



Mammillaria thornberi

Espinas y Flores

The Newsletter of the San Diego Cactus & Succulent Society
Affiliated with the Cactus and Succulent Society of America

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Special Edition Summer 2013



2013 Cactus and Succulent Show and Sale

Presented by

The San Diego Cactus and Succulent Society

June 1st & 2nd

At **Balboa Park** in

The Casa Del Prado

**Show: Room 101, Sat June 1, 10 to 3,
Sun June 2, 10 to 4**

**Sale: Courtyard, Sat June 1, 10 to 5,
Sun June 2, 10 to 4**

SDCSS Members only shopping Sat Jun 1, 9am to 10am

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Informational Workshops and Educational Tables

Informational Workshops (to be held in Patio A just outside Room 101)

Saturday, June 1, 2013

12-12:30p—“Terrestrial (and succulent) Bromeliads—Dyckia, Hechtia, Deuterocohnia, Puya, and More”—Many of us grow these interesting, and succulent, bromeliads but don’t necessarily know which they are. Andy will talk about some ways to tell them apart, how to grow them, and where they look their best. He will have plants to display some of which will be available for sale after his talk. Speaker: Andy Siekkinen.

12:45-1:15p—“Bulbs for Succulent Gardens in the San Diego Area”—Appropriate bulbs for succulent gardens or on their own in our summer-dry/winter-wet Mediterranean climate. Ken will include descriptions, pictures, and handouts of various bulbs and their cultural requirements. Speaker: Ken Blackford.

1:30-2:00p—“Potting for Display”—Including for shows, your friends, or your own pleasure. Jerry will discuss how the right pot can enhance your favorite plants! Speaker: Jerry Garner.

2:15-2:45p—“Cacti vs. Succulents: Throw down with Spike Crowns!”—Come learn what qualifies as a succulent and how that differs from cacti as Kienan discusses both. Also learn how to differentiate between major succulent groups like agaves and aloes. Speaker: Kienan Parr.

3:00-3:30p—“Drilling Holes in Ceramic Vases and Pots for Planters”—Come see how you can make your ceramic vases and pots into planters by drilling drainage holes as Sara demonstrates the process. Speaker: Sara Schell.

Educational Tables—Most are available on Saturday, June 1, 2013 from 10-5p and Sunday, June 2, from 10-4p—see listings below for exceptions

Succulent Petting Zoo--That’s right! Come gently touch and feel several varieties of succulents and learn why they feel the way they do. Bare hands only are welcome. Leave the gloves at home! Inspired by Kienan Parr

Cuyamaca College Ornamental Horticultural Program—Volunteers will be available to discuss the horticultural program and classes available for career or pleasure as well as their nursery which is open to the public. (Only available on Saturday, June 1, 10-5p)

Water Conservation Garden—The Water Conservation Garden, located in El Cajon, is an inspirational demonstration garden that shows southern Californians how to create gorgeous landscapes that use minimal water. Over five acres of displays showcase water conservation via gardens, how-to displays, and exhibits. They offer on-site educational programs for adults and children, free docent-led tours, and school assemblies. Come by their table and visit with their volunteers to learn more! (Only available on Sunday, June 2, 10-4p)

Vermicomposting: Turning Green Waste Into Brown Gold-- Vince will teach how to build a home worm composting system using an 18 gallon plastic tote. He will teach the many benefits of home composting such as reducing local landfill use, water, and fossil fuels as well as demonstrate how nutrient-rich worm castings can be applied to soil to maintain soil health. By Vince Zazueta.

Mr. Fertilizer—Come learn about fertilizers and bagged soil mixes at this display. Mr. Fertilizer will offer a bonus bag of fertilizer for qualifying purchases.

Cacti and Succulent Informational Table—Come look through the reference books for information on plants you might be purchasing or want to learn about. The folks on hand can tell you about the botanical club and library resources at Balboa Park as well. By Jeannette Dutton.

CSSA Show and Sale at the Huntington June 29 - 31, 2013

As Show Chair of the upcoming CSSA Annual Show & Sale, I need to update you on what is happening re: the event at the HBG. Due to the remodeling at the entrance to the Huntington the CSSA Show and Sale will be moved to an area inside the Huntington. The general public will be required to pay an entrance fee in order to attend this year's CSSA Show & Sale.

