



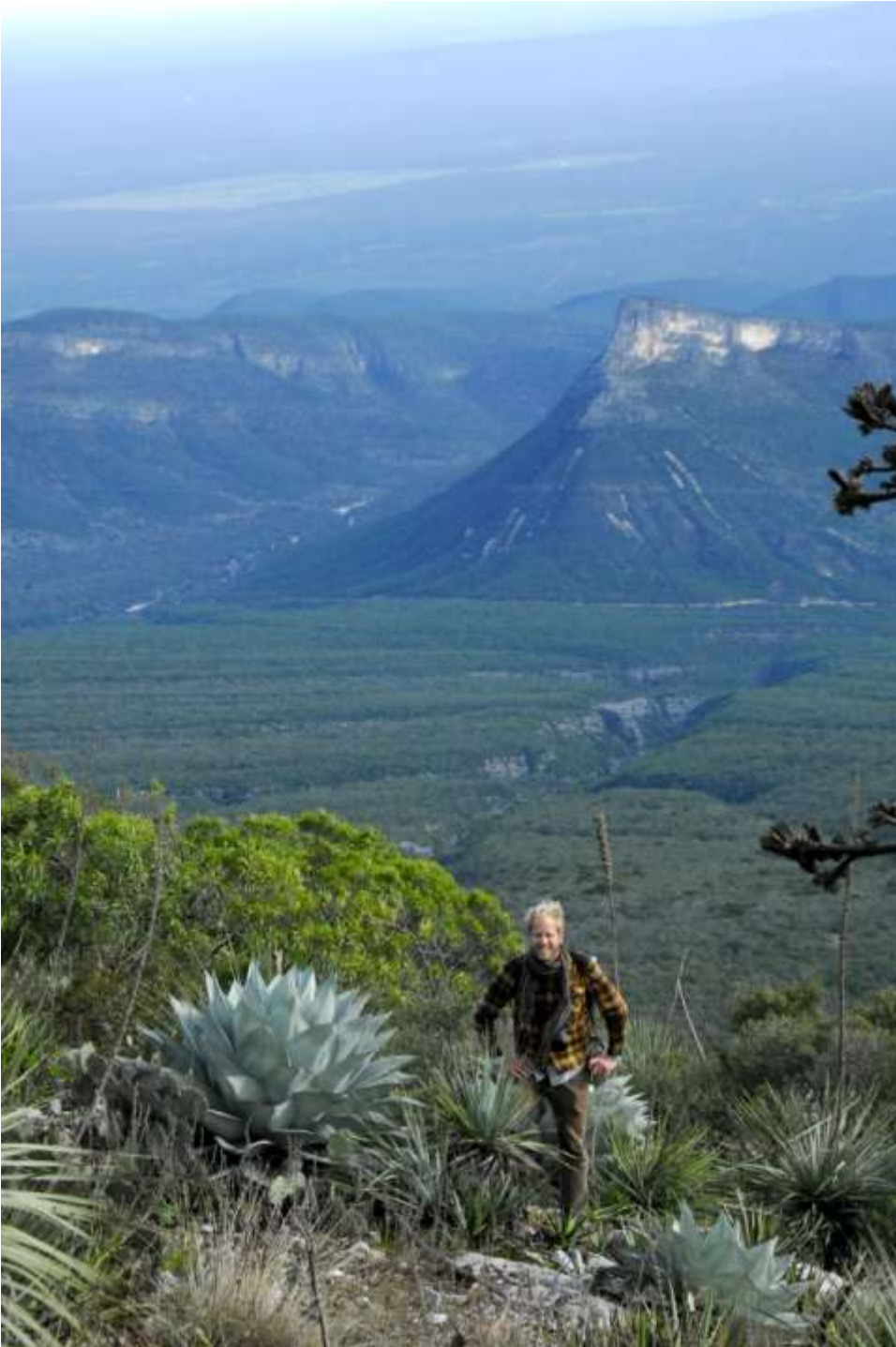
*Mammillaria thomberi*

# Espinas y Flores

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

**Volume 49 Number 2**

**FEBRUARY 2014**



## **Winter Show & Sale February 8, 2014**

9am to 4pm

Room 101 the Prado Bldg  
Balboa Park

See pages 10 thru 13 for  
information on Show  
Schedule, plant lists, and  
the flier for Show & Sale

## **Coffee in the Garden**

Tina & Joe Zucker

February 22, 2014

8am to noon

Solana Beach



**An Adventure  
South of the Border  
Destination Agaves!**  
Article by Kelly Griffin

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## President's Message



The January meeting went well and we did not take the whole day to do it! We managed to take a trip to Cuba and back and not get into any trouble along the way and somehow we finished on time no less. I am sure I missed a few things but hopefully we can catch up on them here.

