

September 2023

ROADRUNNER NEWS

Newsletter of the Long Beach Cactus Club
Founded 1933; Affiliate of the Cactus and Succulent Society of America, Inc.

PRESENTATION: Ernesto Sanoval - *Understanding Plant Hormones for Propagation and Growth of Succulents*

Many years ago, Ernesto gave a very well received lecture on plant hormones to several southern California Succulent clubs and perhaps even ours . This time around he will revisit hormones for an important review, but talk more about how they are involved in and used used when propagating and pruning plants, particularly succulents, as well as their role in seasonal growth. (more photos and less diagrams!)

Ernesto Sandoval has been wondering and seeking questions and answers to why plants grow and look the way that they do for nearly 40 years. Now he explains and interprets the world of plants to a variety of ages and from amateur to professional gardeners. He regularly lectures to a variety of western Garden Clubs throughout the year and particularly to Succulent Clubs throughout California. Desert plants are his particular passion within his general passion for plants. He describes himself as a “Jose of All Plants, Master of None” and loves learning from the experiences of others as well as his own. Ernesto thoroughly enjoys helping others, and gardeners in particular, to understand why and how plants do what they do.

When he was about 13 he asked his dad why one tree was pruned a particular way and another tree another way. His dad answered bluntly “because that’s the way you do it.” Since then he’s been learning and teaching himself the answers to those and many other questions by getting a degree at UC Davis in Botany and working from student weeder/waterer to Director/Manager over the last 30 years at the UC Davis Botanical Conservatory.

He’s long left the “mow blow and go” monoculture landscape gardening world and has immersed himself in the world of horticultural biodiversity by growing several thousand types of plants at the UC Davis Botanical Conservatory, many of them succulents! Several of his favorite garden projects involved converting lawns and or water loving landscapes to drought tolerant and diversity filled gardens! He likes to promote plant liberation by encouraging gardeners of all sorts to grow more plants in the ground when possible. He loves the technical language of Botany but prefers to relate information in more understandable methods of communication! By helping people to understand the workings of plants he hopes to help us better understand how to and why our plants do what they do and how we can maximize their growth with less effort.



Long Beach Cactus Club

Auction & Sale - October 1st 2023

12PM - 4PM - 9402 Oak St, Bellflower, CA 90706



**Lots of Great
Vendors On Site
and Live Auction**

**To enter an auction plant email:
longbeachcactusclub1@gmail.com
or direct message the
Lbcc Instagram page
[@long_beach_cactus_club](https://www.instagram.com/long_beach_cactus_club)**

Succulent of the Month - Pelargonium/Sarcocaulon

Pelargonium and Sarcocaulon are two types of succulent plants within the Geraniaceae family. While Sarcocaulon is native to South Africa and Namibia, Pelargonium is primarily centered in South Africa but has some species found in more distant places like Kenya and Yemen. The majority of succulent species in these genera originate from South Africa or Namibia.

Many Pelargoniums can self-pollinate, and their seeds are easily collected post-flowering. Cross-breeding is common, resulting in garden hybrids when multiple species bloom simultaneously. Planting seeds collected in spring during late September to November allows them to germinate swiftly and grow throughout the winter before entering a dormant phase in the summer.

Sarcocaulon comprises around 14 species and shares similar growing requirements with Pelargonium. However, most Sarcocaulon species prefer a drier summer environment to thrive.



Sarcocaulon herrei



Pelargonium cotyledonis



Sarcocaulon crassicaule



Pelargonium mirabile

Cactus of the Month - **Lobivia/Echinopsis**

Echinopsis genus has been redefined to encompass other related genera like Lobivia, Trichocereus, Heli-anthocereus, Pseudolobivia, and several lesser-known ones. This expanded genus now consists of approximately 120 species, all originating from South America.

This shift in classification is mainly due to the observation of natural hybridization among these species in the wild, causing former species and genera to blend together at the edges of their habitats. It's worth noting that many people still prefer using the old Trichocereus classification, especially in ethnobotanical literature. While taxonomists have combined these genera, it will take considerable time for these name changes to be adopted by collectors.

In terms of their characteristics, Echinopsis plants have scaly and woolly flowers with a noticeable ring of stamens in the throat. Lobivia generally feature short floral tubes, flowers that open during the day, and come in white or vibrant colors. On the other hand, Echinopsis typically have long floral tubes, with most species having white or translucent flowers. Yet, exceptions to these patterns exist, and attempts to clarify relationships have led to the creation and abandonment of various intermediate genera. Some species demonstrate transitions between Lobivia and Echinopsis as well as Trichocereus.



