

Cactus Courier

Newsletter of the Palomar Cactus and Succulent Society

The North San Diego County Cactus and Succulent Club

Volume 69, Number 4

May 2023

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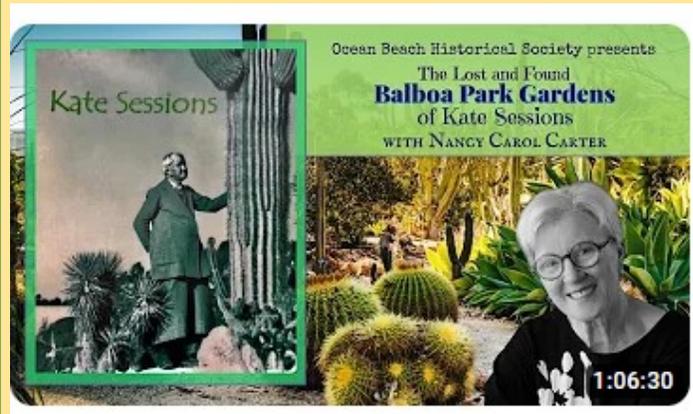
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This month's speaker will be Nancy Carol Carter speaking about Kate Sessions' Lost and Found Balboa Park Gardens, including cactus and succulent gardens. Please see details on page 2.



Meeting, Fourth Saturday, May 27
11:00 am—3:00 pm
Community Center, 210 Park Ave.
Escondido, CA

Brag Plant Table: Plants must be labeled and on the table no later than 11:45 am to be judged.

Benefit drawing and exchange tables, and auction.
All three will be held at the May meeting.

Library will be available. Please return books from prior months' checkout.

Plant of the month: Beaucarnea

Social Media

Website: www.palomarcactus.org

Instagram: [palomar.cactus.succulent.org](https://www.instagram.com/palomar.cactus.succulent.org)

Email: info@palomarcactus.org

Facebook for admin notices:

[@palomarcactusandsucculentsociety](https://www.facebook.com/palomarcactusandsucculentsociety)

Facebook group for members:

Palomar Cactus and Succulent Society Group



Palomar Cactus and Succulent Society's May Speaker: Nancy Carol Carter

Saturday, May 27, 2023

Park Avenue Community Center, Escondido



Nancy Carol Carter is a historian and frequent community speaker who researches and writes about horticulture and landscape history. Balboa Park and the life and work of Kate O. Sessions are special areas of focus. She has published widely and is the associate editor of *California Garden* magazine. She serves on the boards of the California Garden & Landscape History Society and San Diego Floral Association. She is a member of Forever Balboa Park's Horticulture Committee and Park Improvement Committee. Carter is retired from the University of San Diego School of Law.

The Lost and Found Balboa Park Gardens of Kate Sessions

With all we know about horticulturist Kate O. Sessions, her association with three specialty gardens in Balboa Park is an untold story. One of the gardens was almost lost to neglect, one was paved over as a parking lot, and one is simply not known to have a connection with Sessions. **This presentation revives the stories of these gardens, describes Sessions' early enthusiasm for growing cactus and succulents in our region, and recounts an intrepid plant-hunting expedition Sessions took in 1902.** The three gardens demonstrate Kate Sessions' ongoing commitment to improving Balboa Park and her interest in the botanical development of the San Diego region.

One of the gardens to be discussed is San Diego's first large aloe and agave garden, created with input from William Hertrich of the Huntington Gardens. This was the most carefully collected and composed garden created in Balboa Park before the Rose Garden was founded. The sad fate of this garden will be described in the talk.

Another of the gardens associated with Sessions is the cactus garden created for the 1935 exposition held in Balboa Park. After personal appeals by Kate Sessions, this garden was populated by very generous donations with species arriving from as far away as Texas. Since 1936 the garden's fortunes have waxed and waned, but conditions at the garden are currently on an upswing.

Nancy Carol Carter is a frequent community speaker. She researches and writes about horticultural history and has published in *Pacific Horticulture*, *Eden*, the *Journal of San Diego History* and *California Garden*. She is the associate editor of *California Garden* and makes Balboa Park and the life and work of Kate Sessions special areas of research.

