# ESPINAS Y FLORES



Vol. 59, No. 05 MAY 2024

Newsletter of the San Diego Cactus & Succulent Society AN AFFILIATE OF THE CACTUS AND SUCCULENT SOCIETY OF AMERICA



JUNE SHOW & SALE // MAY SPEAKERS & PRE-MEETING TOPIC // MEMBER SECTION // APRIL BRAG TABLE RESULTS // ...and more



ON THE COVER Pfeiffera miyagawae in bloom Photo by Patricia Neal

#### **EXECUTIVE BOARD**

#### President Vice President Secretary Treasurer

#### Pam Badger Chris Miller Olga Batalov Ken Brown

#### DIRECTORS

Pat Bryan, Luis Gonzalez, Jen Greene, Kelly Griffin, Dean Karras, Georgia Kenney, and Jared Petker

#### COMMITTEES & SUBCOMMITTEES

Conservation	Herb Stern
Brag table	Denise Huntsman-Griffin & Susan Hopkins
Plant of the Month	Pam Badger
Summer/Winter Show	[open]
Historian	Jerry Garner
Grants	Jerry Garner
Library Committee	Luis Gonzalez
Exchange Plants/Seeds	Michelle Heckathorn
Annual Sales	Chris Miller
Auction & Holiday Plants	Kelly Griffin
Show Auction Manager	[open]
Monthly Plant Sales	Chris Miller
Benefit Drawing Table	Chuck Ramey
Programs	Kelly Griffin
Reception	Susan Hopkins & Candy Garner

## TABLE OF CONTENTS

President's message pg 3

2024 Summer Show & Sale pgs 4 - 7

Pre-show Plant Prep Guide pgs 8 - 9

Upcoming events pgs 10 - 11 // Member section pg 12

April Brag Table Results pgs 13 - 30

## **UPCOMING SDCSS SCHEDULE**

OUR UPCOMING MEETING May 11th

2024 SDCSS JUNE SHOW AND SALE June 1st -2nd

<b>New Member Orientation</b>	Patricia Bryan & Jay Crowley
Monthly Regalement	Sandy Wetzel-Smith
Picnic Regalement	[open]
Coffee in the Garden Coordinator	
	Pam Badger

#### **LIAISONS**

Balboa Park Desert Garden	Susan Hopkins
CSSA Affiliate Rep	<b>Rick Bjorklund</b>
SD Botanic Foundation	Lynn Elliot
SD Zoo Safari Park, Baja & Old Wo	<b>rld Gardens</b> May Fong Ho
Palomar CS Society Liaison	Brita Miller

#### MEMBERSHIP, BUSINESS, & PUBLICITY

Membership Business Manager Newsletter Editor Webmaster Publicity Olga Batalov Donna Roden Der-shing Helmer Jared Petker

Christie Lathrop

#### CONTACT SDCSS

#### **CONTACT EyF EDITOR**

eyf.editor@gmail.com

membership@sdcss.net

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 forma 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 in whole or part by any other organization without the express to generate the editor is prohibited.

## **PRESIDENT'S MESSAGE**

G reetings and Happy Spring! It has been an unusually cool April tomorrow I'm heading out to Anza Borrego for a few days to get warm! My garden has been exciting to watch— Aeoniums blooming, Dudleys's putting on a show, and some awesome cactus flowers. A great time to be a gardener.

It was fun to see so many of you at the April meeting—and what a wonderful meeting it was! The Brag Table was the most extensive I have seen in a while, packed with so many beautiful plants in all three of our table sections: Novice, Intermediate, and Advanced. I like to think everyone was getting ready for our Big Show in June... thanks to all who participated! Olga Batlov gave an enlightening talk on Pediocactus-what amazing little plants-another difficultto-find, cold tolerant genus. Our main speaker, Michiel Pillet, gave а fascinating talk about the science the behind effort to protect endangered species. especially succulent plants from all over the world. Thanks to all who made this a great meeting. As I sat there during the presentation, I looked around the room at all we have going on each month and felt much gratitude for all the people who pitch in to make this possible.

The May meeting will be a bit different as we are sharing space and activities with the Epiphyllum Society. They will be having their annual sale on the patio just outside Room 101 and they are providing a main speaker—don't miss this chance to get some of these wonderful flowering cactus and learn more about them. We will also be having our regular sale, Benefit Drawing, Brag table, library, and exchange table. We will also be reviewing all the ins and outs of the upcoming June Show and Sale, including answering all questions about volunteering and showing plants. Flyers will be available for you to take and share with your friends as well as the entry cards you need to fill out to enter plants. Make your plans to be there on May 11 for this important and fun meeting! As we will be having members of the Epi Society also attending, please think about bringing some treats to share at the break.



Pam Badger April 27, 2024



Aeonium "Kiwi" Pam Badger

THE SAN DIEGO CACTUS & SUCCULENT SOCIETY PRESENTS: THE 2024 SUMMER SHOW AND SALE Sat June 1 & Sun June 2, 2024

at the Casa del Prado in Balboa Park

See incredible out-of-this-world succulent and cacti from around the globe, and shop for unique plants from dozens of plant vendors and local artisans. Free admission, with early-bird access on Saturday for members!