I want to thank Peggy Katz for an outstanding power point presentation on how to deal with the Agave pest. It was very helpful and informative. I appreciate the time and effort you put in to this.

Thanks go out to Peter Walkowiak for another great workshop prior to our meeting coming to order. I would like to ask if someone (or sometwos!) could help assist Peter in setting up and tearing down the chairs and tables for this...please see Peter on this and help him out so it does not all fall to him! He needs your support.

Our website has been updated and looks terrific. Thanks in no small part to Collette Parr. We really appreciate all the times that you have stepped up and made this club all the better with your skills and talents.

Our Winter Show is in focus now and is only a week away ~ February 8th 2014. I was thinking of calling it our Mid Winter Summer Show as at least at this writing, Winter has been a no show this year!

PLEASE PLEASE PLEASE.....participate and show plants and volunteer....we need you each and everyone of you to show plants and help carry this event off.

We need volunteers for set up on Friday Feb 7th from 4 until 10 and for breakdown on Saturday late afternoon. Please be mindful that we do not get "our" room until after the Turtle Society finishes their meeting Friday evening. Please be respectful of their meeting time as they would ours. WE WILL NEED HELP TO GET THIS TOGETHER FRIDAY EVE!

Mark your Calendars! and I will see you there!

I hope your plants are managing ok with this strange winter we have had. I can only hope that we get some late rain to bring us back towards just a drought year instead of the driest winter on record. It will be a sorry spring I am afraid!

Just for a preview our next regular meeting March 8th will be a visit to..... Madagascar! More on this in the next newsletter.... Kelly Griffin

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### Note to Volunteers:

Set up Friday night can always use help. Show set up will start late Friday afternoon. You can bring your show plants starting at 5pm. Please bring your show plants on Saturday before 9:30 so we can start judging on time.

Saturday morning set up starts at 8, please be there by 7:30 to pick up your badge and get assignments as necessary. You will not be admitted into the sale area without a printed badge before 9 am. If you have not signed up to volunteer, but intend to please contact Chris Miller by phone or e-mail.





## The O'Daniel's Team of Bill and Jean

By Denise Huntsman-Griffin

Married 52 years, this duo works well together. Bill and Jean O'Daniel met at the Naval Hospital in Great Lakes, Illinois. They were both Corpsman and worked as surgical techs in the

operating room. While Jean was in the Navy 4 years, Bill stayed in, still on the medical side, for 30 years. Then, Bill did Civil Service at Balboa Naval Hospital for 20 years and was an analyst and manpower officer (head of staffing), instructor and manager. They lived in Great Lakes for 13 years, Hawaii for 8 years, Concord, CA for 10 years and Poway for the last 19 years. They have 2 sons, one who lives in Folsom, CA and the other one in Kona, HI and they have two grandchildren.



This couple's teamwork moves beyond their family to the world of succulents. The O'Daniel's have been CSSA members for 30 years, Oakland club members for 10 years and Palomar and San Diego club members for the last 19 years. Bill says that Jean is the grower and he is the laborer. Jean is known for her skill at growing *Sansevierias* and in the Summer Show she has won trophies for the best *Sansevieria* 10 times. At home, Bill has built several benches and a shade house for their precious plants (the labor). Their beautiful *Al-oes* and *Agaves* are growing nicely in their yard in the hills of their lovely Poway home. (There are beautiful African Violets growing in their window too).

"B, B and B" they said as they showed me the rooms in their house. We're not talking Bed and Breakfast, but rather, "baskets, bears and books." These are some of the things that Jean likes to collect, not only plants. (I heard she also has a collection of 100 nativity scenes).

For the club they have both been Clerks for the shows for the last 12 years, have done the Summer Show set up and for the last 7 years have mailed the newsletter. Jean has been on the Board for the Palomar club for 4 years and for the San Diego club for 4 years. Bill has done the cooking with Steve at the club's yearly picnic.

From growing to showing to volunteering, Bill and Jean are always a team and we are very lucky to have this couple as members of our club.





