

VOLUME 57 • NUMBER 08 • AUGUST 2022



# ESPINAS Y FLORES

SUMMER SHOW RESULTS • MEMBER PHOTOS  
LEDEBOURIA, DRIMIA & DRIMIOPSIS • UPCOMING EVENTS & more!

NEWSLETTER OF THE SAN DIEGO CACTUS & SUCCULENT SOCIETY  
AN AFFILIATE OF THE CACTUS AND SUCCULENT SOCIETY OF AMERICA





**ON THE COVER**  
Echinopsis blooms  
Photo by Shouqin Huo

## TABLE OF CONTENTS

President's Message pg 3

Upcoming speakers, club events, & webinars pg 4 –5

Member section pg 6 –10 • Summer score recap pgs 11 –12

Show Volunteers pg 13 • Plant of the Month pgs 14–15

July Brag Table pgs 16–23

## SDCSS SCHEDULE

Our next in-person meeting:

**August 6th**

Upcoming event:

**September Picnic in the Garden**

### EXECUTIVE BOARD

President	Pam Badger
Vice President	Chris Miller
Secretary	Donna Roden
Treasurer	John McCann

### DIRECTORS

Olga Batalov, Jerry Garner, Jen Greene, Kelly Griffin,  
Denise Huntsman-Griffin, Dean Karras, Al Kline

### COMMITTEES & SUB COMMITTEES

Conservation	Herb Stern
Brag table	Denise Huntsman-Griffin & Susan Hopkins
Plant of the Month	Pam Badger
Summer/Winter Show	Kelly Griffin
Historian	Jerry Garner
Grants	Jerry Garner
Library Committee	[open]
Exchange Plants/Seeds	Michelle Heckathorn & Sara Schell
Annual Sales	Chris Miller
Auction & Holiday Plants	Kelly Griffin
Show Auction Manager	[open]
Monthly Plant Sales	Jim DeForest & Melanie Howe
Monthly Supply Sales	Gerry Plaisted
Benefit Drawing Table	Allen Clark & Chuck Ramey

### Programs

Reception	Kelly Griffin
New Member Orientation	Susan Hopkins & Candy Garner
Monthly Regalement	Patricia Bryan & Jay Crowley
Picnic Regalement	Kathy Clark & Sandy Wetzels-Smith
Coffee in the Garden Coordinators	[open]
	Julie Dixon & Chuck Ramey

### LIAISONS

Balboa Park Desert Garden	Susan Hopkins
CSSA Affiliate Rep	Rick Bjorklund
SD Botanic Garden	Phyllis Flechsig
SD Botanic Foundation	Donna Roden
SD Floral Association	Jeanette Dutton
SD Zoo Safari Park, Baja & Old World Gardens	May Fong Ho
Palomar CS Society Liaison	Brita Miller

### MEMBERSHIP & PUBLICITY

Membership	May Fong Ho
Newsletter Editor	Der-shing Helmer
Webmaster	Jared Petker
Publicity	Christie Lathrop

### CONTACT SDCSS

membership@sdcss.net

### CONTACT EyF EDITOR

eyf.editor@gmail.com

Opinions expressed in articles and editorial comments are solely the opinions of the author or the editor, and do not necessarily represent the opinion of the SDCSS, the board of Directors, or the organization as a whole. All material submitted to the *Espinas y Flores* for possible publication may be edited in form and content and shared on the club's social media with attribution. All material contained in the *Espinas y Flores* may be reprinted by other non-profit organizations unless permission is expressly denied in a note accompanying the article. Reproduction in whole or part by any other organization without the express consent of the editor is prohibited.

## PRESIDENT'S MESSAGE

**G**reetings! I hope you are all enjoying the beautiful weather we are experiencing this Summer. I am feeling very grateful that while much of this country is sweltering, we are having one of the most moderate Julys that I can remember.



As the drought continues, and lawns are turning brown, we as an organization, can be proud of the years we have spent encouraging water-wise plants. The increasing numbers of desert landscapes around the county reflect the education and promotion we have all participated in. **On a cautionary note**, I know that many of us have added small water features in our gardens to support the birds and bees and other critters during the dry spell. Other critters are also being stressed during this time and are looking for water- including snakes. During the 40 years I have lived in Spring Valley I have seen very few snakes. Now, in the past 6 weeks, I had a 5 ft gopher snake visit my living room and discovered a rattlesnake just steps from my front door. They are just looking for a cool place to hide, food and water. Be cautious—keep paths wide, don't reach into shaded dark areas without looking, listen for the high pitched buzz of the rattlers. Let's all be safe.