## **TIMES & DATES**

SATURDAY	9am—11am	members only sale (membership card required)
	11am—5pm	sale open to the public
	10am—3pm	show times
SUNDAY	10am—4pm	sale open to public
	10am—4pm	show times

The show is open to anyone who grows succulent plants, and there is no limit to the number of entries per class or the number of classes entered.

Detailed show information and membership info available at upcoming meetings, in our newsletters, and on our website www.SDCSS.net

#### **UPCOMING 2024 SUMMER SHOW AND SALE**

JUDGING SCALE - SPECIMENS, COLLECTIONS AND DISPLAYS

Condition: 70%

Staging: 15%

Size & Maturity: 10%

Nomenclature: 5%

**EDUCATIONAL DISPLAY** 

Two or more entries must be exhibited for CSSA award. Educational Value: 80% Staging & Originality: 20%.

#### **AWARDS POINT SYSTEM**

Divisions I, II and IV:  $1^{st} = 3 \text{ pts}, 2^{nd} = 2 \text{ pts}, 3^{rd} = 1 \text{ pts}$ Division III:  $1^{st} = 7 \text{ pts}, 2^{nd} = 5 \text{ pts}, 3^{rd} = 3 \text{ pts}$ Division V:  $1^{st} = 12 \text{ pts}, 2^{nd} = 10 \text{ pts}, 3^{rd} = 8 \text{ pts}$ Division VI: no points but entries are eligible for plaques, trophies and rosettesPlaques and Trophies: 10 ptsRosettes: 5 pts

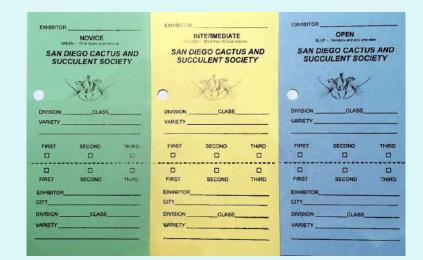
**ENTRY NOTES:** PLEASE USE THE MOST CURRENT CLASSIFICATION SCHEDULE. Classes 1-116 (except for 44,105 and 108-111) are divided into two pot sizes: **A and B** (**A**: Width plus Length = 10 inches and under; **B**: W+L over 10). Note that **one** plant per container is allowed in these classes.

The categories for competing entries are:

**GREEN** cards for exhibitors that have won 10 or less blue ribbons in a recognized cactus and succulent show.

**YELLOW** cards are for participants that have won more than 10 blue ribbons

**BLUE** cards are for vendors and those that wish to compete against them. Awards will be selected from any category





For those of you who have not shown plants before, or would like tips on the best way to prep your plants for the show, there will be a **Pre-Meeting Workshop by Jerry Garner** at the May meeting: you won't want to miss out on Jerry's presentation **at 11:30 in the kitchen**.

We'll also have our **CSSA Convention planning meeting at 12:00.** As those of you who have previously participated as volunteers already know, this is a fun and exciting event to be a part of. As usual, we'll be gathering at noon at the May meeting with a variety of ways to participate, so be sure to attend!

#### 2024 SDCSS SUMMER SHOW INFORMATION & RULES

The SDCSS Summer Show is open to anyone who grows succulent plants. There is no limit to the number of entries per class or the number of classes entered, though no entry can be entered in more than one class. All property shall be marked with the owner's name, not visible to the judges. The exhibitor must have grown the plant for at least six months.

All entries must have properly filled entry cards and must be entered in the appropriate Division and Class (see pgs 7 & 8) to be eligible for awards. Exhibitors are responsible for placing these items with their entries. For the Best Plant Grown From Seed award, the exhibitors must have raised the plant themselves. Plants may be species or hybrids. Hybrids may be exhibited in the class of either parent. Grafted plants will be accepted in any class, though awards for grafts will be selected from Division IV.

Entries must be clean, healthy, pest-free, and dry. Remove any plant nametags from pots (except for collections and displays). Awards must remain with exhibits until the close of the show. Classes with few entries may be combined. The show committee reserves the right to reject plants or exhibits and to readjust entries for the good of the show. Show hours must be followed. The San Diego Cactus and Succulent Society will exercise due caution in safeguarding exhibits. However, SDCSS cannot assume responsibility for loss of property. Entries are judged against perfection. The judges' decisions are final. In the case of disputes and/or ties, the Show Chair (or if the Chair's plants are involved, the Head Clerk) shall make the final decision.

Trophies and plaques are perpetual, except the educational and novice awards. Winners will receive a hand-crafted pot and a certificate suitable for framing. 1st, 2nd and 3rd place ribbons will be awarded in each class; however, should the judges feel that a 1st, 2nd, or 3rd place is not merited, no awards will be given. To receive the CSSA Award, two or more educational displays must be entered. Judges, Club President, and Show Chairman will each award two rosettes to their favorite plants.