Those excluded from this fee will be members of CSSA or one of its Affiliate Clubs of which SDCSS is a Member. This decision was made after our flyers & postcards were already mailed out. Club members **MUST BE WEARING** their club badges. This will allow them free entrance to the Show & Sale but not to the gardens. Members will be given a special sticker at the entry gate. I would like to ask that a current list of all active members in your clubs (An electronic list if you have it) be forwarded to Gunnar Eisel, so that he can compile them into one list. (Paul will take of this after the June Sale.)

We will have volunteers at the ticket gate who will be registering club and CSSA members in and giving out the stickers. A list of your current members will allow those registering a way of confirming membership in the event folks forget their badges. . Please be patient at the registration area as this is a new experience for us & we want it to go as smoothly as possible.

Bobbie Hall

If you are interested in a bus trip to the Huntington for the Show and Sale on the 30th of June contact Peter Walkowiak. The Palomar Club has some interest and if enough people are interested a bus will be rented for the event.

Getting to the Show & Sale Sunday

The route for the Rock & Roll Marathon has changed this year.

For most areas the easiest way to get into the park on Sunday morning in to take I8 to 163 south, take the I5 south/Park Blvd off ramp to Park Blvd. Turn left at Park and enter the park from the south. From the southern areas of the city it's more complicated, go to the R&R marathon web site for better details. <http://runrocknroll.competitor.com/san-diego/event-details#course>

UPCOMING EVENTS

June 1 & 2: SDCSS Annual Summer Show and Sale, Balboa Park, Room 101 San Diego CA Info Call 858-382-1797

June 8 & 9: Los Angeles Cactus and Succulent Society Plant Show and Sale, Saturday 9-5, Sunday 9-3:30, Sepulveda Garden Center, 16633 Magnolia Blvd, Encino CA Info: e-mail LACSS@gmail.com

June 15-20: CSSA 35th Biennial Convention, Austin TX, Info www.cssa2013.com

June 28-30: CSSA Annual Show and Sale—Huntington Botanical Gardens, 1151 Oxford Road, San Marino CA. Info 626-405-2160 or 2277. Sale 28th-30th, Show 29th-30th. Show & Sale free to the CSSA and Affiliate Organizations

July 26-28: Orange County Cactus & Succulent Society Summer Show and Sale. Friday. July 26th 9am to 5pm, Saturday July 27th 9am to 5pm, Sunday 28th 12-4pm. 1000 S. State College Blvd., (Anaheim United Methodist Church) Anaheim, CA, Info 949-212-8417

Dyckia Exceptions

We usually picture a *Dyckia* as upright, extremely well-armored, neatly formed rosette-shaped plants with a very strong semi-succulent root system which are a “bear” to handle and repot. An example might be *Dyckia fosteriana* pictured at right. This well-known species is a parent of several popular cultivars such as *Dyckia* “Brittle Star.”



But as often found with general concept, there are exceptions. Below are two *Dyckia* species which might be somewhat easier to handle when they enjoy a place in your collection.

Dyckia choristaminea is one exception to consider. Spines are not as much a problem here. True, this native of dryer Brazilian areas such as Rio Grande do Sul has leaf spines, but as seen at right they can be smaller, finer, and less lethal than those on many *Dyckia*.



often darker than they appear in the very strongly lit photo at right. In natural lighting, focusing on one plant in this densely clumping, green species becomes difficult. Each plant forms a rosette of many 6 inch long leaves that overlap other cluster members.

The owner of the cluster in the above left photo says they “believe” it contains 15 plants. One grower, probably searching for a catchy name to sell plants, called this the “spaghetti bowl” *Dyckia*



The above left photo also gives a better impression of the leaf color under natural light. The leaves will blush plum red with sufficient light exposure.

Dyckia chotistaminea flowers top a 10 inch flower spike and these blooms are larger than those of most *Dyckia*. Flowers can reach 2/3 of an inch long and are usually yellow. Orange flowers are also reported. Flowering time is generally May/ June. They are said by some to be fragrant.

Another exception is *Dyckia estevesii*. Instead *Dyckia* features leaves in parallel rows and grows on its side almost horizontally once pups appear. Prior to pupping, it forms an upright fan. The fans can reach between 2 to 3 feet across.



This special plant is found only in the vicinity of Goia of the expected rosette-shaped plant, this fan-shaped s, Brazil. It was named for its discoverer, Eddie Estavis Pereira by Rauh.



