

VOLUME 58 • NUMBER 06 • JUNE 2023



ESPINAS Y FLORES

IT'S TIME FOR THE SUMMER SHOW AND SALE!
DIGITAL MICROSCOPE PHOTOGRAPHY • MAY BRAG TABLE & more!

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



ON THE COVER

Medusa's eye (*Euphorbia sp.*)
Photo by Jared Petker

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SDCSS SCHEDULE

Our next event:

SDCSS Summer Show & Sale: June 3rd & 4th

Next upcoming event:

July meeting: July 8th

EXECUTIVE BOARD

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Grants	Jerry Garner
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Auction & Holiday Plants	Kelly Griffin
Show Auction Manager	[open]
Monthly Plant Sales	Chris Miller
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Programs	Kelly Griffin
Reception	Susan Hopkins & Candy Garner

New Member Orientation	Patricia Bryan & Jay Crowley
Monthly Regalement	Sandy Wetzel-Smith
Picnic Regalement	[open]
Coffee in the Garden Coordinators	Julie Dixon & Chuck Ramey

LIAISONS

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

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PRESIDENT'S MESSAGE

Greetings! It's that time again—our **June Show and Sale event is happening this week!** Get those plants ready to show off all their beauty, charm, weirdness, and glory. Remember our old friend Elibet Marshall, who, every year would inspire us to “listen to the plants; they want to come show off.”

If you haven't already signed up to volunteer, please email Chris Miller at c.miller@cox.net to sign up. There are plenty of opportunities available! As usual, we will be providing food for all vendors and volunteers. There will be coffee, tea, and breakfast food in the morning, and lunch starting at 11:30. Lunch tickets will be included with your badge indicating your time to head for the kitchen. We will have an area outside to eat; just grab your chili, sandwich, and goodies, and enjoy a break. In February we had such a great group of volunteers; many new and long-time members showed up to help out and brought plants for the show. This made for our best Winter show ever, and we're looking forward to what we can do to make the Summer Show just as awesome! Thanks for being there and being a part of this wonderful experience.

The May meeting was a fun experiment as we joined forces with the Epiphyllum Society in a celebration of two beautiful and interesting groups of cacti. Thanks to **Jerry Moreau** and **Beth Jackson** for their beautiful and enlightening presentations. I hope many of you were able to add to your collection at their sale and see the show on Mother's Day. As the Epi Society's show and sale always happen the weekend of our meeting, this was a plan we came up with to benefit both clubs. Let us know what you think about us teaming up in the future!

I hope all of you who made it to the “Open Garden” at the Safari Park enjoyed the day as much as I did. We had perfect weather, and it was fun to see so many out enjoying the Gardens. Big thanks to **Don Jones**, the new leader of the Volunteer Committee at the gardens, for arranging the passes and transportation. Thanks also to **May Fong-Ho** and all the other volunteers who showed us around. I have been visiting these gardens for 30 years, and was very impressed by all the work that SDCSS has put in over the past years to create these world class gardens!

Pam Badger

May 25, 2023



Newish members Ralph and Becca at Safari Park Gardens



Sam and Lynn enjoying the Old World Garden

IT'S GOING TO BE BIG.

THE SAN DIEGO CACTUS & SUCCULENT SOCIETY PRESENTS
2023 SUMMER SHOW AND SALE

Sat June 3 & Sun June 4, 2023

at the Casa del Prado in Balboa Park

See incredible out-of-this-world succulent and cacti from around the world 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



2023 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	Phillip Corliss Plaque
Best Novice Cactus	SDCSS Plaque
Best Intermediate Cactus	Jürgen Menzel Trophy
Best Epiphytic Cactus Plant	William & Ruth Nelson Trophy
Best <i>Mammillaria</i>	Elibet Marshall Trophy
Best <i>Opuntieae</i>	James & Shirley Berry Trophy

SUCCULENTS

Best Succulent	Ruby Falk Plaque
Best Novice Succulent	SDCSS Plaque
Best Intermediate Succulent	Rudy Lime Trophy
Best <i>Agave</i>	Doris Rake Plaque
Best <i>Aloe</i>	Barbara Jeppe Trophy
Best <i>Bursera</i>	Jeff Harris Trophy
Best <i>Echeveria</i>	Oliver & Sophie Loyland Trophy
Best <i>Euphorbia</i>	Russell & Lydia Evans Cup
Best <i>Mesemb</i>	Samuel & Adela Markey Trophy
Best <i>Pelargonium</i> or <i>Sarcocaulon</i>	Wilna Johnson Trophy
Best <i>Sansevieria</i>	Richard G. Latimer, Sr. Trophy