#### CACTUS

**Best Cactus Best Novice Cactus Best Intermediate Cactus Best Epiphytic Cactus Plant** Best Mammillaria Best Opuntieae

#### SUCCULENTS

**Best Succulent Best Novice Succulent Best Intermediate Succulent** Best Agave Best Aloe Best Bursera Best Echeveria Best Euphorbia Best Mesemb Best Pelargonium or Sarcocaulon

Best Sansevieria

Phillip Corliss Plaque SDCSS Plaque Jürgen Menzel Trophy William & Ruth Nelson Trophy Elibet Marshall Trophy James & Shirley Berry Trophy

**Ruby Falk Plaque** SDCSS Plaque Rudy Lime Trophy Doris Rake Plaque Barbara Jeppe Trophy Jeff Harris Trophy Oliver & Sophie Loyland Trophy Russell & Lydia Evans Cup Samuel & Adela Markey Trophy Wilna Johnson Trophy Richard G. Latimer, Sr. Trophy

#### CACTUS OR SUCCULENTS

#### **Best Baja Plant**

**Best Graft** 

#### **Best Mexican Plant in Show Best Plant Grown From Seed Rarest Plant in the Show Best San Diego County Succulent Best Miniature**

**Best Pachycaul or Caudiciform** 

**Best Succulent Bonsai People's Choice Award**  Richard G. Latimer, Jr. Memorial Trophy Bob & Suzanne Taylor Trophy Dudley B. Gold Trophy **Tegelberg Family Plaque** Terry & Collette Parr Trophy Julianne Rice Trophy Monte & Mary Woodworth Plaque H. Warren & Virginia **Buckner Trophy** Rudy & Teresita Lime Trophy Rose D'Attilio Memorial Plaque

#### DISPLAYS, EXHIBITS AND HIGH POINTS

**Best Educational Display** Best Exhibit Most Artistic Display High Points 25 or fewer entries High Points 50 or fewer entries Sweepstakes Trophy

CSSA Award **Reuben Vaughan Plaque** Walter & Hazel Scott Plaque SDCSS Plaque James & Shirley Berry Trophy Ronald & Marcia Monroe Trophy