As frequently found in rarer plants, there is not a lot of information in our books. The internet adds sometimes conflicting information. For example, there are a few mentions that this plant is sterile and will not bloom. However, other articles have pictures of flowers (like that taken by George Allaria below.) Some of our friends have succeeded in flowering this plant yearly and some of us have yet to succeed.

Carol and I obtained our plant from a friend who said we would find the plant's growth habit "interesting." He was very right.

Carol and I obtained our plant from a friend who said we would find the plant's growth habit "interesting." He was very right.



The horizontal shape of this plant offers handling advantages for repotting. However, like most *Dyckia*, this plant presents a mass of strong roots and is very well-armored. Strong self-protection and a root saw are suggested for those separating or repotting it.

The future of *Dyckia estevesii* may be uncertain. Derek Butcher, a well-known bromeliad writer, said in a 2010 article that to his mind this plant can be likened to the monstrous or crested cacti forms. If he is proven correct by future DNA analysis, this plant might be relegated to a form of another species. As we often say, stay tuned.

Both of these plants will easily winter outside in this area but restrict watering prior to extra cold nights.

Joe Wujcik

From the Editor

I have just received a copy of the CSSA Cactus Cook Book that was compiled by Joyce L. Tate in 1971. The Harris's used this Cook Book to share recipes while they were Editors. I intend to do the same. If you have a recipe using cactus or succulents please let me know. If you would like to be a test kitchen before I publish let me know. We all know, short of pineapple upside down cake cooking is not my best skill set.

Chris



CSSA Convention

The Austin Cactus & Succulent Society would like to invite you to Austin, Texas for the 2013 CSSA Convention. It will be held June 15th through 20th at the Sheraton Austin Hotel at the Capitol. The Sheraton is located in the heart of downtown – within walking distance of many Austin attractions.

All members of the Society are invited to join in the gathering which will feature world renowned authors and experts in the field of Cacti & Succulents. The web site for the Convention is located at <http://cssa2013.com>.

June Auction Sunday June 2nd at 2pm

Sunday of the Summer show we will have a Rare Plant Auction. The proceeds benefit Anza Borrego land purchases. This is to support the conservation portions of our mission as an organization. We are open to donations for the auction from members and vendors. One item that will be available for auction will be a copy of Edward F. Anderson's The Cactus Family. Contact Peter Walkowiak if you have a item for the auction. You can bring your auction donations Friday or Saturday. The earlier the better to build interest for the Auction. Bring them to the Show area in room 101.

Volunteers for the Show and Sale

We still need more volunteers for Cashier Teams, Security, the Kitchen Team, Cleanup, Boxes, and anything else I haven't thought of yet. Many of you will show up and help, but it is better if I know you are coming ahead of time so we can schedule better. We also need some volunteers for will call and holding areas. E-mail me at c.miller@cox.net if you can volunteer.

Set up on Friday can always use more volunteers

We also need side dishes and deserts for those of you that like to cook.

Membership Info

Membership Badges for existing members will be available for pick up at the Info table in front of the Sale area. Members only shopping will be from 9 to 10 Saturday Morning. Please wear your new badge for easier entrance. We will have a membership list on site.

For those of you who need to renew your membership or want to join to get into the sale please print the last page of newsletter with the membership form on it. Fill out the form for easier processing

Graham Charles' Cactus Explorer

Number 8 of the Cactus Explorer is ready to download free from:

<http://www.cactusexplorers.org.uk/journal1.htm>

The file size of No.8 is about 13MByte so please be patient while it downloads.

SAN DIEGO CACTUS AND SUCCULENT SOCIETY'S ANNUAL SHOW & SALE, JUNE 1 & 2,**Show Rules**

Read the Entry Notes below the Plant Entry Classification Schedule. The 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 to be eligible for awards. Exhibitors are responsible for placing these items with their entries. For the best plant grown from seed, 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 Plant Name Tags in pots (except for collections and displays). Awards must remain with exhibits until the close of the show. Classes with few entries may be combined; classes with too many entries may have a Class C added. 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(s) 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. First, second and third place ribbons will be awarded in each class; however, should the judges feel that a first, second, or third 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 *Epiphytic* Cactus Plant William & Ruth Nelson Trophy
 Best *Mammillaria* Elibet Marshall Trophy
 Best *Opuntiae* James & Shirley Berry Trophy