Carter serves on the boards of San Diego Floral Association and the California Garden and Landscape History Society. She is a long-term member of the Mission Hills Garden Club and volunteers with Friends of Balboa Park and the Balboa Park Conservancy.

Here is a You Tube video of one of Nancy Carol Carter's presentations:

https://www.youtube.com/watch?v=NnjTc_SmSGs

Beaucarnea, Plant of the Month, May 2023

Lorie Johansen



Beaucarnea is a genus of flowering plants native to Mexico and Central America in the Asparagaceae family. Formerly in the Nolina family, it differs in that Beaucarnea has a one-celled ovary, while Nolina has three cells. The database “Plants of the World Online” (published by the Kew Royal Botanic Gardens) recognizes 13 species. These small tropical xerophytic trees grow to 30’ tall, with an impressive caudex as they mature. Young plants are single stemmed and branch only after flowering. The leaves are evergreen, linear, strap-shaped, up to 6’ long and are leathery in texture, with a finely serrated margin. Those minute serrations can easily slice a careless finger; be mindful when pruning. The flowers are produced only on old trees, forming on large panicles 30” + long; the small individual flowers are numerous, greenish white and immensely popular with bees. It’s not possible to determine sex until it flowers. After flowering the male inflorescence becomes straw-colored, the female inflorescence takes on a pinkish tinge when seeds are maturing. The mature female seeds are tan and the size of a peppercorn. Beaucarnea are dioecious which means that only the female plants will set seed, and the flowers require pollination from a male plant to be viable.

The best known, *Beaucarnea recurvata*, commonly known as the pony-tail palm (it’s neither), is often used as a house plant. It may be multi-trunked, but is more often single-trunked, with the trunks branching to form a multi-headed crown. They must be large to flower, so many people who grow them in pots never witness this. Beaucarnea has a high content of saponin which is considered poisonous for animals and therefore, it’s not suitable as a house plant in a home with cats or young dogs. Although there are conflicting reports, some websites say they are safe for pets. No matter, it would be a shame if a puppy chews on your beautifully grown caudex! It may be less painful to provide a pair of sacrificial shoes.

In addition to *B. recurvata*, there are three others in the genus that are like this species: the stiff-leaved *B. stricta*, the slender, bluish-leaved *B. gracilis*, and *B. guatemalensis*.

CULTURAL REQUIREMENTS:

Beaucarnea symbolizes strength. The name is a combination of Beau (beautiful) and carneia, an Ancient Greek harvest festival that’s celebrated under various names throughout Europe. It refers to the primeval power of the plant, which almost always manages to recover. Beaucarnea does best in full sun in a well-drained soil mix. It’s a slow growing desert plant adapted to bright light, so place it where it will receive as much light as possible. Plants can be moved outside for the summer but should be gradually acclimated to their new conditions to prevent sunburn.

In nature the plants would receive rainfall in the summer and remain dry through most of the winter. These conditions should be mimicked for container-grown plants – water deeply, but infrequently, allow to dry out between waterings, and reduce watering significantly in winter to avoid root rot.

Overwatering is the most common cause of failure. Fertilize once or twice during the growing season.

Propagation:



They can go for many years before needing to be repotted. A fine example is the photo of the *B. recurvata* on the porch of our Airbnb in Adelaide. Moving it to a larger pot will give it room to grow in both height and girth. When grown as a houseplant, mealybugs or scale can be a problem. Leaf tips tend to dry and be brown in the house, either from too much or not enough water, excessive fertilizer, or accumulated salts. In habitat it is a hardy tree that, other than periodic thinning of older leaves, requires little maintenance. Tolerant of both freezing and desert heat, in partial shade or in full sun, at elevation or near the ocean in virtually any type of soil.