# An Adventure South of the Border..... Destination Agaves!

Kelly J Griffin



This fall over the Thanksgiving holiday, I headed off in search of *Agaves* with Jeremy Spath. He had wanted to see a couple of species that he had just not managed to get to on his previous trips. I on the other hand wanted to go back and visit these plants that I had seen before but not for some time. For me it was like going for a visit to see old friends and of course with the added excitement of getting to introduce my “old friends” to my friend Jeremy.

Our trip first took us east towards Arizona and then south into the Mexican state of Sonora entering Mexico south of Why, Arizona. We were headed for the little town of Caborca to the south where *Agave zebra* (fig 1) grows. It is aptly named for the transverse bands of white wax on the leaves that give it its stripes. It grows in the Sierra del Viejo (the old mountains) It is not an easy place to get to as the mountains are a “game preserve”. Now when I say “game preserve” it is not perhaps in the sense that I would like. Big Horn sheep (*Ovis canadensis*) live in these hills and without judging too much there is a contingent of people that like to hunt them

Figure 1 rather than just “shoot” them with cameras. I can say that the people that are running this seem very nice and are trying to keep the hunting take sustainable. Also, I would have to add that they did allow us permission to pass and to see the plants we wanted to. No one shot at us! So thanks due to OVIS Project!



At the top of these mountains in amongst the limestone grows *Agave pelona* (fig 2,3,4). It is a most remarkable looking *Agave* almost defying description. Thank goodness for cameras and pictures! For the most part, the two species do not overlap very much ~ the *Agave zebra* being a component of the mid mountain flora and the *A. pelonas* at the upper most peaks. They are within a stones throw of each other though and occasionally side by side but the flowering times do not overlap much either. I suspect that a hybrid between these two is possible but none were observed and this was my forth time there (although I should add that on one of those trips we were turned away and did not come within a mile of the plants)



Figure 2

Figure 3 After a dream fulfilled day of glorious photo opts of beautiful *Agaves*, we headed south towards Hermosillo and then east towards Chihuahua. We stopped over night in the Ejido of



Figure 4

Bacanora as near to that town it was our hope to see *Dioon sonorensis* f *bacanora* (fig 5) We managed to see a small colony of these *Cycads* but not the large population we had hoped to see. We crossed through the northern part of the Copper Canyon and along the route saw some other *Agaves* of interest, namely *A. bovicornuta*, *A. vilmoriniana* (fig 6), *A. shrevei*, and *A. ocahui* f *longifolia* (fig 7).



Figure 6

We really made a mammoth all day drive from Chihuahua City all the way to the town of Bustamante in Nuevo Leon by way of Saltillo. Here we stayed at the lone and quaint hotel in this lovely small village. The goal was to get to the top of Sierra Lampozos the following day before our super long drive back to San Diego. Mind you that Bustamante is roughly a couple hours south of Laredo, Texas.



Figure 5



## An Adventure South of the Border (cont)

We woke before sunrise, packed up quickly and hit the road. We somehow finagled a way to get through the locked gate that guards the back country dirt road that leads up to the mountain top. After several hours drive on this bumpy rocky road, we finally arrived at our stop very near the top by the old mining operation. The substrate is weathered grey limestone. This is where *Agave ovatifolia* hails from and they are truly magnificent plants. I think the most stunning thing about them is their size but

Figure 8

specifically in terms of leaf width (the common name Whales Tongue is appropriate) and also that the plants are so much wider across than they are tall. A typical plant can be 6+ feet wide but only 2.5 to 3 feet tall. In the garden this makes it a specimen that can be used in the front foreground areas as it does not over grow and become too tall. Additionally, it has a very solitary nature and that too is very pleasing as it will not take over or have to be controlled to keep it where it should be. Before this sounds like too much of an advertisement....it just is simply a really pretty plant (fig 8, 9) It is blue, beautiful, solitary and very cold tolerant likely to 24 or lower. The views from this habitat are just spectacular and beckon you on to hike and explore more. I still think that there is much unknown here to be discovered!

Figure 9



Figure 11

Some other unexpected surprises we found here: *Epithilantha micromeris* (fig 10) looking like nature's version of golf balls and a cool blue colored *Echeveria aff. runyonii?* (fig 11) some as large as dinner plates. On the drive back down the mountain we stopped and observed an attractive starburst green *Hechtia sp.* growing in the limestone rubble.(fig 12)

Mission accomplished! Now we had a rather lengthy border crossing, a very long, long two day drive home!