## 2024 SDCSS SUMMER SHOW DIVISIONS AND CLASSES

1	DIVISION I: CACTI (CACTACEAE)
-	Acanthocalycium, Echinopsis, Lobivia, Soehrensia
2	Acharagma, Coryphantha, Escobaria, Neolloydia
3	Ancistrocactus, Pediocactus, Sclerocactus
4	Ariocarpus
5	Astrophytum
6	Aztekium, Epithelantha, Obregonia, Ortegocactus, Pelecyphora, Strombocactus
7	Blossfeldia, Cintia Coleocephalocereus (Buiningia), Discocactus, Frailea,
7	Uebelmannia
	Columnar Cacti: Arrojadoa, Bergerocactus, Browningia, Carnegiea, Cephalocereus
8	Cereus, Cipocereus, Cleistocactus, Espostoa, Micrantocereus, Myrtillocactus,
	Pilocereus, Pilosocereus, Trichocereus
9	Copiapoa
10	Denmoza, Matucana (Submatucana), Oroya
10	
11	Echinocactus, Ferocactus, Hamatocactus, Leuchtenbergia, xFerobergia
	PER NACIONAL CONTRACTOR CONTRACTOR
12	Echinocereus - pectinate spines
13	Echinocereus - straight spines
14	Eriosyce (Horridocactus, Neochillenia, Neoporteria, Pyrrhocactus)
15	Gymnocalycium - clustering
	Gymnocalycium - solitary
16	Cynniodalyclum - Sontar y
17	Mammillaria with hooked spines, solitary
18	Mammillaria with straight spines, solitary
19	Mammillaria with hooked spnes, clustering
20	Mammillaria with straight spines, clustering
21	Melocactus
-1	
22	Opuntioids: Austrocylindropuntia, Consolea, Cylindropuntia, Grusonia,
-	Miquelopuntia, Opuntia, Pereskia, Pterocactus, Tephrocactus, Tunilla, etc.
23	Parodia, Notocactus
24	Pediocactus, Sclerocactus (Ancistrocactus)
25	Rebutia, Sulcorebutia, Weingartia
26	Stenocactus, Echinofossulocactus
_	Thelocactus
27	
28	Turbinicarpus (Gymnocactus)
	Other Cactus Classes
29	Crested Cacti
	Epiphytic Cacti: Disocactus, Epiphyllum, Hatiora, Hylocereus, Lepismium, Rhipsalis
30	Schlumbergia (Zygocactus), Selenicereus, etc.
	Miniature Cacti, less than 3 inches
31	Miniature cacu, icis than o menes
32	Monstrose Cacti
33	Variegated Cacti -(with 50% or more variegation
34	Other Genera - Any Other Cactus
1.22	
35	Cactus, Seed-Grown by Exhibitor
	DIVISION II: SUCCULENTS
	DIVISION II: SUCCULENTS AGAVEACEAE:
36	AGAVEACEAE:
_	AGAVEACEAE:
_	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca
37	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE):
37	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca
37 38	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE):
37 38 39	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops
37 38 39	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria,
37 38 39 40	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc.
37 38 39 40	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema,
37 38 39 40	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc.
37 38 39 40 41	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE:
37 38 39 40 41 42	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia
37 38 39 40 41 42	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE:
37 388 39 40 41 42 43	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia
37 388 399 40 41 42 43 44	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenium Pachypodium - Africa
37 38 39 40 41 42 43 44 45	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenia Adenium Pachypodium - Africa Pachypodium - Madagascar
37 38 39 40 41 42 43 44 45	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenia Adenia Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae
37 388 39 40 41 42 43 44 45 46	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenia Adenium Pachypodium - Africa Pachypodium - Madagascar
37 38 39 40 41 41 42 43 44 45 46	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenia Adenia Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae
37 38 39 40 41 41 42 43 44 45 46 47	AGAVEACEAE: Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. Adenia Adenia Adenia Adenia Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with succulent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc.
37 38 39 40 41 41 42 43 44 45 46 47	Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. Adenia Adenia Adenia Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with succulent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with caudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc.
37 38 39 40 41 41 42 43 44 45 46 47	Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenium Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with succulent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with caudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma
37 38 39 40 41 41 42 43 44 45 46 47	Agave Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. Adenia Adenium Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with succulent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with caudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma
36 37 38 39 40 41 42 43 44 45 44 45 44 45 44 47 48	Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenium Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with succulent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with caudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma
37 38 39 40 41 41 42 43 44 45 46 47 48 49	Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenium Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with succulent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with cudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma ASPHODELACEAE: Aloe - African species
37 38 39 40 41 42 43 44 45 46 47 48 49 50	Agave Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenium Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with suculent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with caudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma ASPHODELACEAE: Aloe - African species Aloe - Madascan species
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	Agave Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenium Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with succulent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with caudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma ASPHODELACEAE: Aloe - Africa species Aloe - Madascan species Aloe - all other species
37 38 39 40 41 42 43 44 45 46 47 48 49 50	Agave Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenium Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with suculent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with caudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma ASPHODELACEAE: Aloe - African species Aloe - Madascan species
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	Agave Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenium Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with succulent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with caudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma ASPHODELACEAE: Aloe - Africa species Aloe - Madascan species Aloe - all other species
37 38 39 40 41 41 42 43 44 45 46 47 48 49 50 51 52 53	Agave Peaucarnea, Calibanus, Nolina, Yucca Paucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. APOCYNACEAE: Adenia Adenium Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with succulent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with caudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma ASPHODELACEAE: Aloe - African species Aloe - Alotter species Aloe - hybrids Gasteria, Gasteraloe, Gasterworthia
37 38 39 40 41 41 42 43 44 45 46 47 48 49 50 51 52 53 54	Agave Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Conophytum Cother Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. Adenia Adenium Pachypodium - Mrica Pachypodium - Madagascar Asclepiadaceae Stapeliads with succulent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with caudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma ASPHODELACEAE: Aloe - African species Aloe - Africa, Gasterworthia Haworthia, Haworthiopsis, Tulista, Astroloba - species
37 38 39 40 41 41 42 43 44 45 46 47 48 49 50 51 52 53	Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Conophytum Cother Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. Adenia Adenium Pachypodium - Africa Pachypodium - Africa Pachypodium - Madagascar Asclepiadaceae Stapeliads with cauclent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with cauclexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma ASPHODELACEAE: Aloe - African species Aloe - Africa nspecies Aloe - In other species Aloe - In other species Haworthia, Haworthiopsis, Tulista, Astroloba - species Haworthia hybrids
37 38 39 10 11 12 13 14 15 16 17 18 19 10 17 18 19 10 11 15 16 17 16 17 16 17 16 17 16 17 16 17 16 16 17 16 17 16 16 16 17 16 16 16 16 16 16 16 16 16 16	Agave Beaucarnea, Calibanus, Nolina, Yucca AIZOACEAE (MESEMBRYANTHEMACEAE): Conophytum Lithops Conophytum Lithops Other Mesembs without prominent roots or trunks: Dinteranthus, Faucaria, Fenestraria, Lapidaria, Pleiospilos, Titanopsis, etc. Other Mesembs with prominent roots or trunks: Aloinopsis, Mestoklema, Monilaria, Trichodiadema, etc. Adenia Adenium Pachypodium - Mrica Pachypodium - Madagascar Asclepiadaceae Stapeliads with succulent stems: Caralluma, Hoodia, Huernia, Orbea, Pseudolithos, Stapelia, etc. Stapeliads with caudexes: Fockea, Gonolobus, Petopentia, Raphionacme, etc. Vining/hanging stapeliads: Ceropegia, Cynanchum Dischidia, Hoya, Sarcostemma ASPHODELACEAE: Aloe - African species Aloe - Afridan species Aloe - Madascan species Aloe - Madascan species Aloe - Mybrids Gasteria, Gasteraloe, Gasterworthia Haworthia, Haworthiopsis, Tulista, Astroloba - species