Spring is the best time to harvest pups from the caudex base of the adult. Carefully excavate around the base of the parent plant to expose the base of the pups. Use a clean, sharp knife and cut the pup away from the adult plant. If there are multiple pups, choose one that is at least 4" tall as it will already be developing roots. Remove all but the top two or three sets of leaves. Use a nearly soilless medium, placing the rooted end in the moistened medium in a well-draining container. Cover the container with a plastic bag lightly secured around the edges of the pot. Place the container in a warm room in moderate light. Every few days, uncover and mist the surface of the soil.

While division is quicker, offsets do not always root. Growing from seed results in a surer propagation method and seeds germinate rapidly if soaked overnight or gently scarified. The tough seed coating needs to be softened or damaged slightly to allow the sprout to emerge. For seed propagation, fresh, viable seeds are required. Gather the capsules when mature (tan color versus green) and release the seeds onto paper or in a container to capture the seeds. Early fall is the best time to harvest after the summer bloom season. Sow seeds in 3-inch containers so you don't need to disturb seedlings for quite some time. Moisten a light gritty medium and sow seed on the surface of the soil, pressing it lightly. Top off with a light dusting of sand.

REFERENCES:

<https://powo.science.kew.org/taxon>

<https://animals.sandiegozoo.org/animals/ponytail-palm>

<https://hort.extension.wisc.edu/articles/ponytail-palm-beaucarnea-recurvata>

<http://www.lifl.com/Encyclopedia/TREES/Family/Dracaenaceae/Beaucarnea/>

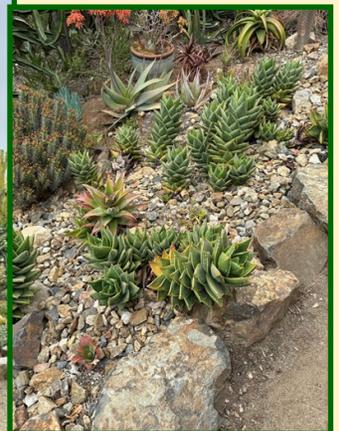
<https://www.ruthbancroftgarden.org/plants/beaucarnea-recurvata/>

SAN DIEGO ZOO SAFARI PARK FIELD TRIP

On Friday, April 28, a group of PCSS and SDCSS members enjoyed free entry and parking at San Diego Zoo Safari Park. The park donated 25 tickets to PCSS so our members could visit and learn about the Old World Succulent Garden.

May-Fong Ho was our tour guide extraordinaire! She shared her impressive knowledge of the plants and the history of the garden with us and answered our questions. She said that she and her team of volunteers have added over 1,000 plants to the garden during the last five years. May and other volunteers showed us what they do to keep the garden beautiful and thriving. Don Jones, who has taken over for May, was the person that got us the free tickets. There was even a gazebo providing shade, cold water, and treats for us! Thank you, Don!

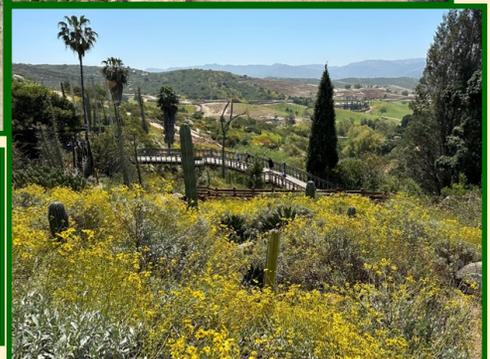
In addition to guiding us through the garden, May took us into the nursery area where they propagate and grow plants for the garden. She also showed us some plants that were confiscated as illicit, so can't be sold or put on display. Some plants were sold at our Spring Festival to benefit the Old World Garden.