Figure 7



Figure 10



Figure 12



## Coffee in the Garden at the Zuckers! February 22nd from 8a, to noon

I have been growing plants since I was a teenager back in New York. But of course then it was only houseplants like pathos, jade and mother in-laws tongue. In 1989 we bought our house in Solana beach. My son was 6 years old; I was going to school and running our wholesale/retail dried flower store in the Cedros Design District.

When I began looking for plants, I was told that succulents required less water and care. Thus my passion began. In 2003 we sold our business and I realized I had accumulated about 2000 succulent plants in 4" pots. Joe Kraatz won't remember this but I met him at a plant sale and asked how I could sell. He made sure to tell me that I needed to be a club member and so it began. Hundreds of people as excited about plants as I was, could I ask for anything more?





**For those of you who bake or cook, side dishes and desserts are always welcome at the Show and Sale. See Pam Badger to drop off your goodies**

**Views of the Zucker's Yard**

**Tina will have plants for sale at the Coffee in the Garden**



**The Winter Show and Sale is a BYOB event. Bring Your Own Box. We will have a good number of boxes ready, but it helps if members bring their own so we don't run out.**

## Coffee in the Garden (cont)

We kept all of our succulents in pots until 2007 when I planted my front and side gardens. I have a mix of *Euphorbias*, *Agaves*, *Echeverias*, and *Senecios* in the ground. You might say my claim to fame is my *Senecio kleinia*, blue *Agave*, *Uncarinas*, *Aloe bainesii*, *Tylecodons*, *Brighamias* and pearl bush and others I can't remember at this moment. We also have an area in the periphery of our backyard where we have planted and also an area for plants that just got too big. They are in the back of the house side area. I recently took out an 8' wide by 4' deep *Euphorbia tirucalli* which let it's roots run into our water/sewer line. Always something in the plant world...



Beyond plants I offer hugs, hospitality, snacks, and coffee in the garden.

So join Joe and me. We look forward to seeing you there rain or shine, but hopefully shine.

552 Seabright Lane Solana Beach. Located around the corner from the Solana Beach Amtrak Station. Lomas Santa Fe Dr. exit off the five, go west off the freeway make a right on Rios, left on Cliff and a right on Seabright Lane

Succulent Gardening [www.succulents.us](http://www.succulents.us) Email: [succulentsus@gmail.com](mailto:succulentsus@gmail.com) 858 342 9781

## Cactus & Succulent Calendar of Upcoming Events for 2014

**Feb 8:** San Diego Cactus and Succulent Society, Winter Show & Sale Balboa Park, Room 101, San Diego, Ca—Info 858-382-1797

**Mar. 28-30:** Orange County Cactus and Succulent Society Spring Show & Sale. Fri. And Sat. Mar. 28-29 9-5pm Sun. Mar. 30th 12-4pm. 1000 S. State College Bl., (Anaheim United Methodist Church) Anaheim, Ca, Information Call 562-587-3357

**Apr 12-13:** South Coast Cactus and Succulent Society Show & Sale South Coast Botanic Garden, 26300 Crenshaw Blvd., Palos Verdes, Ca Info: 310-378-1953

**Apr 18, 19 & 20:** Sonoran X Conference Hotel is Tucson City Center Inn Suites Conference Suite Resort • 475 N. Granada Avenue, Tucson, Arizona. [See Http://Tucsoncactus.Org/Pdf\\_Files/Sonoran\\_X\\_Conference\\_Event\\_Schedule.Pdf](http://Tucsoncactus.Org/Pdf_Files/Sonoran_X_Conference_Event_Schedule.Pdf) For Conference Details

**Apr 19-20:** Green Scene Plant Sale—At the Fullerton Arboretum, 1900 Associated Road, Fullerton, Ca 92831

**Apr 27:** Huntington Plant Sale, 10 To 5, Huntington Botanical Gardens, 1151 Oxford Road, San Marino, Ca. 626-405-2160

**May 4:** South Bay Epiphyllum Society Show And Sale--9am To 4pm, South Coast Botanical Gardens, Information Call-310-833-6823

**May 3-4:** Sunset Cactus And Succulent Society Show And Sale, Veterans Memorial Center, Garden Room 4117 Overland Ave, Culver City, Ca. Info. 310-822-1783