I am already getting excited about our **PICNIC coming up September 10!** We will again be visiting the beautiful Kate Sessions Park in Mission Beach area. We had a great time last year enjoying the fantastic views, delicious Hawaiian food, and great company. This year we will be in Area 1, which is near the entrance to the park with a perfect area for the food truck, which will again be serving up Hawaiian cuisine! We will be providing bottled water and subsidizing much of the costs which have gone up since last year—cost will be \$7.50 for members, \$10.00 for guests. You will be able to sign up at the August meeting or online. More details in the September Newsletter. So mark your calendars and **be there!**

The August meeting will see the return of **Pre-Meeting Workshops!** Board member, Jen Greene will be giving a talk on "Succulents 101." She will be going over some of the basics of growing succulent plants including when and how to repot, when and how much to water, soil and fertilizer issues and more. Join us around 11:30 and get some answers to your "how to?" questions.

Looking forward to seeing you August 13!

*Pam Badger*  
July 24, 2022

## SDCSS AUGUST SPEAKER



**J**oin us **Saturday, August 6th** for our meeting and speaker: **Kevin Alison** on **“Preventing Plant Poaching and Extinction: Conservation Strategies for Dudleya.”**

**Our Program:** The genus *Dudleya* is a charismatic group of native succulents with many rare species across California and Baja. Recent popularity has attracted poachers who uproot these plants to supply demands internationally. Kevin will describe traditional and advanced propagation methods (such as plant tissue culture, Micropropagation) to produce large amounts of select *Dudleya* species ethically. This project aims to deflate the price incentives for poachers and provide agencies with an additional tool for conservation.

**Our Speaker:** Kevin Alison is the Production Manager at Tree of Life Nursery, a native plant nursery in San Juan Capistrano. Kevin holds degrees in Horticulture, Natural Resource Management, and recently achieved a Masters in Conservation and Restoration Science (MCRS) at U.C. Irvine.

**See you at the meeting on August 6th!**



## PRE-MEETING WORKSHOP

**Yes! It's the return of the SDCC pre-meeting workshop series!**

Join board member **Jen Greene** give a new-grower-friendly presentation **“Succulents 101”** with tips and tricks for growing plants that thrive in our local San Diegan conditions.

The pre-meeting workshop will be held in our meeting room at **11:30, on the left side of the room.**

Bring your questions and we'll see you there!

## EXTRA T-SHIRT ORDERS

Since our available stock is running low, Pat Bryan is collecting t-shirt orders for an additional run of the popular Baja design!

Available sizes are standard S through XXL (with sizes up to 4XL for a small added cost).

Prices are \$20 for a short sleeve t-shirt, and \$30 for a long sleeve t-shirt in the colors of blue, turquoise, yellow, and sangria pink.

Please email Pat at [paturodel@yahoo.com](mailto:paturodel@yahoo.com) or text her at **619-381-9498** to place your order.



## UPCOMING CSSA WEBINAR

Join the CSSA for their webinar about Plants in Arid Patagonia with speaker **Marcela Ferreyra** on Saturday, August 6th at 10:00 a.m. PDT.

**Patagonia** is the southernmost region in Argentina. The most remarkable feature in this territory is the Andean range that runs all along the West side from the North to South. The mountains, under a humid and cold climate, have luxurious forests on the slopes and alpine vegetation on their tops. Far from the mountains, the Extra-Andean Patagonia extends itself till the seashore showing a contrasting landscape, very arid and warm. These changes in the environmental conditions produce a remarkable diversity of plants. Patagonia is home to a quarter of the species in all the country.

This lecture will present Patagonia in general, very briefly, and will focus on the Extra-Andean Patagonia Plants displaying the most beautiful shrubs, perennial and cactus ordered by colors.

**Short Bio:** Marcela Ferreyra is a biologist, teacher, and botanical tour guide. Her activities have always been linked to the flora of Patagonia and to environmental education.

She was professor of Vascular Plant Systematics at the National University of Río Negro in Bariloche. She has taught Flora of Patagonia in Tourism and Mountain Guide training courses and Natural Sciences in the Institute of Teacher Training of Bariloche, among other institutions. Today she is retired from formal education.

[Webinar registration here](#)



## SHARE YOUR PASSION!

Have you ever read the *Espinas Y Flores* Newsletter 'Plant of the Month' article and thought - "I could do that!" Why not participate by writing a piece for our **Plant of the Month** feature? You don't have to be an expert!

Pick a genus or species that interests you, do a little research, find or take a few pictures and create an article to share with the club!