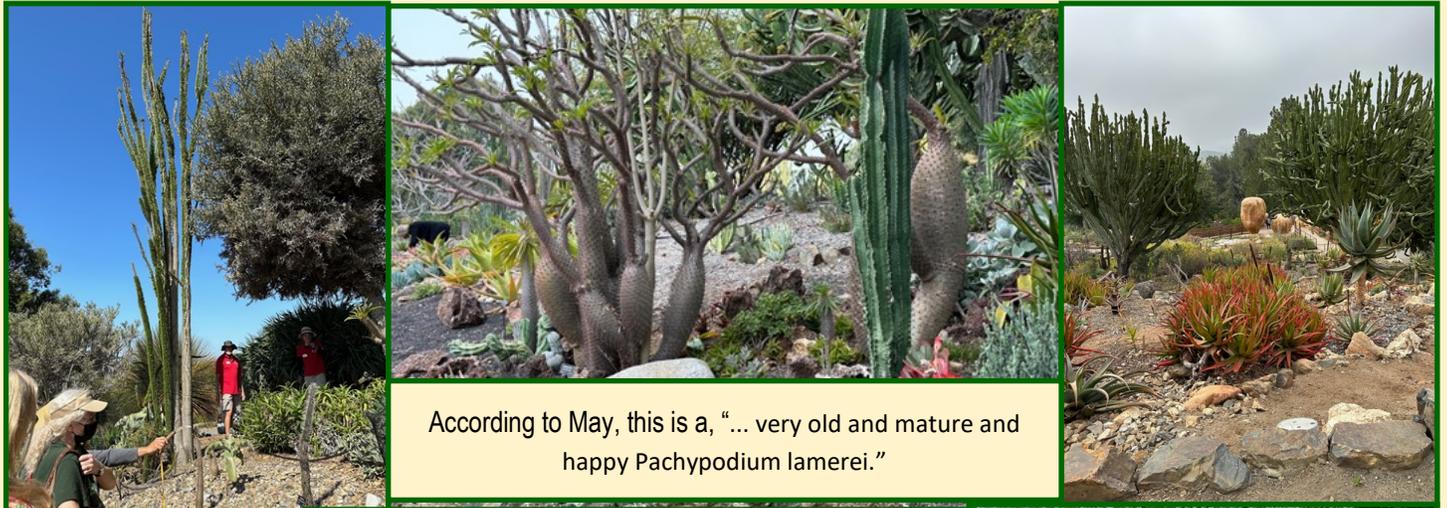


May-Fong Ho, our erudite tour guide!



What a magnificent garden!





According to May, this is a, "... very old and mature and happy *Pachypodium lamerei*."



Here is a link to an awesome video walk through San Diego Zoo Safari Park's Old World and Baja Gardens. Enjoy!
<https://www.youtube.com/watch?v=VOidwzpkFVM>
 If the hyperlink won't open, right click on it and select "Open Hyperlink."



Some of us wandered over to the bonsai display.



May took us into the area where they propagate and grow plant specimens. We enjoyed our backstage tour of the Old World Garden!

SPRING FESTIVAL WRAP UP

The Spring Festival was as well-attended as any event we've held at the community center. In addition to a large member turnout, there were more than 70 non-member guests among the crowd of happy plant admirers and shoppers. AND, seven of those folks became new members! Many thanks to the at least a dozen members who publicized the event through news media, various club outlets, neighborhood flyers, Facebook pages, and word of mouth. Clearly your efforts were very effective! Our super attendance was reflected in the sales which treasurer, Teri Shusterman, said totaled almost \$5,000!

Twenty PCSS members exhibited 85 plants that prompted lots of oohs, ahhs, and even giggles from delighted beholders. Sadly, there were only three novice exhibitors. It would be wonderful to have lots of our novice plant lovers join in the show. This is a fun and painless way to dip your toes into the plant show pool! Please join in!

Our three workshops were very well attended and enjoyed by members and guests. Huge thank you to our presenters: Robert Kopfstein, Pauline Wong, Libbi Salvo, and Moni Waiblinger. The information you shared was a great benefit to all of us in the cactus and succulent hobby! Thank you!



Pauline presented "Succulent Potpourri: Practical Tips."



Robert presented "Summer and Winter Growers."



Libbi and Moni presented "Creative and Exciting Ways to Plant Succulents."



PEOPLE'S CHOICE AWARD WINNERS



Pat Hammer
Novice
Albuca spiralis



Charlyne Barad
Intermediate
Crassula 'Morgan's Beauty'



Russel Ray
Advanced
Dish Garden

PHOTOS OF THE DAY



Liz tallied People's Choice votes



Thanks to Sandy and her kitchen crew!