CACTUS OR SUCCULENTS

Best Baja Plant	Richard G. Latimer, Jr. Memorial Trophy
Best Graft	Bob & Suzanne Taylor Trophy
Best Mexican Plant in Show	Dudley B. Gold Trophy
Best Plant Grown From Seed	Tegelberg Family Plaque
Rarest Plant in the Show	Terry & Collette Parr Trophy
Best San Diego County Succulent	Julianne Rice Trophy
Best Miniature	Monte & Mary Woodworth Plaque
Best Pachycaul or Caudiciform	H. Warren & Virginia Buckner Trophy
Best Succulent Bonsai	Rudy & Teresita Lime Trophy
People's Choice Award	Rose D'Attilio Memorial Plaque

DISPLAYS, EXHIBITS AND HIGH POINTS

Best Educational Display	CSSA Award
Best Exhibit	Reuben Vaughan Plaque
Most Artistic Display	Walter & Hazel Scott Plaque
High Points 25 or fewer entries	SDCSS Plaque
High Points 50 or fewer entries	James & Shirley Berry Trophy
Sweepstakes Trophy	Ronald & Marcia Monroe Trophy

2023 SDCSS SUMMER SHOW INFORMATION & RULES

TIMES

FRIDAY	noon—6pm	early show plant setup/ dropoff
SATURDAY	9am—11am 11am—5pm 10am—3pm	members only sale (membership card required) sale open to the public show times
SUNDAY	10am—4pm 10am—4pm	sale open to public show times

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: 1st = 3 pts, 2nd = 2 pts, 3rd = 1 pts **Division III:** 1st = 7 pts, 2nd = 5 pts, 3rd = 3 pts
Division V: 1st = 12 pts, 2nd = 10 pts, 3rd = 8 pts **Division VI:** no points but entries are eligible for plaques, trophies and rosettes **Plaques and Trophies:** 10 pts **Rosettes:** 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.

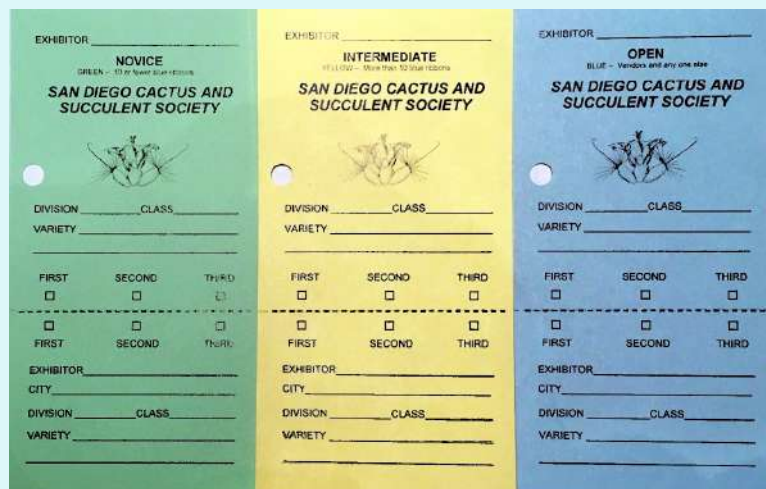


The categories for competing entries are:

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



2023 SDCSS SUMMER SHOW DIVISIONS & CLASSES

DIVISION I - CACTI		Euphorbias – New-World	
South American Cacti		60	<i>Agaloma</i> group
1	<i>Blossfeldia, Cintia, Frailea</i>	Other Euphorbiaceae	
2	<i>Copiapoa</i>	61	<i>Jatropha, Pedilanthus</i>
3	<i>Denmoza, Matucana, Oroya</i>	62	<i>Monadenium</i>
4	<i>Discocactus, Melocactus</i>	Aizoaceae	
5	<i>Echinopsis, Lobivia, Soehrensia</i>	63	<i>Conophytum</i>
6	<i>Eriosyce, Neochilenia, Neoporteria</i>	64	<i>Lithops</i>
7	<i>Gymnocalycium</i> - clumping	65	<i>Aloinopsis, Argyroderma, Fenestraria, Pleiospilos</i>
8	<i>Gymnocalycium</i> - solitary	66	<i>Mestoklema, Trichodiadema</i>
9	<i>Opuntoids</i>	Apocynaceae	
10	<i>Parodia, Notocactus</i>	67	<i>Adenium</i>
11	<i>Rebutia, Weingartia</i>	68	<i>Pachypodium, Africa</i>
12	<i>Sulcorebutia</i>	69	<i>Pachypodium, Madagascar</i>
13	Tube Flowered <i>Ceroids</i>	Asclepiadaceae	
14	<i>Uebelmannia, Buiningia</i>	70	<i>Caralluma, Hoodia, Huernia, Pseudolithos, Stapelia</i>
15	Wide Flowered <i>Ceroids</i>	71	<i>Ceropegia, Cynanchum, Hoya, Sarcostemma</i>
North American Cacti		72	<i>Fockea, Petropentia, Raphionacme</i>
16	<i>Acharagma, Coryphantha, Escobaria</i>	Crassulaceae	
17	<i>Ancistrocactus, Pedocactus, Sclerocactus</i>	73	<i>Aeonium, Sedum, Sempervivum</i>
18	<i>Ariocarpus</i>	74	<i>Cotyledon, Tylecodon</i>
19	<i>Astrophytum</i>	75	<i>Crassula, Adromischus</i>
20	<i>Aztekium, Epithelantha, Obregonia, Pelecyphora, Strombocactus</i>	76	<i>Dudleya</i>
21	<i>Echinocactus</i>	77	<i>Echeveria</i>
22	<i>Echinocereus</i> - pectinate spines	78	<i>Kalanchoe</i>
23	<i>Echinocereus</i> - straight spines	79	<i>Pachyphytum, Graptopetalum, Tacitus</i>
24	<i>Echinofossulocactus, Stenocactus</i>	Liliaceae	
25	<i>Ferocactus</i>	80	<i>Aloe</i> , African
26	<i>Gymnocactus, Neolloydia, Turbinocarpus</i>	81	<i>Aloe</i> , Madagascar
27	<i>Hamatocactus, Leuchtenbergia</i>	82	<i>Aloe</i> hybrids
28	<i>Opuntoids</i>	83	<i>Agave</i>
29	<i>Thelocactus</i>	84	<i>Astroloba, Gasteria</i>
30	Wide Flowered <i>Ceroids</i>	85	<i>Beaucarnea, Calibanus, Dracaena, Yucca</i>
Genus Mammillaria		86	<i>Haworthia</i>
31	Subgenuses <i>Cochemiea, Dolichothele, Mammillopsis, Mammillydia, Oehmea</i>	87	<i>Haworthia</i> hybrids