Contact Pam Badger: [pambad1@mac.com](mailto:pambad1@mac.com)

## SDCSS ONLINE

### FACEBOOK:

[www.facebook.com/sdcss](http://www.facebook.com/sdcss)

**TWITTER:** SanDiegoCactus

**INSTAGRAM:** #sdcss

**WEBSITE:** [www.sdcss.net](http://www.sdcss.net)



## MEMBER SECTION



Pam Badger and Bill O'Daniel enjoying the recent meeting. "I just thought they looked so happy!"  
**Denise Huntsman-Griffin**



"This is my tribute to Don Hunt that I just completed, pots all planted with euphorbias. I thought others might like to see it." **Wanda Mallen**

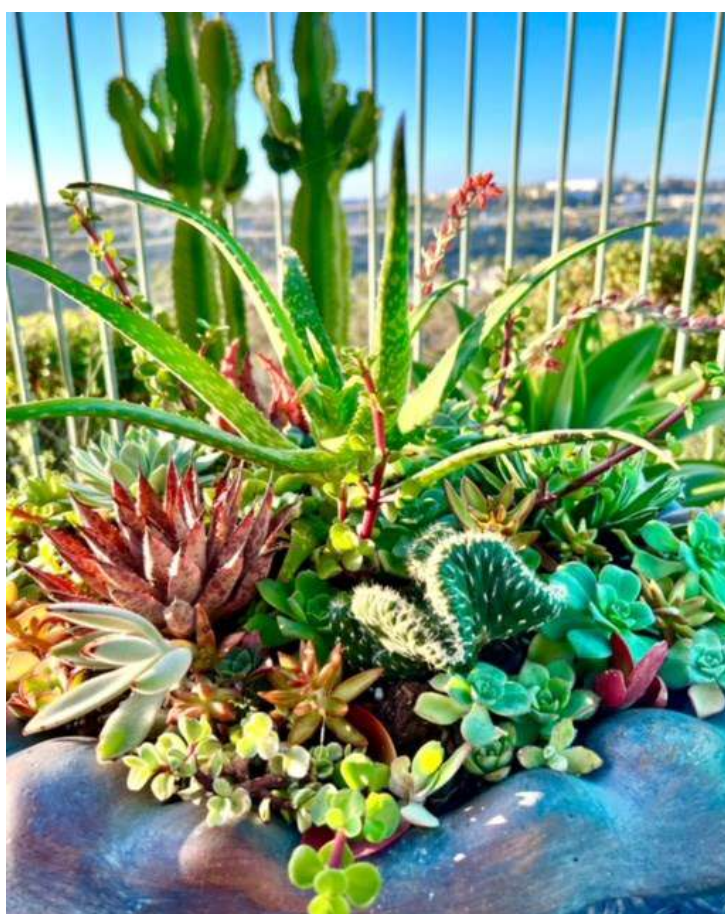


"*Selenicereus grandiflorus* aka 'Queen of the Night' growing on tree—not very attractive snake plant - but, oh those blooms!"

**Pam Badger**



## MEMBER SECTION



"These are a few of my potted plants that brighten my day!"

**Nancy Forcier**



## MEMBER SECTION



"I just wanted to share our cactus photos from this spring."

**Shouqin Huo**

These photos were so beautiful, I had to put one on the cover as well!! Thanks for sharing, Shouqin. —ed.



## MEMBER SECTION

Thanks so much to everyone who enjoyed my *Pachypodium lamerei* POM article and talk in July! At the meeting I asked members to share their own *P. lamerei* photos, and you really came through! Thanks very much, and enjoy this wonderful gallery of member plants.



*Pachypodium lamerei* crest

Wanda Mallen



In-ground *Pachypodium lamerei*

Michael Nelson



Top view of in-ground *Pachypodium lamerei*

Michael Nelson



## MEMBER SECTION



In-ground *Pachypodium lamerei*

**Michael Nelson**



At our last meeting, I passed out small packets of seeds for anyone who was interested in trying to grow their own *Pachypodium lamerei*... I was thrilled to receive an email from Marty who found success with his seeds on his first time growing. Congrats Marty! —ed **Marty Teasdale**