What a feast we had!

Thanks to all who brought food!



Made by our clever presenters
Libbi & Moni

MORE PHOTOS OF THE DAY



Many thanks to Ken Brown, member of SDCSS, who spent the whole day working the cash register!

Every one of the 684 sticks represents an item sold, for a total of \$4,363 in sales!

Wow!



Thank you to Karen Henderson for manning the hold table all day!



The line to pay went all the way to the back door!



↑
Thank you, Teri, for spending the whole day on the credit card Square!



There was a lot of excitement in the room!



Ken, Teri, Harold, and Candy, Thank you!

EVEN MORE PHOTOS OF THE DAY



Wow, look at those amazing plants!



Members enjoyed a relaxing lunch and socializing.



"My wife asked why I grow dead plants!"



President's Corner, May 2023
Cacti of the Caribbean
Robert Kopfstein

The numbers vary, but there are between 1500 and 2000 species of cactus in the world. Most often when people visualize this spiny member of the plant world they imagine a scene out of the desert Southwest where the iconic saguaro (*Carnegiea gigantea*) dominates the Arizona landscape. Or they may think of the gigantic cardon (*Pachycereus pringlei*) that grows on the western coast of Baja California. Both of these giants can live for 200-300 years. When I first came to California I was in a nursery that had a boxed specimen of saguaro that presumably originally sprouted when Thomas Jefferson was President. Mexico can boast of having the most species of cactus indigenous to the country, but there are other arid lands in the Americas where cactus abounds. The US, Chile, Peru, Argentina, and Brazil all have their fair share of cactus genera native to their respective countries.



Pachycereus pringlei



Caribbean tree cactus, *Opuntia falcata*

One region that often is overlooked is the Caribbean. This is a region that most people might associate with tropical lagoons, posh resorts, Carnival cruises, periodic (and alas more frequent) hurricanes, and Jamaican rum. But the Caribbean is also home to a wide variety of cacti because there are scores of islands on which the conditions abound for cacti to thrive. Islands usually have wet windward sides and dry—sometimes very dry—leeward sides, where xerophytic plant communities have optimal opportunities to succeed.

The family Cactaceae is divided into three subfamilies:

Pereskioideae, Opuntioideae, and Cactioideae: all three of these subfamilies are represented in the plant communities of the Caribbean. The genus *Pereskia* is the most ancient of the three subfamilies, and it is the ancestor of the Cactioideae which contains about 90% of the species in the family Cactaceae, including many of the species native to the Caribbean.

What are some of the cacti that call the Caribbean region home?

- Stenocereus griseus from Colombia
- Subpilocereus reponocus



Melocactus intortus

Opuntia consoka falcata (a tree-like species)

Pilosocereus lagunosus

And there are many more.

Three islands off the north coast of Venezuela contain the Aruba-Curacao-Bonaire cactus scrub ecosystem. Part of this area is now a preserve to protect the plant communities that are found there.

Jamaica is home to *Opuntia Jamaica*, a low growing cactus that in recent years has become rare. It is only one of 200 species of *Opuntia* found in the Americas.

In the Bahamas there is *Pilosocereus lagunosus* and *Opuntia lumifusa*, which also can be found in Florida (cactus in Florida?). There is more to the sunshine state besides orange and palm trees).

Puerto Rico has five types of cactus:

Pilosocereus rayenii

Melocactus intortus

Stenocereus fimbriatus

Leptocereus quadricostatus

Hylocereus trigonnis

The island of Hispaniola, which has both Dominican Republic and Haiti, has *Consolea* (formerly *Opuntia*) *moniliformis*, a necklace-like prickly pear which can reach 12 – 21 feet in height. Because of severe deforestation in Haiti—the trees were cut to make cooking charcoal—this *Consolea* is likely extinct in Haiti, but it survives in the Dominican Republic. Also in the Dominican Republic is *Consolea rubra*, and *Melocactus lemairei*, which according to the IUCN (International Union for the Conservation of Nature) is now “near threatened.”