OTHER SUCCULENTS

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

CACTI 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
 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 50 or fewer entries James & Shirley Berry Trophy
 Sweepstakes Trophy Ronald & Marcia Monroe Trophy

Set-up times: Fri. May 31, 12 - 8 and Sat. June 1, 7 - 8:30 AM *for out of town participants only*

Show times: Sat. June 1 10 - 3 Sun. June 2, 10 - 4

Sales times: Sat. June 1, 10 - 5, Sun. June 2, 10 - 4

Special SDCSS Members-Only Sale: Sat. June 1, 9 - 10

AUCTION

Members may submit plants to an Auction to be held Sunday June 2 at 2pm.
75% of the proceeds will go to the Anza-Borrego Foundation, 25% to the donor.

Entries accepted till noon Sunday.

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 pt., Division III, 1st-7 pts., 2nd-5 pts., 3rd-3 pts. Division V, 1st-12 pts., 2nd-10 pts., 3rd-8 pts.,

Plaques and Trophies: 10 pts. Honorable Mention Awards receive no points, are used only as tie-breakers

SHOW COMMITTEE

Show Chair: Peter Walkowiak; **Head Clerk:** Susan Hopkins; **Luncheon:** Pam Badger;
Sales Chair: Chris Miller; **Sales Managers:** Tom DeMerritt, Terry Parr

THE SAN DIEGO CACTUS AND SUCCULENT SOCIETY

P. O. Box 33181, San Diego, California 92163-3181, is a public service and educational (nonprofit

PLEASE NOTE THAT NEW PLANT TAGS ARE BEING USED. PICK THEM UP AT THE MAY MEETING OR SHOW

ENTRY NOTES: PLEASE USE THE MOST CURRENT CLASSIFICATION SCHEDULE. Classes 1-125 are divided into two pot sizes: **A** and **B** (**A** = 5 inches and under; **B** = over 5 inches – measurements are of the **maximum** inside dimension). Note that **one** plant per container is allowed in these classes.

Three categories for competing entries are as follows: **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 commercial exhibitors and those that want to compete against them. Awards will be selected from any category. **WHITE** cards are for plants entered non-competitively, for show only.

Plant Entry Classification Schedule

★ DIVISION I - CACTI	
# South American Cacti	
1	<i>Frailea, Blossfeldia, Cintia</i>
2	<i>Uebelmannia, Buiningia</i>
3	<i>Parodia</i>
4	<i>Notocactus</i>
5	<i>Gymnocalycium</i> - solitary
6	<i>Gymnocalycium</i> - clumping
7	<i>Rebutia</i>
8	<i>Sulcorebutia</i>
9	<i>Lobivia</i>
10	<i>Echinopsis</i>
11	<i>Weingartia, Soehrensia</i>
12	<i>Melocactus, Discocactus</i>
13	<i>Neoporteria, Neochilenia, Eriosyce</i>
14	<i>Copiapoa</i>
15	<i>Matucana, Oroya, Denmoza</i>
16	Tube Flowered Ceroids: <i>Arrojadoa, Cleistocactus, Oreocereus, Espostoa</i> , etc
17	Wide Flowered Ceroids: <i>Trichocereus, Pilocereus</i> (most)
18	Opuntiods: <i>Tephrocactus, Pterocactus, Quiabentia, Maihue-</i> <i>nia</i>
# North American Cacti	
19	<i>Echinocereus</i> - pectinate spines
20	<i>Echinocereus</i> - straight spines
21	<i>Turbinocephalus, Gymnocactus, Neolloydia</i>
22	<i>Pediocactus, Sclerocactus, Ancistrocactus</i>
23	<i>Thelocactus</i>
24	<i>Coryphantha, Escobaria, Acharagma</i>
Genus Mammillaria	
25	Subgenuses <i>Mammilloidya, Mammillopsis, Cochemiea</i>
26	Subgenuses <i>Oehmea, Dolichochele</i>
	Subgenus <i>Mammillaria</i>
27	Series <i>Longiflorae</i>
	Series <i>Ancistracanthae</i>
28	Groups <i>Tetrancistra, Guelzowiana, Grahamii, Dioica</i>
29	Groups <i>Barbata, Zephyranthoides</i>
30	Series <i>Proliferae, Decipientes, Heterochlorae</i>
31	Series <i>Sphacelatae, Leptocladodae, Polyedrae</i>
32	Series <i>Lasiacanthae</i>
33	Series <i>Polyacanthae</i>
34	Series <i>Supertextae</i>
35	Series <i>Leucocephalae</i>
	Series <i>Stylotela</i>
36	Group <i>Bombycina</i>
37	Groups <i>Crinita, Otero, Glassii</i>
	Series <i>Mammillaria</i>
38	Groups <i>Heyderi, Magnimamma, Brandegeei</i>
39	Groups <i>Mammillaris, Pettersonii, Standleyi, Compressa, Sonorensis, Petrophila</i>
40	<i>Ariocarpus</i>
41	<i>Obregonia, Strombocactus, Aztekium, Epithelantha, Pelecyphora</i>
42	<i>Astrophytum</i>
43	<i>Ferocactus</i>
44	<i>Hamatocactus, Leuchtenbergia</i>
45	<i>Echinocactus</i>
46	<i>Stenocactus, Echinofossulocactus</i>
47	Wide Flowered Ceroids: <i>Cephalocereus, Pachycereus, Peniocereus, Wilcoxia</i> , etc
48	Opuntiods: <i>Opuntia, Cyllindropuntia</i>
# Other Cacti	
49	Epiphytic Cacti - <i>Selenicereus, Aporocactus, Epiphyllum, Rhipsalis</i> , etc
50	<i>Pereskia</i>
51	Crested Cacti
52	Monstrose Cacti
53	Variegated Cacti