More of Marty's new *Pachypodium lamerei* seedlings

**Marty Teasdale**



# FINAL SUMMER SHOW SCORES (NOVICE & INTERMEDIATE)

SDCSS Annual Show Judging Record for Saturday June 2, 2022		Divisions I, II and IV					Div III Collections	Div V Exhibits	Div VI Art	Totals for Ribbons	Trophy Points	
Total # of Plants	Name	Blue 3pts	Red 2pts	White 1pt	No pt	Sub- Total	7pt/ 5p / 3pt	12pt/ 10pt/ 8pt			10 pt ea	Total Points
10	Peter Hagopian	10	-	-	-	30	-	-	-	30	1	40
9	Mona Lisa Palmer	6	3	-	-	24	-	-	-	24	-	24
8	Dr Cactus Succulents	7	1	-	-	23	-	-	-	23	-	23
6	Naomi Orosz	4	1	-	-	14	7	-	-	21	-	21
6	Don Jones	4	2	-	-	16	-	-	-	16	-	16
1	Lou Crow	1		-	-	3	-	-	-	3	1	13
5	Norb Roden	3	2	-	-	13	-	-	-	13	-	13
5	Ginger Steketee	3	2	-	-	13	-	-	-	13	-	13
3	Donna Roden	-	-	-	-	0	-	-	0	0	1	10
3	Molly Doane	2	1	-	-	8	-	-	-	8	-	8
2	Kaitlyn Long	2	-	-	-	6	-	-	-	6	-	6
2	Colman McVane	2	-	-	-	6	-	-	-	6	-	6
2	Donte Alexander Stevens	2	-	-	-	6	-	-	-	6	-	6
0	Brian Johnson	-	-	-	-	0	-	-	-	0	-	0
0	CSG Chris Garcia	-	-	-	-	0	-	-	-	0	-	0
0	David Velazquez	-	-	-	-	0	-	-	-	0	-	0
0	Jared Petker	-	-	-	-	0	-	-	-	0	-	0
0	Jose Ramos	-	-	-	-	0	-	-	-	0	-	0
0	Kevin Hosmer	-	-	-	-	0	-	-	-	0	-	0
0	Kirsten Higgins	-	-	-	-	0	-	-	-	0	-	0
0	Michael Loesch	-	-	-	-	0	-	-	-	0	-	0
0	Robin Street Mars	-	-	-	-	0	-	-	-	0	-	0
0	Russel Ramsey	-	-	-	-	0	-	-	-	0	-	0
0	Ruth Martinez	-	-	-	-	0	-	-	-	0	-	0
0	Steven Kramer	-	-	-	-	0	-	-	-	0	-	0

SDCSS Annual Show Judging Record for Saturday June 2, 2022		Divisions I, II and IV					Div III Collections	Div V Exhibits	Div VI Art	Totals for Ribbons	Trophy Points	
17	Chris Miller	6	7	3	1	35	-	-	-	35	1	45
20	Pauline Wong	9	2	4	5	35	-	-	-	35	-	35
7	Nick Basinski	3	4	-	-	17	-	-	-	17	1	27
8	Lisa Brosseau	3	4	1	-	18	-	-	-	18	-	18
8	Jen Greene	3	4	1	-	18	-	-	-	18	-	18
9	Alison Baldwin	3	3	2	1	17	-	-	-	17	-	17
6	Mary Aparicio	3	3	-	-	15	-	-	-	15	-	15
10	Antonina Lansangan	2	3	1	4	13	-	-	-	13	-	13
5	John Williams	2	2	-	1	10	-	-	-	10	-	10
6	Wendy Goldman	3	-	-	3	9	-	-	-	9	-	9
4	Cena Martin	3	-	-	1	9	-	-	-	9	-	9
3	Allen Clark	2	-	1	-	7	-	-	-	7	-	7
9	Herb Stern	1	2	-	6	7	-	-	-	7	-	7
3	Susan Hopkins	-	3	-	-	6	-	-	-	6	-	6
4	Richard Ryan	-	2	1	1	5	-	-	-	5	-	5
1	Janet Morgan	1	-	-	-	3	-	-	-	3	-	3
0	Chuck Ramey	-	-	-	-	0	-	-	-	0	-	0
0	Denise Griffin	-	-	-	-	0	-	-	-	0	-	0
0	Keith Taylor	-	-	-	-	0	-	-	-	0	-	0



## FINAL SUMMER SHOW SCORES (ADVANCED)

SDCSS Annual Show Judging Record for Saturday June 2, 2022		Divisions I, II and IV					Div III Collections	Div V Exhibits	Div VI Art	Totals for Ribbons	Trophy Points	
Total # of Plants	Name	Blue 3pts	Red 2pts	White 1pt	No pt	Sub- Total	7pt/ 5p / 3pt	12pt/ 10pt/ 8pt			10 pt ea	Total Points
58	Peter Walkowiak	31	13	8	5	127	7	-	-	134	8	214
32	Tina Zucker	11	9	7	5	58	-	-	-	58	2	78
18	Terry Parr	6	6	3	2	33	7	-	-	40	2	60
28	Candy/Jerry Garner	9	7	7	5	48	-	-	-	48	1	58
14	Brian Shepard	5	7	2		31	-	-	-	31	1	41
14	Matt Maggio	3	3	4	4	19	-	-	-	19	2	39
19	Gnosis Nursery	5	6	3	3	30	8	-	-	38	-	38
5	Kelly Griffin	1	3	1	-	10	-	-	-	10	2	30
6	Pam Badger	0	2	1	2	5	-	12	-	17	1	27
7	Woody Minnich	3	3	-	1	15	-	-	-	15	1	25
9	Miles Anderson	5	3	1	-	22	-	-	-	22	-	22
8	Kal Kaminar	2	1	2	3	10	-	-	-	10	1	20
8	Melanie Howe	3	5	-	-	19	-	-	-	19	-	19
8	Botanic Wonders	2	1	1	4	9	-	-	-	9	1	19
8	Jen Craig	3	3	2	-	17	-	-	-	17	-	17
10	Arnold Chaney	2	4	2	2	16	-	-	-	16	-	16
8	C/T	4	1	1	2	15	-	-	-	15	-	15
8	Christine Vargas	2	4	1	1	15	-	-	-	15	-	15
8	Cacti & Exotic	1	5	1	1	14	-	-	-	14	-	14
8	Living Cycads	2	2	3	1	13	-	-	-	13	-	13
8	Rainbow Gardens	2	2	3	1	13	-	-	-	13	-	13
8	Doug Hobson	2	3	1	2	13	-	-	-	13	-	13
8	Salley	2	2	1	3	11	-	-	-	11	-	11
8	Susan Aach	-	4	-	4	8	-	-	-	8	-	8
9	Rick Plant	1	1	3	4	8	-	-	-	8	-	8
6	Tom Biggart	-	-	1	5	1	-	-	-	1	-	1
1	Jen Greene	-	-	1	-	1	-	-	-	1	-	1