**May 16-17:** Gates Cactus And Succulent Society 33rd Show & Sale Fri & Sat 9-4:30 Pm Info. At Land Scapes Southern California Style, 450 Alessandro Blvd. Riverside CA Info 951-360-8802

**May 17-18:** Long Beach Cactus Club Plant Show & Sale, 10am-5pm, Rancho Los Alamitos, 6400 Bixby Hill Road, Long Beach, For Info. Call 310-922-6090 —[www.lbccs.org](http://www.lbccs.org)

**May 24-25:** Central Coast Cactus & Succulent Society Annual Show & Sale (10-4pm), Ludwick Center, 864 Santa Rosa, San Luis Obispo, Ca – Info. 805-237-2054, [www.centralcoastcactus.org](http://www.centralcoastcactus.org)

**June 7-8:** San Diego Cactus And Succulent Society Summer Show And Sale, Balboa Park, Room 101, San Diego, Ca. Info: 858-382-1797



## January 2014 Brag Table Winners

Judged by Kelly Griffin

### CACTUS

#### Novice

1<sup>st</sup> Place, Muriel King – *Mammillaria elongate* crest

2<sup>nd</sup> Place, Lois Walag – *Rhipsalis cereuscula*

3<sup>rd</sup> Place, Deya Wilson – *Ferocactus* 'Santa Maria'

3<sup>rd</sup> Place, Jacky Rynicki – *Opuntia* 'xmas cactus'



#### Intermediate

1<sup>st</sup> Place, Candy & Jerry Garner – *Mammillaria perezdelrosae*

2<sup>nd</sup> Place, Candy & Jerry Garner – *Mammillaria decipiens*

3<sup>rd</sup> Place, No entry form

#### Advanced

1<sup>st</sup> Place, Phyllis Flechsig – *Mammillaria plumosa*

2<sup>nd</sup> Place, Jürgen Menzel – *Melocactus perezassoi* (Cuba)

3<sup>rd</sup> Place, Jürgen Menzel – *Neobesseua cubensis* (Cuba)



### SUCCULENTS

#### Novice

1<sup>st</sup> Place, Muriel King – *Echeveria* 'Tippy'

2<sup>nd</sup> Place, Craig La Caille – *Titanopsis*

3<sup>rd</sup> Place, Sue Thomas – *Aeonium sedifolia*

#### Intermediate

1<sup>st</sup> Place, Kienan Parr – *Sedum suaveolens*

2<sup>nd</sup> Place, No entry form

3<sup>rd</sup> Place, Candy & Jerry Garner – *Massonia c.f. depressa*

#### Advanced

1<sup>st</sup> Place, No entry form

2<sup>nd</sup> Place, Tina Zucker – *Dudleya brittonii*

3<sup>rd</sup> Place, Peter Walkowiak – *Tylecodon ventricosus*



Submitted by Candy Garner





**Help Wanted:** In order to run an organization the size of SDCSS we need lots of volunteers. It is a great way to get to know other people in the organization and to give back to SDCSS. We have several positions that need you.

We are forming a Committee for the Sale to help spread the work and responsibility. The following openings are available:

**Box Czar:** to round up boxes and manage their availability during the event

**Sale Security Chair:** to manage the volunteers providing security to the sale

**Signage Chair:** to develop and post signs for the sale

**Sales Volunteer Chair:** to recruit and manage the volunteers working the sale

These people plus Jim DeForest as Cashier Team Chair and Chris Miller as Vendor Liaison and Committee Chair will form the committee.

The SDCSS Board received many suggestions after the last sale. While the sale was a success with outstanding sales, we can always improve the experience for our members and customers. This committee will work to make that happen. Contact Chris Miller if you are interested.

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## Old World Succulent Garden at the SD Zoo's Safari Park Update

By Susan Lafreniere

The *Aloe dichotomas*, those other-worldly tree aloes, are in bloom at the Old World Gardens of the Safari Park. And so are a whole host of other *Aloes*. The volunteers at the Park are telling visitors to not miss this seasonal attraction.

We have asked club members for donations and have been well rewarded. We have areas that still need plants, the "river bed" and a hill where the sun is too hot for the current *Aloes*. Some people have asked what we need, so here is a short list of plants we don't have represented or have only one or two of. The "wish list" may grow, and you are welcome to make suggestions as long as the plants originate in the Old World of Africa, Madagascar, Canary Islands, Arabian peninsula, or Mediterranean coast.