★ DIVISION II - SUCCULENTS	
# Euphorbias - African	
54	<i>Esula</i> group: <i>balsamifera, lambii, autropurpurea</i> , etc
55	<i>Treisia</i> group: <i>gariepina, hamata, halleri, lignosa</i> , etc
56	Geophytes, deciduous stems and leaves: <i>trichadenia, bogensis</i> , etc
57	Geophytes, deciduous leaves: <i>tuberosa, primifolia, selenifolia, crispa</i> , etc
58	<i>Pseudoeuphorbia</i> group: <i>bupleurifolia, clava, hallii, loricata</i> , etc
59	<i>Medusae</i> , Western cape: <i>clavarioides, flanaganii, pugniiformis</i> , etc
60	<i>Medusae</i> , Eastern cape: <i>inermis, esculenta, caput-medusae</i>
61	<i>Medusae</i> , persistent peduncle: <i>pentops, suppressa, decepta, arida</i> , etc
62	<i>Pseudomedusae</i> : <i>multiramosa, namaquensis, fasciculata, schoenlandii</i> , etc
63	<i>Dactylanthus</i> group: <i>globosa, polycephala</i> , etc
64	<i>Meleuphorbia</i> group: <i>suzannae, obesa, meloformis, tubiglans</i>
65	<i>Anthacantha</i> group: <i>ferox, horrida, enopla, stellaespinosa</i> , etc
66	<i>Grandifoliae</i> group: <i>nerifolia, unispina, poissonii</i> , etc
67	<i>Scolopendriae</i> group, capsules not extruded: <i>clavigera, groenewaldii, aeruginosa, buruana</i> , etc
68	<i>Scolopendriae</i> group, extruded capsules: <i>stellata, fanshawei, knuthii</i> , etc
69	<i>Trigona</i> and <i>Polygonae</i> groups: <i>trigona, canariensis, grandicornis, heterochroma, fruticosa, columnaris</i>
70	<i>Triacanthium</i> and <i>Tetracanthium</i> groups: <i>ballyana, glochidiata, subsalsa, ellenbeckii</i> , etc
# Euphorbias - Madagascar	
71	<i>Lacanthus, lophogona</i> group: <i>lophogona, pachypodioides</i> , etc
72	<i>Lacanthus, milii</i> group: <i>milii, beharensis, horombensis, genoudiana</i> , etc
73	<i>Lacanthus, viguieri</i> group: <i>viguieri, neohumbertii</i> , etc
74	<i>Pedilanthioides</i> and <i>Perrieri</i> groups: <i>croizatii, didiereoides, pedilanthioides</i> , etc
75	<i>Ankarensis</i> group, with caudex: <i>cylindrifolia v. tuberifera, decaryi v. tuberosa, francoisii, primulifolia</i> , etc
76	<i>Ankarensis</i> group, prostrate stems: <i>decaryi v. decaryi, decaryi v. spirosticha, cylindrifolia v. cylindrifolia</i> , etc
77	<i>Ankarensis</i> group, shrub type: <i>millotii, moratii, ankarensis, capsaintemariensis</i> , etc
78	<i>Bosseri</i> group: <i>bossier, platyclada, hedytoides</i> , etc
79	<i>Tirucalli</i> group: <i>tirucalli, stenoclada, leucodendron</i>
Euphorbias - New-World	
80	<i>Agaloma</i> group: <i>miseria, antisiphilitica, weberbaueri, xantii</i>
# Other Euphorbiaceae	
81	<i>Monadenium</i>
8	<i>Jatropha, Pedilanthus</i>
Crassulaceae	
83	<i>Kalanchoe</i>
84	<i>Cotyledon, Tylecodon</i>
85	<i>Crassula, Adromischus</i>
86	<i>Aeonium, Sedum, Sempervivum</i> , etc
87	<i>Pachyphytum, Graptopetalum, Tacitus</i> , etc
88	<i>Echeveria</i>
89	<i>Dudleya</i>
# Liliaceae	
90	<i>Aloe</i> , African: <i>variegata, melancantha, dorothea, striata</i>
91	<i>Aloe</i> , Madagascar: <i>conifera, haworthioides, capitata</i> , etc
92	<i>Aloe</i> hybrids
93	<i>Gasteria, Astroloba</i>
94	<i>Haworthia</i>
95	<i>Sansevieria</i>

