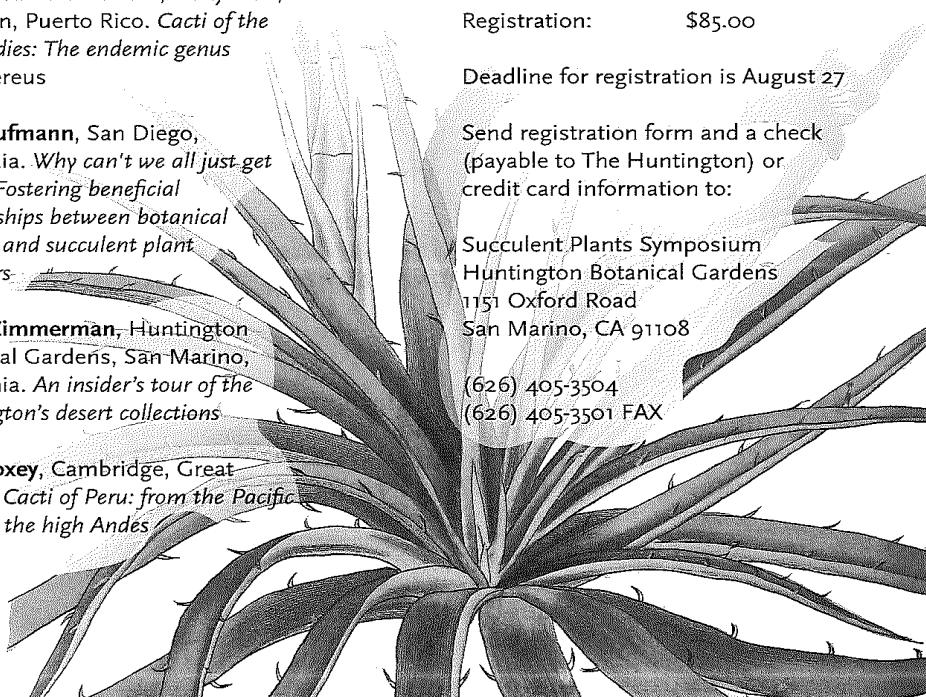
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Signature \_\_\_\_\_



**Huntington Botanical Gardens**



## **Palomar Cactus & Succulent Society**

[The North San Diego County C & S Club!](#)

### **MEMBERSHIP FORM**

[Click here or go to: <http://www.palomarcactus.org> for a form.](#)

### **2019 MEETING SCHEDULE**

#### Speakers & Topics & Plants of the Month

August 24<sup>th</sup> ----- Annual Picnic at San Diego Botanic Garden

September 28<sup>st</sup> - Linda Bresler –  
“Companion Plants for Succulents”  
P of M\* – TBA, and Packing your Plants to  
Bring to a Show - Demonstration

October 26 - 27 --- FALL SHOW & SALE  
AT SAN DIEGO BOTANIC GARDENS IN ENCINITAS

November 23<sup>rd</sup> - Woody Minnich – “20 years in the Atacama Desert”  
& P of M\* TBA

December 21<sup>st</sup> - [3rd Saturday](#) – HOLIDAY PARTY & GIFT PLANTS FOR YOU!

\* P of M = Plant of the Month

### **UPCOMING EVENTS**

#### July 26-27 ~ Orange County C & S Society Summer Show & Sale

Fri., 7/26 Noon - 8pm,  
Sat., 7/27 9 - 7pm,  
1000 S. State College Bl.,  
(Anaheim United Methodist  
Church)  
Anaheim, Info: 949-212-8417

#### August 10-11 ~ 34<sup>th</sup> Annual Intercity Show & Sale

9 - 5pm daily, LA County  
Arboretum,  
301 N. Baldwin Ave., Arcadia,  
Info: Tom Glavich 626-798-2430,  
or John Martinez 805-390-2139

#### August 31 ~ Huntington Botanical Gardens Succulent Symposium

1151 Oxford Road, San Marino,  
CA, Info: (626) 405-3504

See our website, [Palomarcactus.org](http://Palomarcactus.org),  
for the January 2019 newsletter with  
the complete list of events for 2019.

A stunning *Fockea edulis* bloom  
which is only  $\frac{1}{4}$ " across.  
Photo by Russel Ray

## **Palomar Cactus & Succulent Society**

### **BOARD OF DIRECTORS**

Brita Miller – President, Show Chair, Event Coordinator

• [president@palomarcactus.org](mailto:president@palomarcactus.org)

OPEN – Vice-President – Contact Brita Miller for information.

John Barkley – Treasurer

Moni Wailblinger – Secretary

Peter Walkowiak – Member at Large, Plant Expert

[hci@services@gmail.com](mailto:hci@services@gmail.com)

Lorie Johansen – Member at Large, Guest & New Member Ambassador, Plant of the Month Articles

David Buffington – Member at Large, Brag Points

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### **OTHER VOLUNTEERS**

Annie Morgan - Program Chair, Website, Newsletter Editor  
(paid position), [info@palomarcactus.org](mailto:info@palomarcactus.org)

Richard Miller - Membership [@palomarcactus.org](mailto:membership@palomarcactus.org)

Dennis Miller - Cash Register at Monthly Meetings

Sandy Wetzel-Smith & Bruce Barry - Refreshments

Vicki Martin - Co-Librarian

Kevin Smith - Brag Table

Francis Granger – Exchange Table, Guest & New Member Ambassador

Brian Magone - Exchange Table

Chet Reed - Brag Plant Photographer

Russel Ray - Event Photographer, Website

Nell McChesney - Name Tag Drawing Plants

Libbi Salvo - Monthly Meeting Set-up

## **Succulent Eye Candy**