Subgenus Mammillaria		88	<i>Sansevieria</i>
32	Series <i>Ancistracanthae</i>	Other Succulent Families	
33	Series <i>Decipientes, Heterochlorae, Proliferae</i>	89	Asteraceae
34	Series <i>Lasiacanthae</i>	90	Bromeliaceae
35	Series <i>Leptocladodae, Sphacelatae</i>	91	Caudiciforms and Geophytes
36	Series <i>Leucocephalae, Mammillaria, Polyedrae</i>	92	Cucurbitaceae
37	Series <i>Longiflorae</i>	93	Didiereaceae
38	Series <i>Polyacanthae</i>	94	Fouquieriaceae
39	Series <i>Stylothelae</i> Group <i>Bombycina</i>	95	Geraniaceae
40	Series <i>Stylothelae</i> Groups <i>Crinita, Glassii, Oleroi</i>	96	Moraceae
41	Series <i>Supertextae</i>	97	Pachycauls, New World
Other Cactus Classes		98	Pachycauls, Old World
42	Crested Cacti	99	Passifloraceae
43	Epiphytic Cacti	100	Portulacaceae
44	Miniature Cactus, less than 3 inches	101	Vitaceae
45	Monstrose Cacti	Other Succulent Classes	
46	<i>Pereskia</i>	102	Bulbs
47	Variegated Cacti	103	Cycads
47X	Any Other Cactus Genus	104	Orchids
DIVISION TWO - SUCCULENTS		105	Miniature Succulent, less than 3 inches
Euphorbias - African		106	Crested, Monstrose Succulents
48	<i>Anthacantha</i> group	107	Variegated Succulents
49	<i>Dactylanthus, Esula, Polygonae, Pseudoeuphorbium, Tetracanthium, Treisia, Triacanthium</i> and <i>Trigona</i> groups. and <i>Geophytes</i>	107X	Any Other Succulent Genus
50	<i>Grandifoliae</i> group	DIVISION III - COLLECTIONS AND ARRANGEMENTS	
51	<i>Medusae</i> , Eastern & Western cape	108	Cactus Collections***
52	<i>Medusae</i> persistent peduncle, <i>Pseudomedusa</i>	109	Succulent Collections***
53	<i>Meleuphorbia</i> group	110	Dish Gardens*
54	<i>Scolopendriae</i>	111	Anything Goes**
Euphorbias - Madagascar		DIVISION IV - SPECIALTIES COMBINING CACTI AND SUCCULENTS	
55	<i>Ankarensis</i> group, prostrate stems and shrub type	112	San Diego County Succulent
56	<i>Ankarensis</i> group, with caudex	113	Baja, Mexican Succulent
57	<i>Bosseri</i> and <i>Tirucali</i> groups	114	Grafted Succulent
58	<i>Lacanthus lophogona, Lacanthus viguieri, Pedilanthioides</i> and <i>Perrieri</i> groups	115	Seed grown by exhibitor
59	<i>Lacanthus, mili</i> group	116	Succulent bonsai
DIVISION V - DISPLAYS		DIVISION VI - ART	
117 Displays and Exhibits		118	Paintings
		119	Photography