**514** Total show plants





## JOIN OUR NEW SHOW COMMITTEE



### A New Way To Get Involved!

As mentioned in the president's message, the job of the **Show Chair** has outgrown a single person's ability to do alone. There are many aspects and duties involved in this position and the board has decided it would be better tackled by a committee.

Dean Karras, the current show chair will continue in this position and will head the committee. The duties of the committee will include: care of the trophies, updating the show plant schedule, keeping track of show ribbons, organizing plants in the show, setting up the trophy stage, etc. Some of these tasks are done the day of the show, many before and after—something for anybody. Please consider getting involved by joining this committee.

Contact Dean Karras at [gnosishnursery@gmail.com](mailto:gnosishnursery@gmail.com).





## PLANT OF THE MONTH FEATURE

# OUR FORGOTTEN LITTLE FRIENDS

## LEDEBOURIA, DRIMIA & DRIMIOPSIS



*Drimiopsis maculata* at the 2005 Summer Show

Michelle Heckathorn

**Ledebouria**, **Drimia** and **Drimiopsis** are three genera of semi succulent, deciduous or mildly evergreen bulbs that are all part of the same family *Asparagaceae*. These cute little gems are constantly being classified from one genus to another, at one point all being under the genus *Scilla*.

All three have similar growth requirements with most being native to southern Africa and Madagascar. Most are in areas of summer rainfall, which means they are at their best here in early spring and summer. There are a few exceptions. They are happy with a well-draining cactus and succulent mix. All prefer bright light in cultivation, too much shade will make them leggy. They all tend to not have any major pest issues.

**Ledebourias** are the most commonly known members of the three because of *Ledebouria socialis* and its many cultivars. Referring to those cuties you see in those 2" and 4" pots on the show sales tables with the long pointed green or silver green leaves with dark green spots. Some cultivars come with no spots, faint spots, or even variegated. Once you find a place that they are happy, they will quickly fill their pot. With most of them the flowers are identical in appearance, inflorescence with small whitish flowers with purple stamens. This genus does have some odder members. One of those is *Ledebouria crispa* with crinkly long leaves and miniature growth, to grow this one make sure that the bulbs are above ground, and no water in cold temperatures or it will rot.



## PLANT OF THE MONTH FEATURE

*Ledebouria undulata* at the 2016 Summer Show

Michelle Heckathorn

**Drimias** are more known for some of the garden relatives, such as the Giant Sea Squill. Unlike the *Ledebouria*, they have some members living in Asia and the Mediterranean. The most recent lumped many small genera under this genus. Most put out flowers in a raceme, and go deciduous. Even this genus has oddballs. First one is *Drimia anomala*. It is definitely anomalous, with clusters of small bulbs with one round tubular leaf that stays evergreen. Another one is *Drimia haworthioides*, named for the bulb's resemblance to *Haworthias*, and is grown exposed to show it off. Leaves are small, strap like and deciduous. Another oddball is *Drimia intricata*, formerly in *Schizobasis*, with onion like bulbs and threadlike leaves with tiny single flowers.

*Schizobasis intricata* at the 2009 Summer Show

Michelle Heckathorn

Last but not least are the **Drimiopsis**. These little guys are geophytes found in South Africa. They are winter deciduous, with basal leaves of oval shape of green color, some with dark green spots. Their flowers are different than the others, resembling more in appearance the look of grape hyacinths. Easy to grow, but not seen much except for *Drimiopsis maculata*.

*Drimiopsis maritima* at the 2011 Winter Show

Michelle Heckathorn

For those who love variegated, two genera do have them, *Ledebouria* and *Drimiopsis*. *Ledebouria* has the slow-growing *Ledebouria socialis* 'Juda'. *Drimiopsis* has three: *Drimiopsis saundersiae* 'Sunny Smile', *Drimiopsis maculata*, in yellow or white, and *Drimiopsis kirkii*.