Echinopsis lageniformis monstruosa variegata



Echinopsis mirabilis



Echinopsis caineana



Echinopsis ancistrophora pojoensis

LBCC PLANT-OF-THE-MONTHS RULES

At the April, 2003 meeting, the following rules were adopted for the Plant-of-the-Month (POM) competition:

- A maximum of three plants may be entered in each category (cactus and succulent).
- There will be three classes for entrants: advanced (blue tag), intermediate (pink tag) and beginner (yellow tag).
- Advanced and intermediate entrants must have had the plant in their possession for at least six months, beginners for three months.
- Entrants will receive 8 points for first place, 6 points for second place, 4 points for third place, 2 points for show/honorable mention (HM) and 1 point for showing a plant that does not place.
- At the discretion of the judges there may be up to three third places in a category. If plants are not deemed to be of sufficient quality, no third place will be awarded.
- For an entrant to receive points, the entry tags must be collected by the person in charge of record keeping for POM.
- At the annual Christmas party, award plants will be presented to the ten highest cumulative point holders regardless of class.

Long Beach Cactus Club 2023 Plants of the Months

<u>MONTH</u>	<u>CACTI</u>	<u>SUCCULENTS</u>
September	Lobivia/Echinopsis	Pelargonium/Sarcocaulon
October	AUCTION	
November	Miniatures (3) - pots under 3"	Miniatures (3) - pots under 3"
December	HOLIDAY PARTY	

2023 POM MINI-SHOW STANDINGS

Advanced		Intermediate		Beginner	
Gary Duke	107	Henry Angulo	91	Derrick Cantu	68
Russel Ray	18	Richard Salcedo	86	Kelly Eddy	61
Kathy McNair	11	Amy Angulo	54	Shirley Kost	22
Maria Capaldo	13	Andrew Lander	12	Chris Bucka	19
Ken Shaw	6	Charlie Traier	11	East Los Succulents	16
		Lemono Lott	10	Dam (pronounced "Dom")	15
		Alden Norris	9	Ashley Cantu	13
		Daniel Almanza	1	Gretchen	12
				Dan Papilli	11
				Nathan Adams	9
				Angela Clubb	6
				Shane M.	6
				Nathan Adams	4
				Nelson Hernandez	4
				Jon Mun	4
				Julianne Skinner	3
				Victoria Bruno	2
				Alan Ronn	2
				Brian Simmons	2
				M.A. Bjarkman	1
				David Cantu	1
				German R.	1
				Christine	1



The Long Beach Cactus Club

Est. 1933

Meeting Highlights:

- Monthly programs led by plant experts from around the world
- Mini shows each month with different categories of cacti & succulents
- Vendors selling plants, pots, tools, and more
- Monthly raffles
- Advice from members for plant identification and care

Meeting Information:

1st Sunday of each month

1:00 pm

Woman's Club of Bellflower 9402 Oak St, Bellflower, CA

Member Sign Up

\$20.00 per year, per membership

\$10.00 for engraved name badge (optional)

Cash or Check - Made out to the Long Beach Cactus Club

Membership year: _____ Amount paid: _____

Name: _____

Email: _____

Address (for mailing purposes): _____

Phone number: _____

2023 SPEAKERS AND MEETING DATES

September 3rd - Ernesto Sandoval
October 1st - Sale/Auction
November 5th - Rob McGregor
December 3rd - Holiday Party

SNACK AND REFRESHMENT SCHEDULE

<u>MONTH</u>	<u>LAST NAME STARTS WITH</u>
September	S, T, U, V
October	Auction
November	W, X, Y, Z
December	Holiday Party

LBCC OFFICERS AND BOARD MEMBERS FOR 2023

PRESIDENT	Nelson Hernandez	SECRETARY	Kelly Eddy
VICE-PRESIDENT	William Ramirez	TREASURER	Henry Angulo
BOARD OF DIRECTORS	Scott Bunell, Ed Hansen, Daniel Almanza, Lemono Lott, Christopher Bucka		
CSSA LIAISON	M. A. Bjarkman	NEWSLETTER	Andrew Lander
VENDORS/PRIZES	Jim Hanna	PROGRAMS	Nelson Hernandez
MEMBERSHIP	Tanisha Herr	HISTORIAN	Ken Shaw
INTER-CITY SHOW	Henry Angulo & Scott Bunell	MINI-SHOW	Christopher Bucka
LIBRARIAN	Lisa Weller	X-MAS PARTY	Gary Duke
PHOTOGRAPHER	Alon Ronn	REFRESHMENTS	Amy Angulo
PLANT SALE	Kelly Eddy	AUCTION	Gretchen Lewotsky
INSTAGRAM	Scott Bunnell & Nelson Hernandez	WEBSITE	German Rivera & Scott Bunnell

NEWSLETTER

IF YOU HAVE ANY STORIES, cultivation tips, information about upcoming events, photos, corrections, or news in general about cacti and succulents that might interest our members, **please send them in**. **Comments and suggestions are always welcome**. Remember, this is *your* newsletter. Physical address: Andrew Lander, 3041 Roxanne Ave., Long Beach, CA 90808. Cyber address: landruc@gmail.com