96	<i>Agave, Yucca</i>
97	<i>Beaucarnea, Calibanus, Dracaena</i>
# Aizoaceae	
98	<i>Lithops, Conophytum</i> , etc
99	<i>Argyroderma, Aloinopsis, Pleiospilos, Fenestraria</i> , etc
10	
0	<i>Mestoklema, Trichodiadema</i> , etc
# Asclepiadaceae	
101	<i>Caralluma, Huernia, Stapelia, Hoodia, Pseudolithos</i> , etc
102	<i>Hoya, Ceropegia, Cynanchum, Sarcostemma</i> , etc
103	<i>Fockea, Raphionacme, Petopentia</i> , etc
# Apocynaceae	
104	<i>Adenium</i>
105	<i>Pachypodium</i> , Africa
106	<i>Pachypodium</i> , Madagascar
107	<i>Adenia</i>
108	Portulacaceae: <i>Portulacaria, Ceraria, Anacampseros, Avonia, Talinum</i> , etc
109	Didiereaceae: <i>Alluaudia, Didierea, Decarya</i> , etc
110	Asteraceae: <i>Senecio, Othonna</i>
111	Geraniaceae: <i>Pelargonium, Sarcocaulon</i>
112	Vitaceae: <i>Cissus, Cyphostemma</i>
113	Moraceae: <i>Ficus, Dorstenia</i>
114	<i>Fouquieria</i>
115	Cucurbitaceae: <i>Ibervillea, Gerrardanthus, Kedrostis, Seyrigia, Xerosicyos</i> , etc
116	Bromeliaceae: <i>Deuterochonia, Dyckia, Hechtia</i> , etc
117	<i>Pachycauls</i> , New World: <i>Bursera, Pachycormus, Bombax</i> , etc
118	<i>Pachycauls</i> , Old World: <i>Commiphora, Adansonia, Operculicarya</i>
119	Caudiciforms and Geophytes: <i>Ipomoea, Dioscorea, Sinningia</i> , etc
120	Orchids
121	Bulbs
122	Crested Succulents
123	Monstrose Succulents
124	Variegated Succulents
125	Cycads
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# Collections*	
126	Cacti
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★ DIVISION IV - SPECIALTIES, COMBINING CACTI AND SUCCULENTS	
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139	Paintings
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* Collections - A set of 6 - 10 different specimens that are related by a common theme, genus, form, color or other character

** Arrangements - The combining of one or more plants for a scene or theme

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

2013 Cactus and Succulent Show and Sale

Presented by

The San Diego Cactus and Succulent Society

June 1st & 2nd

At **Balboa Park** in

The Casa Del Prado

**Show: Room 101, Sat June 1, 10 to 3,
Sun June 2, 10 to 4**

**Sale: Courtyard, Sat June 1, 10 to 5,
Sun June 2, 10 to 4**

SDCSS Members only shopping Sat Jun 1, 9am to 10am

Strange and exotic plants from the far corners of the world gathered together for your viewing amazement!!