*Ledebouria socialis variegata* at the 2010 Summer Show

Michelle Heckathorn

Do not overlook these little gems the next time you go shopping, and bring them back into your homes and don't let them be forgotten.

MICHELLE HECKATHORN





# JULY 2022 BRAG TABLE WINNERS GALLERY

SDCSS members came through and shared their best plants at the July Meeting's Brag Table, judged by the one and only **Kelly Griffin!**

Don't be shy! Bring in your best plants to our August 6th brag table for a chance to win club bucks and bragging rights!



## JULY BRAG TABLE RESULTS: INTERMEDIATE CACTUS

1<sup>st</sup>  
P  
L  
A  
C  
E



1st: *Gymnocalycium horstii*  
**Norb Roden**

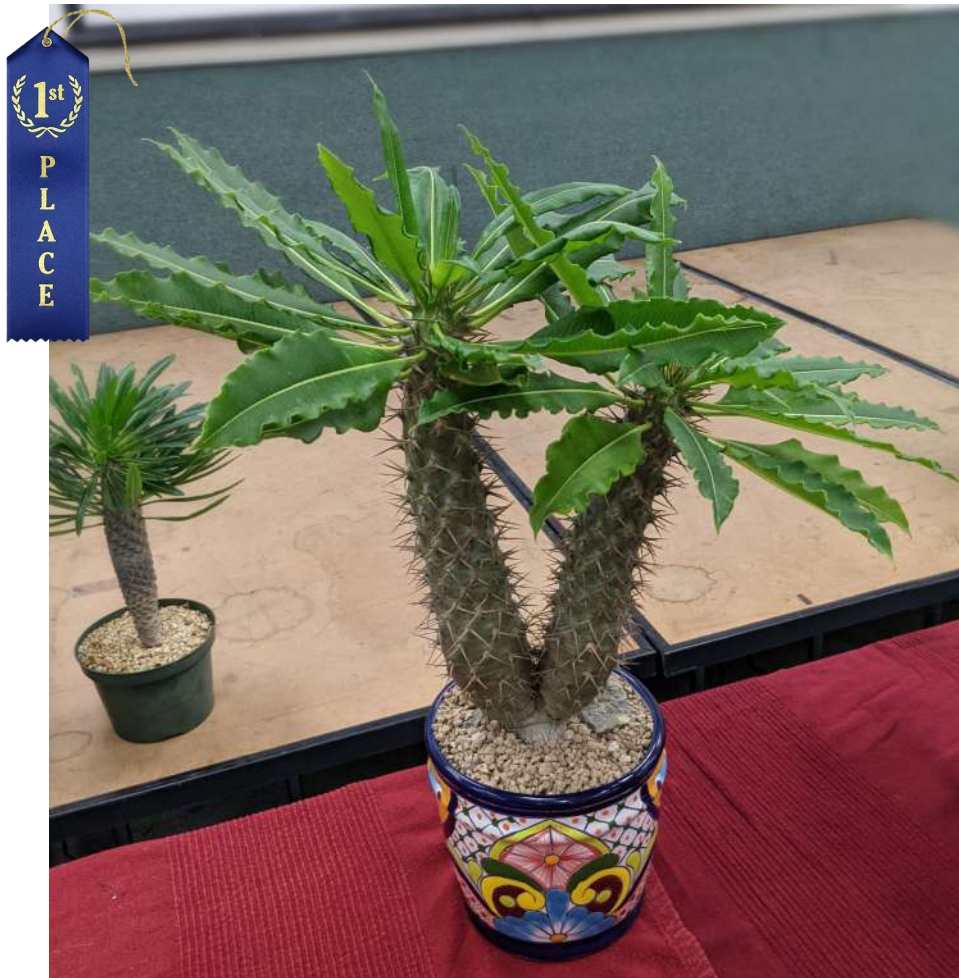
(below)  
2nd : *Mammillaria bombycine*  
**Jose Ramos**

2<sup>nd</sup>  
P  
L  
A  
C  
E





## JULY BRAG TABLE RESULTS: NOVICE SUCCULENT



1st: *Pachypodium lamerei* var. *fihirense*

Jared Petker



(bottom left)