* Dish Gardens - A combining of one or more plants for a scene or theme

** Anything Goes - Creative use of succulent plants, pots and other media

*** Collections - A set of 6 - 10 different specimens that are related by a common theme, genus, form, color or other character

2023 SDCSS SUMMER SHOW MAMMILLARIA CLASSES

Species	Cls	Species	Cls	Species	Cls	Species	Cls	Species	Cls
acultzingensis	41	dioica	32	hyalina	34	nivosa	36	tayloriorum	36
albescens	33	discolor	33	insularis	32	nunezii	38	tegelbergiana	41
albiarmata	36	dixanthocentron	41	jaliscana	39	oaxacana	41	tepexicensis	37
albicans	32	dodsonii	37	johnstonii	36	obconella	33	tepoxtlana	38
albicoma	33	dumetorum	34	karwinskiana	36	oteroi	40	tetrancistra	32
albiflora	34	duoformis	38	klissingiana	36	painteri	40	texana	33
albilanata	41	durispina	33	knippeliana	36	parkinsonii	36	theresae	37
amajacensis	36	duwei	40	kraehenbuehlii	35	patonit	32	thornberi	32
angelensis	32	echinaria	35	lasiacantha	34	pectinifera	34	tlalocii	41
anniana	33	egregia	34	loui	34	peninsularis	36	tonalensis	35
apamensis	33	ekmanii	36	lenta	34	pennispinosa	39	uncinata	36
arachnoidea	33	elegans	41	leptacantha	38	perbella	36	variaculeata	36
aramberri	36	elongata	35	leucantha	40	perezdelarosae	39	vetula	33
arida	36	eriacantha	38	leucocentra	36	petrophila	36	viereckii	33
armillata	32	ernestil	38	lewisiana	36	petterssonii	36	viperina	35
ascensionis	40	erythra	36	limonensis	39	phitauiana	32	voburnensis	36
aureiceps	33	erythrosperma	40	linaresensis	36	picta	33	wagneriana	36
aureilanata	34	eschauzieri	40	lindsayi	36	pilcayensis	38	weingartiana	39
aureispina	38	esperanzaensis	33	lloydii	36	pilisipina	33	wiesingeri	33
backebergiana	38	estebanensis	32	longiflora	37	plumosa	34	wilcoxii	32
bambusiphila	38	evermanniana	36	longimamma	31	polyedra	36	wildii	40
barbata	32	fera-rubra	33	louisae	32	polythele	33	winterae	36
baumii	31	fittkaui	39	luethyi	34	pondii	31	woodsii	36
baxteriana	36	flavicentra	41	macdougalii	36	poselgeri	31	wrightii	32
beiselii	36	formosa	36	magallanii	34	pottsii	35	xaltiangensis	38
bella	38	fraileana	32	magnifica	38	pringlei	33	yaquensis	32
beneckeii	31	gabbii	36	magnimamma	36	prolifera	33	yucatanensis	41
berkiana	39	gaumeri	36	mainiae	32	pseudocrucigera	36	zacatecasensis	39
blossfeldiana	32	geminispina	36	mammillaris	36	rekoii	38	zeilmanniana	39
bocasana	40	gigantea	36	marcosii	40	reppenhagenii	41	zephyranthoides	32
bocensis	36	giselae	34	maritima	31	rettigiana	39	zublerae	33
boelderiana	36	glareosa	36	marksiana	36	rhodantha	33		
bombycina	39	glassii	40	mathildae	39	roseoalba	36		
boolii	32	goldii	37	matudae	38	rubrograndis	36		
brandegeei	36	goodridgei	32	mazatlanensis	32	saboae	37		
bravoae	36	gracilis	33	mccartenii	33	san-angelensis	41		
camptotricha	33	grahamii	32	meiacantha	36	sanchezmejoradae	34		
candida	31	grusonii	36	melaleuca	31	sartorii	36		
canelensis	36	guelzowiana	32	melanocentra	36	scheinvariana	40		
capensis	32	guerreronis	38	mendeliana	36	schiedeana	34		
carmenae	34	guillauminiana	39	mercadensis	39	schmollii	41		
camea	36	gummifera	36	meyranii	38	schumannii	32		
carretii	31	haageana	41	microhelia	35	schwarzii	33		
centralifera	36	hahniana	36	microthele	36	scrippsiana	36		
cerralboa	32	haitiensis	33	miegiana	36	senilis	31		
chionocephala	36	halbingeri	41	mieheana	35	setispina	31		
coahuilensis	36	halei	31	moelleriana	39	sheldonii	32		
collinsii	36	hamata	38	mollendorffiana	33	sinistrohamata	39		
columbiana	41	haudeana	37	morganiana	36	solisioides	34		
compressa	36	heidiae	32	muehlenpfordtii	36	sonorensis	36		
conspicua	41	hemisphaerica	36	multidigitata	32	sphacelata	35		
craigii	36	hernandezii	37	multihamata	40	sphaerica	31		
crinita	40	herrerae	34	mystax	36	spinosissima	38		
crucigera	41	hertrichiana	36	nana	40	stampferi	37		
dasyacantha	34	heyderi	36	napina	37	standleyi	36		
decipiens	33	nuitzilopochtlii	41	nazasensis	39	stella-detacubaya	39		
deherdtiana	37	humboldtii	34	nejapensis	36	supertexta	41		
densispina	35	hutchisoniana	32	neopalmeri	32	surculosa	31		



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 be 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, coarse 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 (no cursive).

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 the 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 in the show room Friday afternoon and Saturday morning.

JERRY GARNER



Judges at the 2019 Winter Show

Whitney Meyer

MEMBER SECTION: JULY COFFEE IN THE GARDEN

ALAN WELLS' COFFEE IN THE GARDEN

Time and Date: July 1st 8am - 2pm (date may change; see June emails for more details)

Address: 2622 Covington Road, San Diego, CA 92104

Parking: I live on a cul-de-sac and parking is limited in front of my house.

Visitors, please park near boundary and Covington and walk down to my house.

I'm a member of SDCSS and I'll be hosting a Coffee in the Garden in July. I'm moving to Texas and unfortunately can't bring a majority of my plants with me, so I'd like to sell some plants to members to try and refine them.

I have planted multiple gardens at my house, mostly succulents but also some natives and annuals intermixed. I have many different species of cultivars of aloes and agaves in my gardens. My backyard is a canyon and in addition to my gardens, I have multiple mature avocado trees that have been in the family for generations, and a full vegetable garden that should be in full growth during the event.

I will be selling some plants from my collection, and also some handmade pots by me. Please bring cash to buy plants and pots. Snacks and coffee will be provided.