	CRASSULACEAE
58	Adromischus
59	Aeonium, Greenovia
60	Cotyledon, Tylecodon
61	Crassula
62	Dudleya
63	Echeveria
64	Graptopetalum (Tacitus), Pachyphytum, hybrids (xPachyveria, xGraptoveria)
65	Kalanchoe
66	Sedum, Sedum hybrids (xSedeveria)
67	Sempervivum (Jovibarba)
68	CUCURBITACEAE: Cephalopentandra, Corallocarpus, Gerrardanthus, Ibervillea, Kedrosti Momordica, Xerosicyos, Zygosicyos, etc.
69	DIDIERACEAE: Alluadiopsis, Alluaudia, Calyptrotheca, Decarya, Didieria
70	DRACAENACEAE: Sansevieria
70	
	EUPHORBIACEAE:
	Euphorbia species endemic to Madagascar:
71	Euphorbia Madascan caudiciform or thickened roots type: capsaintemariensis, decaryi, francoisii, hedyotioides, etc.
72	Euphorbia Madagascan millii type: beharensis, delphinensis, duranii, etc.
73	Euphorbia Madagascan stem type: ankarensis, leuconeura, stenoclada, etc.
74	Euphorbia Madagascan shrub type: bongolavensis, geroldii, millotii, etc.
	Euphorbia species not endemic to Madagascar:
75	Euphorbia caudiciform type: groenewaldii, knuthii, stellata, etc.
76	Euphorbia globular type: obesa, meloformis, suzannae, gymnocalycioides, etc
77	Euphorbia clumping type: polygona, ferox, tubiglans, etc
78	Euphorbia medusoid type: caput-medusae, flanganii, supressa, etc.
79	Euphorbia, shrub type: gareipina, aeruginosa, baioensis, multifolia, etc
	Euphorbia, stem type: adelphia, actignosa, baleensis, matteriora, etc
80	
81	Other Euphorbiaceae genera: Endadenium, Jatropha, Pedilanthus, Synadenium
82	Monadenium
83	GERANIACEAE: Monsonia, Sarcocaulon, Perlargonium, etc.
84	GESNERIACEAE: Sinningia
85	MORACEAE: Dorstenia, Ficus
86	PORTULACACEAE (MONTIACEAE, DIDIEREACEAE, ANACAMPSEROTACEAE, TALINACEAE): Anacampseros, Alluadia, Avonia, Ceraria, Didieria, etc.
87	VITACEAE: Cissus
	OTHER SUCCULENT CLASSES
88	Succulent Bulbs: Albuca, Boophane, Boweia, Bulbine, Haemanthus, Ledebouria, Massonia, Veltheimia, etc.
89	Caudiciforms: Dioscorea, Ipomoea, Pyrenacantha, Sesamothamnus
	Cycads
90	
91	Orchids
92	Pachycauls- New World: such as Bursera, Ceiba (mostly), Ficus, Fouquieria,
0.075	Operculicarya, Pachycormus, Pseudobombax
93	Pachycauls - Old World: such as Adenium Adensonia, Brachychiton, Bombax, Boswelia,
73	Commiphora, Dendrosenecio, Dendrosicyos, Ficus, Moringa, Pachypodium
94	Succulent, Seed-Grown by Exhibitor
95	Miniature Succulent - pot diameter less than 3 inches
96	Crested & Monstrose Succulents
97	Variegated Succulents (with 50% or More Variegation)
	Other Genera - any other succulent genus (e.g. Uncarina)
98	
	DIVISION III: Collections & Arrangements
99	Cactus Collections: a set of 3+ different cacti specimens related by a common theme,
	genus, form, color, or other characteristic
100	Succulent Collections: a set of 3+ different succulent specimens related by a common
100	theme, genus, form, color, or other characteristic
101	Dish Gardens: any combination of two or more in a single pot *
	DIVISION IV: SPECIALITIES COMBINING CACTI & SUCCULENTS
102	San Diego County native cactus or other succulent
	Baja, Mexico cactus or other succulent
	Grafted cactus or other succulent
103	
104	
	Succulent Bonsai
104 105	Succulent Bonsai DIVISION V: DISPLAYS
104	Succulent Bonsai DIVISION V: DISPLAYS Educational displays and exhibits
104 105 106	Succulent Bonsai DIVISION V: DISPLAYS Educational displays and exhibits DIVISION VI: ART
104 105	Succulent Bonsai DIVISION V: DISPLAYS Educational displays and exhibits

#### **PRE-SHOW PLANT PREPARATION GUIDE**



One of Peter Walkowiak's beautifully staged winning plants from the 2019 Winter Show

Whitney Meyer

Let me start off saying that the details of this article would normally be covered in more depth, with visual aids, in a pre-meeting workshop at a regular meeting. As these are not normal times, we are left to do the best we can with what we have.

First, it can't be emphasized enough that this is *your show*. We want you to enter plants and we need you to volunteer. Our shows are the largest social events of the year for the society. We encourage you make new friends, learn new things, talk about your plants, win ribbons, have fun and maybe find a new plant or two.

Let's begin with **prepping** your plants. Start by watering your plants the weekend before the show. This will let your plants be hydrated but dry for the show tables. If you need to use any insecticide, also do this the week before the show. If you have any calcium (salt) build-up on your pots, clean it off with an old tooth brush and vinegar. With a damp cloth wipe any dirt and debris from the pots. Salt and dust/dirt on the plants can removed with water and a soft brush or cloth.

Next, **look** at the plant. Remove any garden debris and/or weeds from the pot. Check for insects and spiders. They can be removed with small brushes, tweezers, fingers, or what ever else works. Succulents may have dead leaves, stems or old flowers, clip or prune to remove. Cactus frequently have old flower remains or garden bits in the spines. Remove with tweezers. The trick is to clean the spines without breaking them. Small Agaves and Aloes often have dried leaves at the base of the plant. These can be removed or left on depending on how distracting it is to the looks of the plant. The drying leaf tips of the same group of plants may also be left or removed.

Now that you have a clean pot and plant we need to think about **top dressing.** Top dressing is the visual equivalent of matting a print or painting. It sets the plant off from the growing medium.

#### **PRE-SHOW PLANT PREPARATION GUIDE**

Top dressing is commonly gravel, crushed rock, pea gravel, course sand, etc. While the choice of top dressing is up to your preference, keep in mind that it should enhance, not distract from the plant. Bright colors are often distracting. You can look for top dressing at garden centers, aquarium stores, pet stores, and building supply centers.