2nd: *Astroloba congesta*

Jared Petker

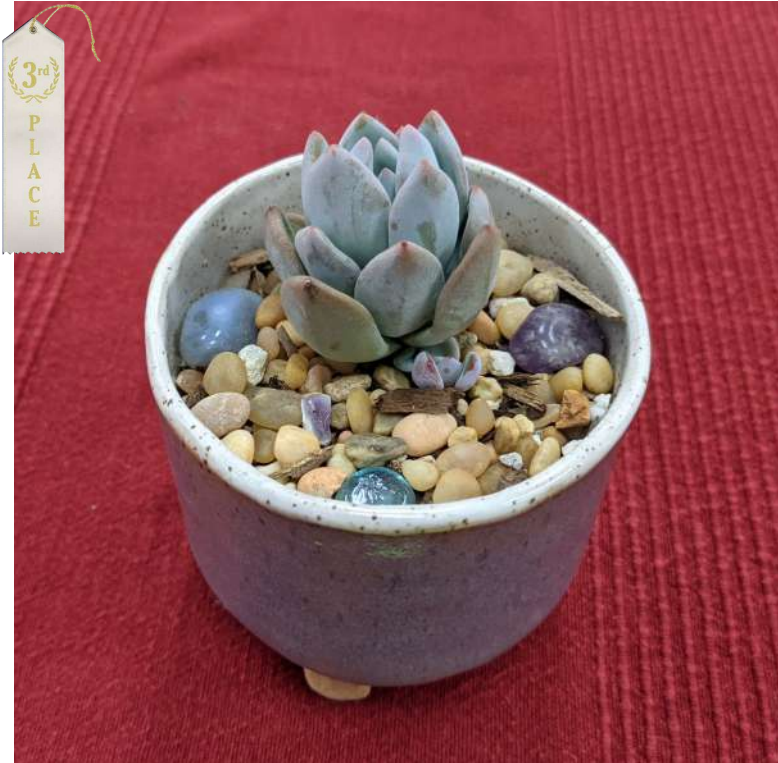
(bottom right)

2nd: *Pachypodium lamerei*

Jared Petker

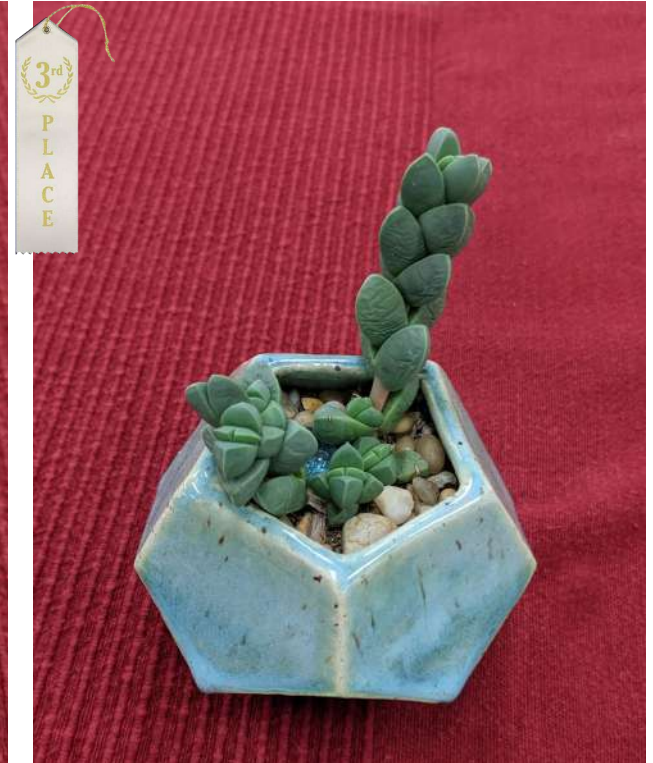


## JULY BRAG TABLE RESULTS: NOVICE SUCCULENT



3rd: *Pachyveria* 'Powder Puff'