Courtyard sale of choice specimen plants for the novice and collector as well as handmade stoneware planters and pots!!

**Potting service will be available along with cultural information
See a great selection of “water wise” plants for landscaping.**

For additional information visit:

www.sdcss.net

If you have trouble finding a parking spot, use the **Balboa Park TRAM**. The free tram provides access to Balboa Park's museums and attractions. You can park in the Inspiration Point lot and wait at Tram Central, a shady arbor with benches. The tram will deliver you to the heart of Balboa Park. Trams pick up every 8 to 10 minutes. Riders may also board at one of the designated pick-up areas around the Park. The tram operates seven days a week from 8:30 am to 6:00 pm.



P.O. Box 968 - Bonsall, CA 92003 PHONE (760) 728-2641 FAX (760) 451-0265 www.waterwisebotanicals.com

More information: [Jamie Higgins](#), Waterwise Botanicals, 760/728-2641
[Debra Lee Baldwin](#), 760/749-6272

**SUCCULENT CELEBRATION AT WATERWISE BOTANICALS,
JUNE 7-8**

North San Diego County's [Waterwise Botanicals](#) nursery will host a two-day Succulent Celebration on Friday and Saturday, June 7-8, 2013.

The first of its kind in southern CA, the event celebrates the beauty of succulent plants in low-water, easy-care landscapes, garden vignettes and container compositions. The event also celebrates and launches Debra Lee Baldwin's new book, [*Succulents Simplified: Growing, Designing and Crafting with 100 Easy-Care Varieties*](#) (Timber Press).

The stellar lineup of speakers includes garden photojournalist and bestselling author [Debra Lee Baldwin](#); plant explorer and hybridizer Kelly Griffin of [Altman Plants](#); and nurserymen/garden designers Tiger Palafox of [Mission Hills Nursery](#), Jeff Moore of [Solana Succulents](#), Michael Buckner of The Plant Man Nursery, and Tom Jesch of [Waterwise Botanicals](#).

Additional highlights include tours of beautiful, low-water gardens; potting demonstrations and workshops; a huge assortment of succulents and low-water plants for sale; experts on hand to answer landscape design and plant-care questions; 20 acres of nursery and display gardens to explore; and vendors offering succulent-themed gifts, container gardens and more.

Hours: 8:00am to 6:00pm both days. Free parking and admission. RSVP required to talk-plants@waterwisebotanicals.com or call (760) 728-2641.

Location: Waterwise Botanicals nursery (formerly Daylily Hill), just off Interstate 15 northwest of the Highway 395 exit (midway between Escondido and Temecula), at 32183 Old Highway 395, Escondido, CA

Photos: Access our [online library](#) of captioned, downloadable high-res images.

SDC&SS MEMBERSHIP APPLICATION / RENEWAL FORM

Dues are \$15.00 per year per individual, and \$5.00 per year for each additional household member. Newsletter is E-mailed. **Mailed paper copies are available for an additional \$5 a year. Each member has all the rights and benefits of the organization.**

Annual Dues
(E-mail Newsletter) \$15.00 _____
(Paper Newsletter) _____
First class delivery USPS \$5.00 _____
Annual Dues – International (Paper) \$30.00 _____
Additional Household Member(s) \$5.00 _____
Amount Enclosed \$ _____

Check **ONE** for type of membership:

NEW _____ **RENEWAL** _____

Member Information:

(Please PRINT to fill in ALL blanks below!!!)

Name: _____

Address: _____

City and State: _____

Zip + 4: _____

Phone Number: _____

Cell/FAX: _____

E-mail Address _____

Additional Household Members: _____

Do you wish to receive E-mail notifications of Club events and issues?

Yes _____ No _____

Mail this form or a copy, along with a check or money order payable in US Funds to SDCSS to:

**SDCSS Membership Dept
c/o Paul Maker
1245 San Pablo Drive
San Marcos CA 92078-4816**

(Rev. E-2, 2012-11-13)

San Diego Cactus & Succulent Society

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Treasurer: **Christine Vargas**

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Membership: **Paul & Carol Maker** pdmaker@roadrunner.com

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Monthly Supply Sales: **George & Jerry Plaisted**

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SD Zoo Safari Park Baja & Old World Gardens: **Chris Miller**

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