Nicely staged succulents

Whitney Meyer

Now that the plant is all groomed for showing we come to the hardest part of the process (at least according to the show clerks), **filling out the entry cards**. The cards come in four colors: green for novice, yellow for intermediate, blue for open, and white for non-judged. Refer to the show rules for your appropriate category. You will notice that the cards divided into two sections, fill in BOTH sections. Also PLEASE PRINT.

In the exhibitor space: print your name. In the division space there are four options: Division I, one cactus plant or clump. Division II, one succulent plant or clump. Division III, dish gardens, more than one plant or multiple types of plants. And Division IV, anything goes, plants plus nonplants.

In the newsletter, on the web site, and on printed pages at the show, you will find the various class numbers for your plants. These numbers correspond to the species family of the plants. The class number is followed by the size designation, i.e. 23A, 44B, etc. If he inside of the pot measures, height plus width, 10 inches or less it is the A category. If the height plus width is greater than 10 inches it is then in the B category.

In the variety section of the entry card enter the specific species, hybrid, or hybrid cross name of the plant. The class and variety information should match the information on your plants ID tag. After completing the entry cards, take the plant and corresponding card to the class numbered areas on the show tables. Remove the plant ID tag and place the plant on top of the entry card on the table. Repeat for your next plant. Thanks for your support of the show and good luck.

In wrapping this up, if you have any questions there will be fellow society members to help identify plants and answer questions online (see page 7) and in the show room Friday afternoon and Saturday morning,

#### **JERRY GARNER**



Judges at the 2019 Winter Show

Whitney Meyer

#### **UPCOMING GUEST SPEAKER**



MAY 11 SPEAKERS JERRY MOREAU & LINDA SINKOVIC "The Genus Pfeiffera"

#### **ABOUT OUR SPEAKERS**

Jerry Moreau is a long-time member of SDES. He has served in many capacities: president, director, 2nd vice president, librarian, SDES coordinator for the Epiphyllum collection at the Safari Park for 15 years, and as editor of SDES' newsletter Epi News. In addition, he has won many awards for his flowers, plants and displays at the annual Mother's Day Shows. In 2017 Jerry received the Founders Award from the Epiphyllum Society of America for his efforts in promoting Epiphyllums.

Linda Sinkovic is a member of SDES who now lives in Santa Cruz. When Linda lived here in San Diego she helped develop our collection of epiphytic plants at the Safari Park. In addition, she has a large collection of epiphytic plants which she moved with her to Santa Cruz. Most importantly Linda completely revised and updated the 'Species of Epiphytic Cacti' section for the Epiphyllum Society of America's Registry of Species and Hybrids. The 21-page update includes extensive lists, descriptions, and historical information. During her tenure in San Diego, she served as recording secretary, director, and librarian. From her home in Santa Cruz, she continues to write monthly columns for Epi News and currently serves as SDES' Research and Education Coordinator.

#### ABOUT OUR SPEAKER TOPIC

*Pfeiffera* is a small genus with six species from South America. For many years its members were part of *Rhipsalis*, then *Lepismium*. After molecular phylogenetic studies these members were found to be not part of Rhipsalideae at all but an independently evolved lineage of epiphytic cacti.

Jerry Moreau will be narrating the presentation at the meeting. Linda Sinkovic, our member who lives in Santa Cruz, prepared the presentation. Both have written extensively on Epiphyllum and epicactus for several publications including CSSA's newsletter, To the Point.



#### ABOUT OUR PRE-MEETING TALK

Join us just before the meeting for **Jerry Garner's** pre-meeting demo on staging plants for the show at 11:30... you won't want to miss it!

SEE YOU ON MAY 11, 2024!

### **UPCOMING EVENTS**

## MAY COFFEE IN THE GARDEN

Who: Wanda Mallen and Gary Vincent
 When: Saturday, May 18, 2024, from 10 – 3
 Where: 3856 Cedar Vale Way, Fallbrook. There's plenty of street parking

Wanda Mallen and Gary Vincent will be opening their garden for the club to visit again this year. The above-average rainfall of the past two years has led to amazing growth in the garden (and lots of weeds, of course!). As always, we are adding plants and redoing, trimming and enjoying getting to live here among nature's beauty. Wanda has become obsessed with hoyas and mangaves, so there are expanded and new vignettes of these plants.

By popular request, Carlos from Rios Succulents will be selling his wonderful selections, both for the novice and the experienced collector. Wanda will have some items from her collection as well.

We hope you will come and please also invite any friends, neighbors or relatives you'd like to.



#### **MEMBER SECTION**

#### MEETING SNACKS

We all enjoy gathering every month and spending time with each other before the meeting, during the meeting... and at the break! Unfortunately, there has been a decline of participation in the snack table this year.

Any members who can help out by bringing a small contribution of snacks (such as fruit, crackers, cookies, sweets, or other similar items), the club would be most appreciative. Thank you for helping us make our gatherings — and even our snack breaks — extra special!