MEMBER SECTION: DIGITAL MICROSCOPE PHOTOGRAPHY

Inflorescences of *Euphorbia godana* (~5mm) and male *Dorstenia lavrani* (~0.75in)

Der-shing Helmer

Enjoy looking at succulent features but not interested in shelling out for an expensive macro lens? I'd like to recommend a less expensive and effective method of examining minute features: a digital microscope!

Digital microscopes are fairly cheap (around \$40) and can achieve magnifications as high as up to 250x. These microscopes plug into a computer via the USB port and project directly onto your computer screen. These cameras are used by hobbyists to examine stamps and coins, but I've found them effective on plants as well. The depth of focus can be a little lacking (same in macro photography), but if you pair your photos with software that stacks photos, you can achieve high resolution images of your features with all detail preserved.

This type of photography has really opened my eyes to the hidden world of my plants, especially to inform my pollinating. Maybe you'd like to try this easy type of photography too!

DER-SHING HELMER

Spying on seeds developing in *Dorstenia* ovaries and on *Euphorbia* anthersacs

Der-shing Helmer

MEMBER SECTION



An abundance of Aeoniums

Pam Badger

PLEASE RETURN YOUR LIBRARY BOOKS AT THE JULY MEETING!

Looking for Steven Hammer's book on Lithops or Philippe de Vosjoli's Guide to Growing Pachycaul and Caudiciform Plants, but when you come to a meeting you leave disappointed because the books haven't been returned? The SDCSS Library is here to support everyone's love for cactus and succulents. Please return your books in a timely fashion so others get a chance to enjoy them. We'd rather not have to impose fines so let's keep books circulating. We will be conducting an inventory of our book cases this Summer. Thanks for your cooperation and support in keeping our library resources available to all.

LUIS GONZALEZ

SHARE YOUR PASSION!

Have you ever read the *Espinās 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?

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

SDCSS ONLINE

FACEBOOK:

www.facebook.com/sdcss

TWITTER: SanDiegoCactus

INSTAGRAM: #sdcss

WEBSITE: www.sdcss.net

MAY 2023 BRAG TABLE WINNERS GALLERY

SDCSS members came through and shared lovely winter plants at the May meeting's Brag Table, judged by Pam Badger and Chris Miller!

The Brag Table will be back in July!

In the meantime, we're thrilled to display your best plants at the
SUMMER SHOW AND SALE in June... see you there!

BRAG TABLE: NOVICE SUCCULENT



1st: *Euphorbia* sp.

Jared Petker



2nd: *Astroloba bullulata* Jared Petker



3rd: *Haworthia parksiana*

Susan Foran



Haworthia cv. 'White Ghost'

Miriam Parent

BRAG TABLE: NOVICE SUCCULENT



Aeonium sp.