The Cuban cactus scrub ecosystem covers 1300 square miles of the leeward side of the island. The vegetation includes:

Opuntia stricta

Opuntia militaris

Harrisia eriophora

Harrisia zactra

**Dendrocercus nudiflorus*

**Melocactus actinicanthus*



Cactus scrub on limestone substrate



Opuntia rubescens, "Roadkill Cactus"

**Leptocereus scopulophilus*

**Pereskia ziniiflora*

**Escobaria cubensis*

**Cylindropuntia hystrix*

All the asterisked plants are listed as threatened by the IUCN.

The Caribbean is home to many more species of cactus than I have cited here, including some that have not yet been scientifically identified.

One of my personal favorites is *Opuntia rubescens*, whose common name is Road Kill Cactus, because the paddles appear like they have tire tread imprints on them. This *Opuntia* is endemic to the Virgin Islands.

Becoming a traffic casualty is the least of the problems that beset the family Cactaceae. Agriculture and urban development, collecting, and folk medicine all have taken a heavy toll on cactus in the wild, making cactus number five among the world's most threatened organisms: 39% of cactus are facing possible extinction.

There are several principal causes for this situation. Residential and commercial development has gobbled up many thousands of acres of natural habitat. It is projected that by 2025 sixty million people will inhabit the Caribbean region, with sixteen urban centers, each with a population of 100,000+, several with nearly ten times that number.

Small holding farms and livestock operations also account for habitat degradation, threatening the native plant populations.

Nearly one half of the endangered species of Caribbean cacti are threatened by the illegal collecting of specimens, especially fueled by the high prices commanded in the European and Asian markets.

All of the negative pressure on cacti populations in the Caribbean is exacerbated by the "Island Effect"; the vegetation of islands is ecologically restricted by the geography. Island plants (and animals) tend to be ancient and isolated; think of the Galapagos tortoises, or the baobabs of western Madagascar. This genetic isolation causes island plants to exhibit very low adaptability under ecological adversity.

There are, however, groups organized to work with botanists to preserve and protect what remains of the cacti of the Caribbean region. They are doing this through in situ and ex situ conservation. Governments have tightened restrictions on the illegal plant trade and are seriously prosecuting those who would rob our descendants of the riches of this our mother Earth.

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NEWS OF UPCOMING EVENTS

37th Annual **Inter-City**
Cactus & Succulent
Show and Sale



Aztekium hintonii

August 4th, 2023 - Sale 8AM-5PM

August 5th & 6th, 2023 - Show & Sale 8AM-5PM

Los Angeles County Arboretum - www.intercityshow.com

Hosted by the Long Beach, Los Angeles and San Gabriel Valley Cactus & Succulent Societies

Instagram: @intercityshow Facebook Group: intercityshow

We encourage you to bring your own box to the sale





2023 Spring Garden Tour



Want to see some unusual, interesting plants?

View this *Acacia glaucoptera* and much more at Gary and Wanda's open garden event.

You will find collections of different types of plants grouped together, as well as many trees and specimens throughout the two-acre botanical wonderland in Fallbrook.

There is a new tropical garden in one of the "rooms" in the shaded area – it needs to live in the greenhouse in colder months but is now out and showing off in the warm weather. And, of course, with all the rain we've had there is spectacular growth and flowering all over.

Carlos from Rojas Succulents will once again be selling plants and there will be some of Gary's birdhouses and other surprises!

Date: Saturday, May 20, 2023

Time: 9:00 to 2:00

Address: 3856 Cedar Vale Way, Fallbrook, CA

CACTUS AND SUCCULENT SOCIETY OF AMERICA
56th ANNUAL SHOW AND SALE
AT THE HUNTINGTON

Dates: Friday, Saturday & Sunday, June 23 – 25, 2023

Location: The Huntington: 1151 Oxford Drive, San Marino, CA
The Botanical Center. Contact 626-405-3571

Sale and Show: Friday, Saturday & Sunday 10:00am - 5:00pm

Show set-up: Wednesday, June 21, 9:00 am - 1:00pm

Enter plants: Wednesday, June 21, 1:00pm - 6:00pm & Thursday, June 22, 9:00am - 4:00pm. Judging starts at 5:00pm Thursday