Aeonium sedifolium

**Pam Badger** 



Flowers of Aeonium sp

**Pam Badger** 

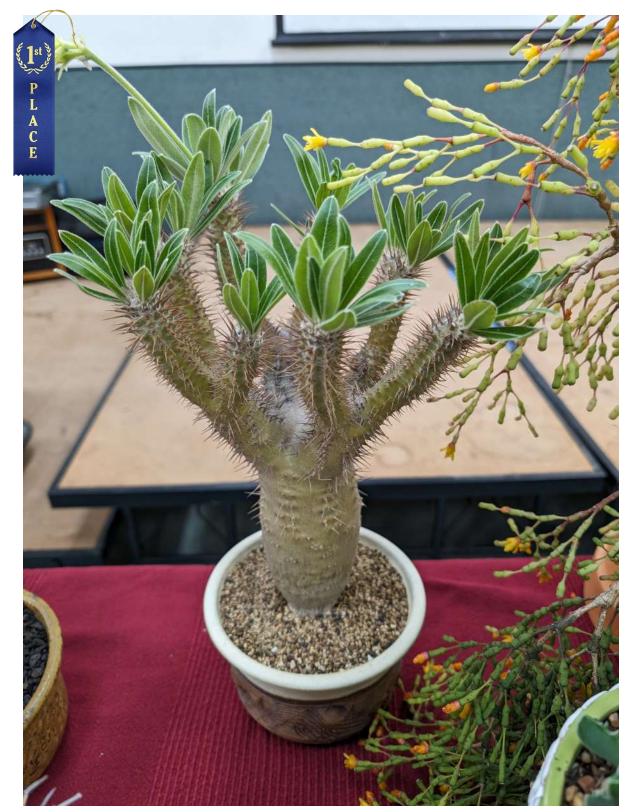
#### APRIL BRAG TABLE



SDCSS members shared a full table of plants at the April Meeting's Brag Table!

Thank you for bringing in your incredible plants, and thanks to judge **Kelly Griffin** for reviewing this exceptionally large showing from our great club.

## BRAG TABLE // NOVICE SUCCULENT



**1ST: PACHYPODIUM GRACILIUS** 

LUIS GONZALEZ

## BRAG TABLE // NOVICE SUCCULENT



2ND: EUPHORBIA MELOFORMIS SPP VALIDA LUIS GONZALEZ



2ND: DORSTENIA GIGAS

LUIS GONZALEZ



**3RD:** Haworthia truncata

**MIRIAM A. PARENT** 



3RD: LITHOPS SP.

LUIS GONZALEZ



1ST: FAUCARIA TIGRINA

MARIAM A. PARENT



1ST: DUDLEYA GNOMA



2ND: HAWORTHIA CUSPIDATA VARIEGATA

CHUCK RAMEY



**3RD:** BOOPHONE DISTICHA

JOSE RAMOS



**C**RASSULA MUSCOSA

CHUCK RAMEY

MONADENIUM MAGNIFICUM WENDY GOLDMAN





**EUPHORBIA ANGULARIS** 

JIM ANDERSON



**GLOTTIPHYLLUM PEERSII** 

CHUCK RAMEY

LITHOPS BROMFIELDII

PETER HAGOPIAN





JOSE RAMOS





**D**UDLEYA ATTENUATA

JOSE RAMOS



**D**UDLEYA EDULIS

JOSE RAMOS





DUDLEYA FARINOSA

JOSE RAMOS

DUDLEYA SP.