*Bismarckia nobilis* (from the palm and cycad family), *Adansonia* (baobabs), *Aloe ferox*, *Aloe plicatilis*, *Aloe traskii*, (Grass Aloes), *Bulbine*, *Euphorbias* (small sizes like *obesas*), *Gasteria*, *Gasteraloe*, *Gaster Hawthoria*, *Fockea*, *Kalanchoe*, *Lampranthus* (ice plant), *Sansevieria*, *Sedum*, *Senecios*.

At the moment, some plants such as *Adenia* (elephant's foot), *Aeonium*, *Haworthia*, and *Portulacaria afra*, may not be suitable because they are delicious food for the animals that walk through.



# Winter Cactus and Succulent Show and Sale

Presented by

*The San Diego Cactus and Succulent Society*

## February 8, 2014

10:00 am to 4:00 pm

Room 101 and Adjacent Patio Area

Casa del Prado

Balboa Park, San Diego

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

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

Members only shopping from 9 to 10

For additional information visit: [www.sdcss.net](http://www.sdcss.net)  
Payments now accepted on-line





## 2014 WINTER SHOW SCHEDULE, AWARDS, AND RULES

### SCHEDULE FOR FRIDAY FEBRUARY 10, 2014

2:00pm to 10:00pm Set up. BRING IN YOUR SHOW PLANTS after 5:00pm

### SCHEDULE FOR SATURDAY FEBRUARY 11, 2014

|                    |   |
|--------------------|---|
| 8:00am to 10:00am  | Set up, OUT-OF-TOWNERS, BRING IN YOUR PLANTS!                 |
| 9:00am to 10:00am  | Sales open to members only                                    |
| 10:00am            | Sales open to public  |
| 10:00am            | Show Opens  |
| 10:00am to 11:00am | Judging, open to the public, show area being judged is closed |
| 4:00pm             | Show and Sales Close  |

### AWARDS

NOVICE (Fewer than 10 Blue Ribbons won in judged competition. Use new-format PINK entry cards)

- Best Cactus
- Best Succulent
- Best Winter Grower

ADVANCED (10+ Blue Ribbons won in judged competition. Use new-format PURPLE entry cards)

- Best Cactus
- Best Succulent
- Best Winter Grower

BEST OF SHOW (Novice or Advanced)

Certificates showing past winners and a picture of the winning plant will be presented for each award. First, Second, and Third Place Ribbons will be awarded in all categories for both Novice and Advanced entrants.

### RULES

- 1) Participants must be members of the SDCSS.
- 2) Entries must be in the possession of exhibitors for at least six months. Plants must be clean, (no weeds or debris), healthy (no insects, disease or pesticide odor) and dry. Plant labels should be removed or hidden. Exhibitors are responsible for placing entry cards with plants prior to judging. The show committee may remove any entry that distracts from or jeopardizes the health of other entries.
- 3) Plants must be individually potted specimens except category #65, Dish Gardens.
- 4) Depending on number of entries, prior to judging, the show committee may combine or divide categories and rearrange entries. The show area will be PARTIALLY closed during judging, on a section-by-section basis. Judging will be open to the public. Plants must remain until end of show.
- 5) Entries are judged on:
  - a) Condition, size, maturity and difficulty of culture: 70%
  - b) Staging - pot, top dressing, arrangement, cleanliness: 25%
  - c) Nomenclature: 5%

Awards are given only if the judges believe they are merited, and all decisions are final.

- 6) The SDCSS and Show Committee will take due care to safeguard entries but cannot be held responsible for damage to, or loss of, plants and property.

## DIVISION 1: CACTACEAE

### North American Cacti

- 1) *Ariocarpus*, *Astrophytum*
- 2) *Aztekium*, *Pelecypora*, *Epithelantha*,  
*Strombocactus*, *Obregonia*,  
*Encephalocarpus*, *Ortegocactus*
- 3) *Coryphantha*, *Escobaria*, *Neobesseya*,  
*Neolloydia*, *Luechtenbergia*
- 4) *Gymnocactus*, *Turbinocarpus*, *Stenocactus*
- 5) *Echinocereus*
- 6) *Echinocactus*, *Ferocactus*, *Hamatocactus*
- 7) *Mammillaria*; hooked spines
- 8) *Mammillaria*; straight spines
- 9) *Thelocactus*, *Sclerocactus*, *Pediocactus*