Dinner: Saturday, June 24 at 6:00pm, \$30 dinner. Menu: Mexican buffet with vegetarian options provided by Bon Appétit. Contact Barbara Hall by cell phone 818-429-6914 or email lbcjhall@aol.com to reserve a spot. Reservations must be made by June 16

Auction: Saturday, June 24 at 7:00pm. Items need to be registered by 2:00pm. There will be a Silent Auction during dinner and a Live Auction (35 items max.) after dinner. Auctioneers will decide placement of items: 2 items per person/business marked as donation or split (70/30)

Tear down: Sunday, June 25, 5:00pm

With regards to COVID-19 safety protocols, vaccinations are strongly recommended. Masks are optional.

CSSA Club Affiliates need to pass this information on to their club members. Show Schedules & Indexes will be available online through your Club newsletter or website & www.cssashow.com. Entry tags will be available at many of the local clubs & at the show. I can mail entry tags upon request.

All Vendors, Volunteers or Show participants need to wear their club badges (if you have one) and a HBG wrist band each day they participate. These will be distributed by the Show Chair each day. Please go directly to the Botanical Center and not through the front entrance.

For those NOT participating, special passes for this event will no longer be distributed ahead of time. Information regarding comped entry for CSSA & CSS Club Members will be forthcoming in May or June. At this time, entry to the HBG is by advance online reservation on weekends, no walk-ins and recommended for the Friday show/sale, even for HBG members. Stay tuned for updates!

There are opportunities to participate/volunteer in this year's show, in the showroom or sales areas, information table, holding area, welcome table at the HBG entry and for setup/teardown. All participants receive a show T-Shirt as a thank you. See you at the Show!

Nick Renteria Phone: 323-428-2215 (cell)

CSSA Annual Show Chair Email: Nick_Renteria@yahoo.com

Show schedule and catalog are available on their website: <https://cactusandsucculentsociety.org/>

Cactus and Succulent Society of America

56th Annual
Cactus and Succulent
Show and Sale
June 23-25 2023



Aloe bruynsii

Huntington Library, Art Museum and
Botanical Gardens

Hours 10 AM to 5 PM

1151 OXFORD ROAD, SAN MARINO, CA

INFORMATION 626-405-3571

Open to the public with paid admission or Huntington membership.
Advance online timed entry reservations are now required ONLY on
weekends for both visitors & members. NO WALK-INS. Limited daily capacity.
Friday sale reservations strongly recommended.
Go to the huntington.org website for tickets.



Garden Brag Plants



From Lorie Johansen:

Albuca nelsonii

Actually this is part of the road garden which is across the road from our property. Before I developed this land, it contained invasive high fuel nonnative weedy grasses. I removed the grasses (not easy) and developed a succulent garden over the last five years. It must survive with the water that Mother Nature provides....

Tom McCarter's happy Aeoniums



These pictures are from Marlene Walder's garden.



Top five photos are from Deborah Pearson.
Echinopsis (top left)



Puya venusta

Lampranthus Ice Plant

Echinopsis ancistrophora

All three of the magnificent blooms above were photographed by Kevin Smith at Palomar College Cactus Garden.



Russel Ray's Mammillaria



Teri Shusterman's Dudleyas
(Don't they look like explosions?!)