JOSE RAMOS



**D**UDLEYA ANTHONII

JOSE RAMOS

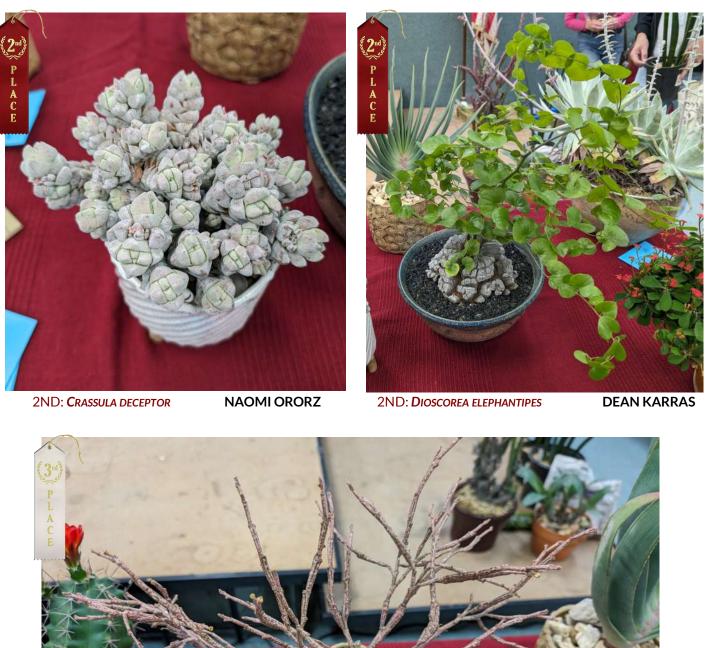
## BRAG TABLE // ADVANCED SUCCULENT



**1ST: DUDLEYA ANTHONII** 

PAM BADGER

## BRAG TABLE // ADVANCED SUCCULENT





3RD: EUPHORBIA PLATYCLADA

PAM BADGER

## BRAG TABLE // ADVANCED SUCCULENT



**EUHPORBIA MILLII CREST** 

PAM BADGER



**KUMARA PLICATILIS** 

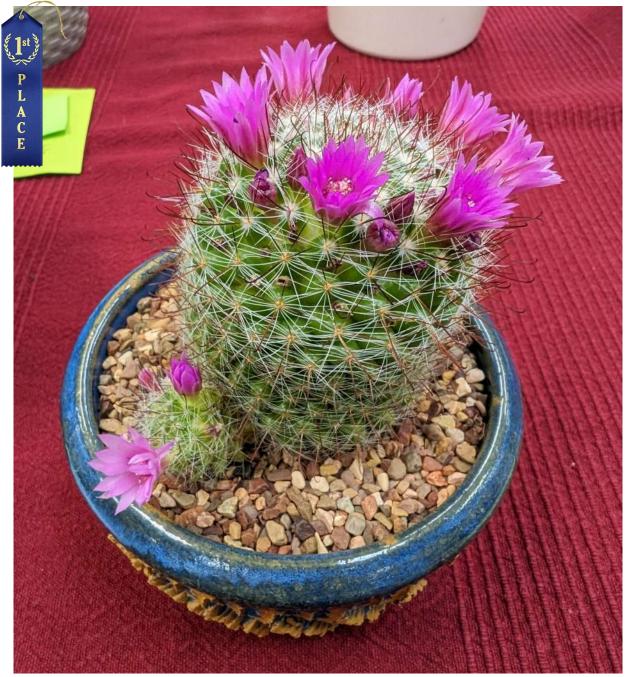
PAM BADGER



**A**GAVE PURPUSORUM

**DEAN KARRAS** 

## BRAG TABLE // NOVICE CACTUS



1ST: MAMMILLARIA ZEILMANNIANA

LUIS GONZALEZ

## BRAG TABLE // NOVICE CACTUS



2ND: NOTOCACTUS BUINGII

SERGIO LOPEZ



2ND: MAMMILLARIA ELONGATA

**MIRIAM A. PARENT** 



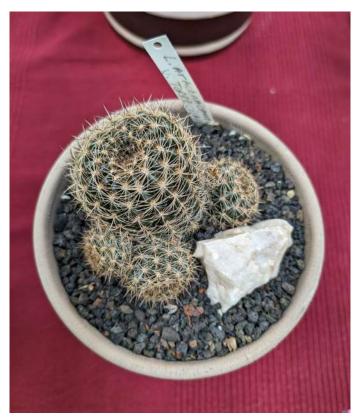
3RD: GYMNOCALYCIUM SAGLIONIS MIRIAM A. PARENT



3RD: MAMMILLARIA SP.

**DREW SEARING** 

## BRAG TABLE // NOVICE CACTUS



LOBIVIA ARACHNACANTHA V. TORRECILLACENSIS SERGIO LOPEZ



MAMMILLARIA HAHNIANALONGATA MIRIAM A. PARENT



UNKNOWN SP.

DREW SEARING



**U**NKNOWN SP.

**DREW SEARING** 

## BRAG TABLE // INTERMEDIATE CACTUS



1ST: PUNA CLAVARIOIDES

WENDY GOLDMAN



2ND: HATIORA SALICORNIOIDES

JIM ANDERSON



3RD: MAMMILLARIA SPINOSISSIMA 'UN PICO'

CHUCK RAMEY

## BRAG TABLE // INTERMEDIATE CACTUS



**C**OPIAPOA HYPOGAEA

**CHUCK RAMEY** 

FEROCACTUS RECTISPINUS

PETER HAGOPIAN



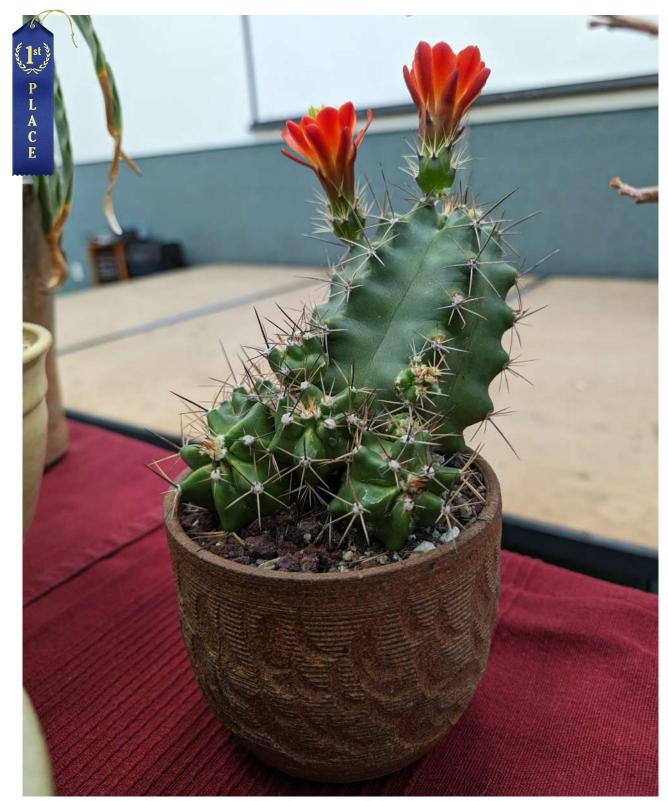
**ASTROPHYTUM ORNATUM** PETER HAGOPIAN



**LEPISMIUM CRUCIFORM** 

JIM ANDERSON

## BRAG TABLE // ADVANCED CACTUS



**1ST: ECHINOCEREUS TRIGLOCHIDIATUS** 

PAM BADGER