Naomi Orosz



3rd: *Corpuscularia lehmannii*

Naomi Orosz



*Pachypodium lamerei fma. inermis*

Jared Petker



*Euphorbia gorgonis*

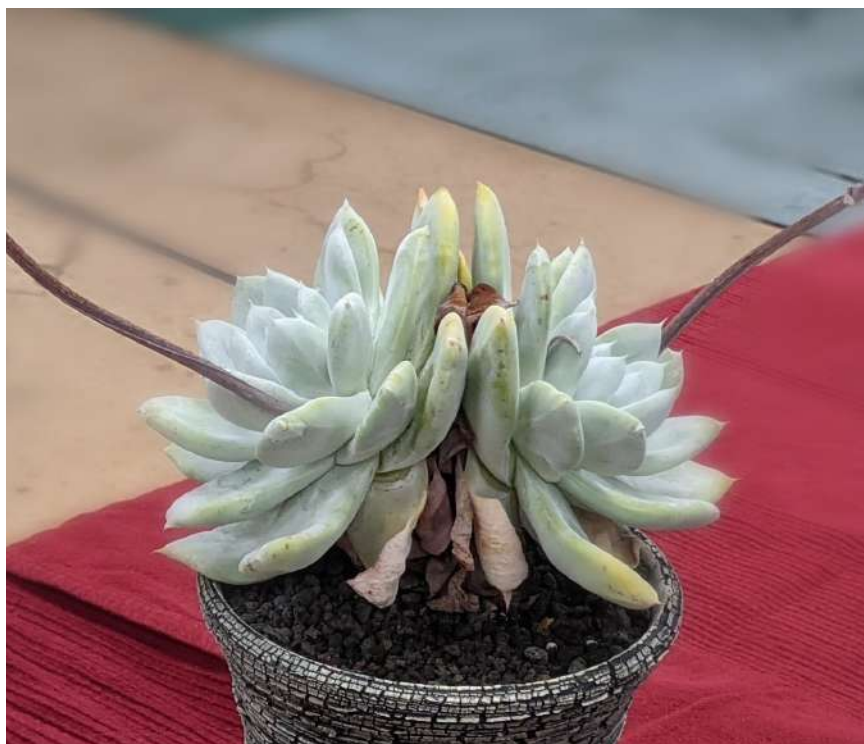
Jared Petker



## JULY BRAG TABLE RESULTS: INTERMEDIATE SUCCULENT



1st : *Dudleya pachyphytum* hybrid  
**Jose Ramos**





## JULY BRAG TABLE RESULTS: INTERMEDIATE SUCCULENT



2nd: *Agave titanota*  
Jose Ramos



3rd: *Dudleya anthonyi*  
Jose Ramos

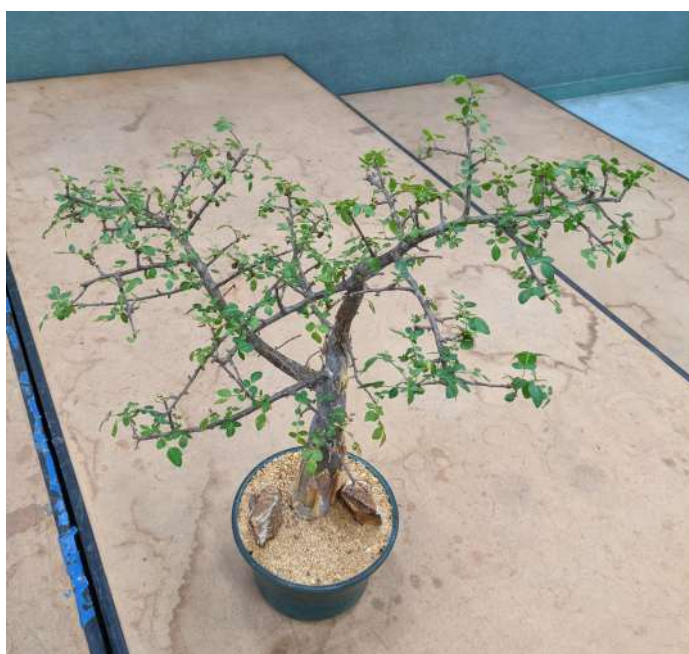


## JULY BRAG TABLE RESULTS: INTERMEDIATE SUCCULENT



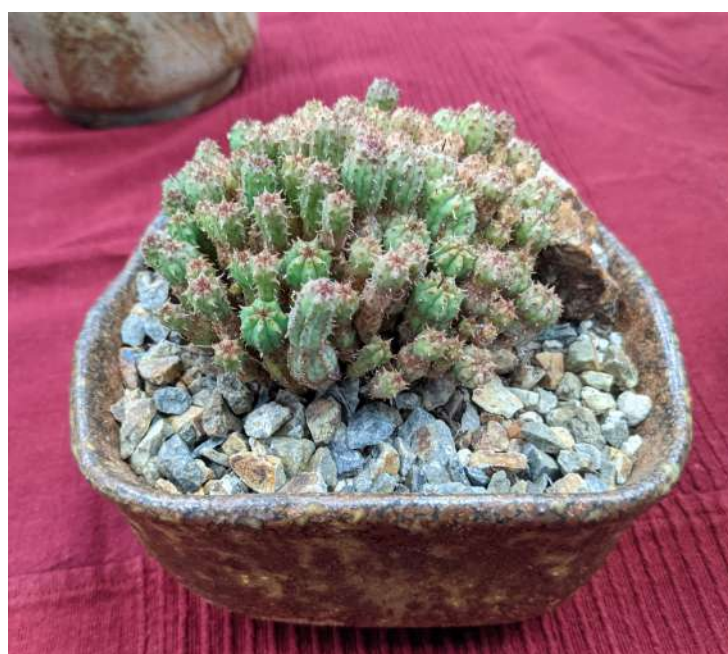
*Fouquieria columnaris*

Jose Ramos



*Boswellia* (? apologies, unrecorded)

Jose Ramos



*Euphorbia submammillaris monstrose*

unrecorded (sorry!)



## JULY BRAG TABLE RESULTS: ADVANCED SUCCULENT



1st: *Euphorbia gottlebei*  
Pam Badger



2nd: *Uncarina roeoesliana*  
Pam Badger