Erik Gronborg's
Haemanthus albiflos



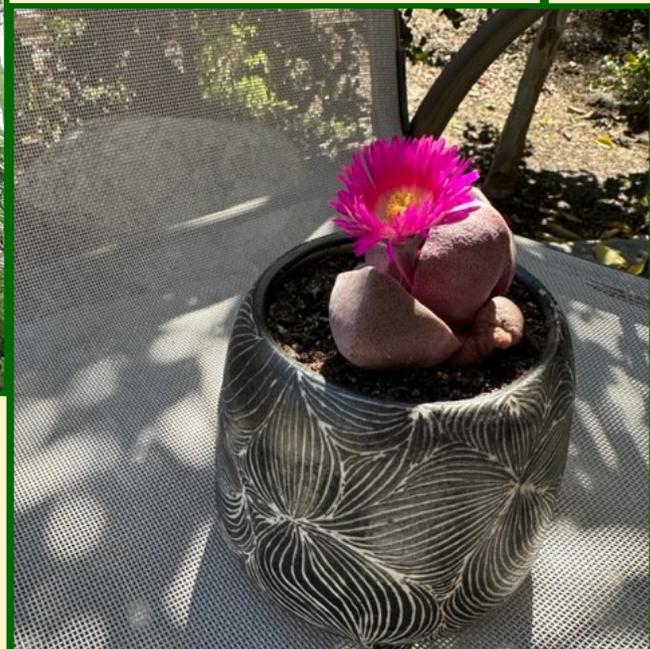
Erik Gronborg's
Haemanthus coccineus



Hummingbird nest in
Charlyne Barad's hanging
Tradescantia



Erik Gronborg's. Puya coerulea from the high Andes in Chile. It's in peak bloom right now, six feet to the top of the flower stalks.



Windy Chen and Eddy Hsia's
Pleiospilos nelii
(mimicy plant)

And, even more impressive:
Windy made the pot!



Moni Waiblinger's
Aeonium sunburst

Deborah Pearson's Tillandsia and Austrocyllindropuntia
subulata 'Eve's Needle' cactus in bloom



Lois Walag's Aloe lineata

Bernie Mases' Totem Pole cactus



Moni Waiblinger's Aeonium dodrantale

Moni Waiblinger's succulent bloom bouquet

Current Board and Volunteers

President—Robert Kopfstein—president@palomarcactus.org

Vice President—Dean Karras gnoxisnursery@gmail.com

Past President, Meeting set-up—Brita Miller

Treasurer—Teri Shusterman treasurer@palomarcactus.org

Assistant Treasurer—Liz Rozycki

Secretary—Moni Waiblinger

Members at Large—Charlyne Barad, David Buffington, Lorie Johansen

Event Coordinator/Charlyne Barad eventcoordinator@palomarcactus.org

Newsletter—Charlyne Barad, Michelle Leung eventcoordinator@palomarcactus.org

Brag Points—David Buffington

Brag Table—Kevin Smith

Cash Register at Monthly Meetings—Teri Shusterman, Dennis Miller Exchange

Table—Brian Magone

Facebook - Annie Morgan—info@palomarcactus.org

Guest & New Member Ambassador & Plant of the Month—Lorie Johansen,

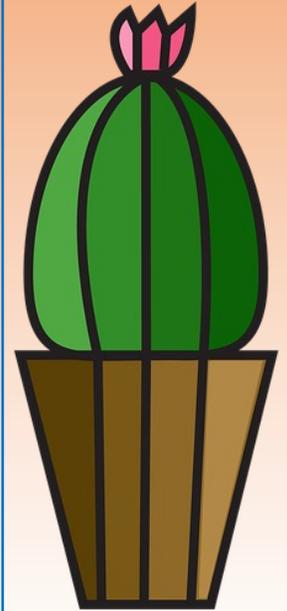
Instagram—Dean Karras—gnoxisnursery@gmail.com

Library—Barbara Raab librarian@palomarcactus.org

Membership—Richard Miller

Refreshments—Sandy Wetzel-Smith, Bruce Barry

Website—Annie Morgan, Russel Ray



PCSS welcomes new members

**Bruce Gould, Julie Frank
Norb and Donna Roden,
Jody Sorlien, Cindy Speakman,
and Mary Tigue-Velardi.**



2023 Meetings, etc. Schedule

May 20 Wanda & Gary Coffee in the Garden

May 27 Nancy Carol Carter, Kate Sessions'

Cactus & Succulent Garden

Jun. 24 Philippe de Vosjoli, Caudiciforms

Jul. 22 Steve Plath, Desert Restoration

Aug. 26 Picnic

Sept. 23 Jeff Moore, Dudleyas

October 28, TBD

Nov. 18 Ivon Ramirez, The Hechtias of Mexico

Dec. 16 Holiday party