Miriam Parent



Euphorbia caput medusae

Miriam Parent



Sedum weinbergii

Lila Wagar



Euphorbia mammillaris variegata Penelope Sacks

BRAG TABLE: INTERMEDIATE SUCCULENT



1st: *Haworthia 'Bev's Wonder'*

Chris Miller



3rd: *Dudleya ingens*

Melanie Howe



2nd: *Haworthia limifolia 'Spider White'*

Chuck Ramey

BRAG TABLE: INTERMEDIATE SUCCULENT



Fuschia pulvinata

Chuck Ramey



Faucaria tigrina

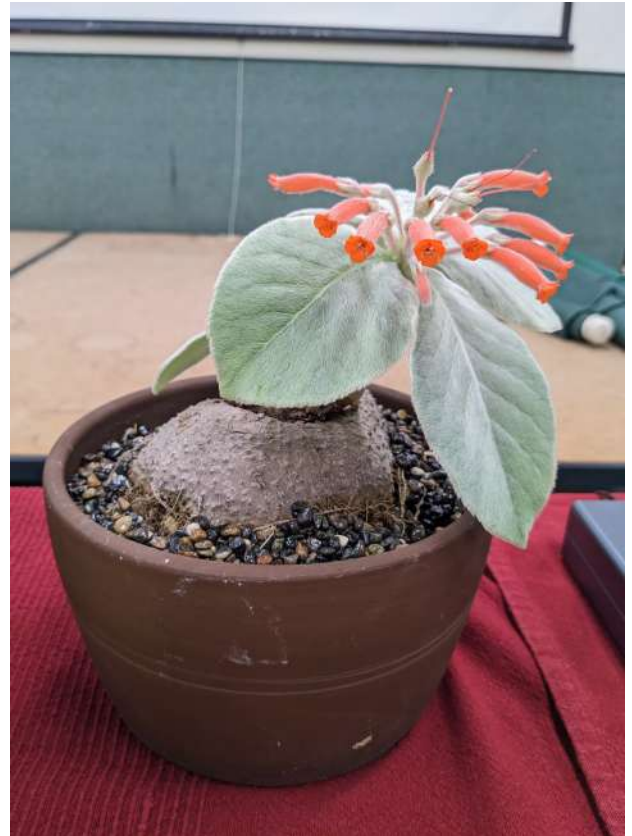
Chuck Ramey

BRAG TABLE: INTERMEDIATE SUCCULENT



Adromischus marianiae herrei

Chris Miller



Sinningia canescens

Melanie Howe



Gasteria 'Black Panther'

Chuck Ramey



Haworthia truncata

Chris Miller

BRAG TABLE: ADVANCED SUCCULENT



1st: *Dudleya virens ssp. hassei* Jerry Garner

Editor's note: it seems I didn't get a full photo of this gorgeous plant, so please enjoy this tantalizing hint instead!



2nd: *Dudleya farinosa*

Naomi Orosz



3rd: *Dudleya rubens*

Pam Badger

BRAG TABLE: ADVANCED SUCCULENT



Dudleya lanceolata

Pam Badger



Crassula mesembryanthemoides

Naomi Orosz

BRAG TABLE: NOVICE CACTUS



1st: *Mammillaria* sp.

Miriam Parent



2nd: *Mammillaria* sp.

Miriam Parent



3rd: *Stenocactus guerraianus*

Tricia Bostard

BRAG TABLE: NOVICE CACTUS



Notocactus haselbergii

Tricia Bostard



Rebutia sp.

Lien Lieu



Mammillaria sp.

Miriam Parent



Rhipsalis rhombea

Melanie Howe

BRAG TABLE: INTERMEDIATE CACTUS



1st: *Copiapoa tenuissima*

Chuck Ramey



2nd: *Gymnocalycium friedrichii*

Chris Miller



3rd: *Mammillaria gracilis fragilis*

Chuck Ramey

BRAG TABLE: INTERMEDIATE CACTUS



Mammillaria bocasana 'Fred'

Chuck Ramey



Lobivia wrightiana

Chuck Ramey



Rhipsalis neves-armondii

Melanie Howe

BRAG TABLE: ADVANCED CACTUS



1st: *Mammillaria nejpensis*

Jerry Garner



2nd: *Rhipsalis baccifera*

Pam Badger

UPCOMING SOCIETY AND AFFILIATE EVENTS



Gates Cactus and Succulent Society
48th Annual Sale

Plant Sale – Friday & Saturday, May 12–13, 2023

Exhibit Show – Saturday, May 13, 2023

9:00am – 4:00pm Both Days

Redlands Church of the Nazarene

1307 East Citrus Avenue, Redlands, CA 92374

FREE ADMISSION

Thousands of rare and unusual cacti and succulents for sale.

Learn growing tips from professional growers about drought-tolerant plants.

Unique handmade ceramic pottery for your plants.

www.gatescactusandsucculentsociety.com

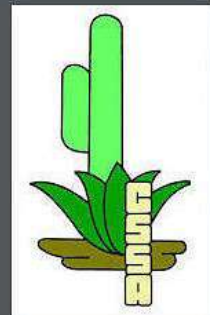
(909) 910-9195



Cactus and Succulent Society of America
2023 Biennial Convention

July 12 to 16, 2023

Succulents with Altitude
Colorado Springs, Colorado



2023 CSSA Convention in Colorado Springs, CO

The Colorado Cactus and Succulent Society invites you to the CSSA 39th Biennial Convention in beautiful downtown Colorado Springs, Colorado. The convention is from July 12 to July 16, 2023, with field trips on July 13th. This year we will also feature an optional field trip prior to the convention. There will be excellent speakers, plant and pottery vendors, live auction, and silent auction, local sales area, an opening reception, and awards banquet.