### South American Cacti

- 10) *Blossfeldia*, *Frailea*, *Uebelmannia*
- 11) *Buiningia*, *Discocactus*, *Melocactus*

- 12) *Copiapoa*
- 13) *Echinopsis*, *Lobivia*
- 14) *Eriosyce*, *Neochilenia*, *Neoporteria*,  
*Pyrrhocactus*, *Horridocactus*
- 15) *Gymnocalycium*
- 16) *Notocactus*, *Parodia*, *Acanthocalycium*
- 17) *Rebutia*, *Sulcorebutia*, *Weingartia*
- 18) *Matucana*, *Submatucana*, *Oroya*, *Borzicactus*

### Other cacti

- 19) Cereoids, columnar types
- 20) Opuntioideae
- 21) Epiphytic cacti
- 22) Variegates, crests and monstrose
- 23) Other Genera

## DIVISION 2: NON-CACTUS SUCCULENTS

### Aizoaceae

- 24) *Lithops*, *Conophytum*
- 25) *Pleiospilos*, *Titanopsis*,  
*Dinteranthus*, *Faucaria*
- 26) *Mestoklema*, *Aloinopsis*, *Trichodiadema*

### Asphodelaceae

- 27) *Aloe*
- 28) *Gasteria*
- 29) *Haworthia*, *Astroloba*

### Crassulaceae

- 30) *Cotyledon*, *Tylecodon*
- 31) *Crassula*, *Kalanchoe*
- 32) *Dudleya*
- 33) *Echeveria*
- 34) *Pachyphytum*, *Graptopetalum*, *Tacitus*
- 35) *Aeonium*
- 36) *Sedum*, *Adromischus*

### Euphorbiaceae

- 37) Leaves, no spines: *decaryi*,  
*capsaintemariensis*, *bupleurifolia*
- 38) Leaves and spines: *millii*, *gottlebei*,  
*viguieri*, *unispina*
- 39) No leaves or spines: *caput-medusa*,  
*inermis*, *esculenta*, *obesa*
- 40) Spines, no leaves: *stellispina*,  
*horrida*, *ferox*, *stellata*, *clavigera*
- 41) *Monadenium*, *Jatropha*, *Pedilanthus*

### Geraniaceae

- 42) *Pelargonium*
- 43) *Sarcocaulon*

### Apocynaceae

- 44) *Adenium*
- 45) *Pachypodium*

### Asclepiadaceae

- 46) *Fockea*, *Petropentia*, *Raphionacme*

- 47) *Caralluma*, *Hoodia*, *Huernia*, *Stapelia*

### Agavaceae

- 48) *Agave*
- 49) *Nolina*, *Yucca*, *Beaucarnea*, *Calibanus*

### Asteraceae

- 50) *Senecio*
- 51) *Othonna*

### Bromeliaceae

- 52) *Abromeitiella*, *Dyckia*

### Burseraceae

- 53) *Bursera*, *Commiphora*

### Didiereaceae

- 54) *Alluaudia*, *Didierea*

### Dracaenaceae

- 55) *Sansevieria*, *Dracaena*

### Moraceae

- 56) *Ficus*, *Dorstenia*

### Passifloraceae

- 57) *Adenia*

### Portulacaceae

- 58) *Avonia*, *Anacampseros*, *Ceraria*

### Caudiciforms, Pachycauls, Geophytes

- 59) *Bombax*, *Cucurbits*, *Fouquieria*,  
*Dioscorea*, *Pachycormus*
- 60) Other Genera
- 61) Bulbs
- 62) Variegates, crests and monstrose
- 63) Succulent bonsai
- 64) Seed grown by exhibitor, cactus or succulent
- 65) Dish Gardens



## Alphabetic Plant List

| #  | Species                |
|----|------------------------|
| 51 | Abromeitiella          |
| 16 | Acanthocalycium        |
| 56 | Adenia                 |
| 43 | Adenium                |
| 35 | Aeonium                |
| 47 | Agave                  |
| 53 | Alluaudia              |
| 27 | Aloe                   |
| 26 | Aloinopsis             |
| 57 | Anacampseros           |
| 1  | Ariocarpus             |
| 29 | Astroloba              |
| 1  | Astrophytum            |
| 57 | Avonia                 |
| 2  | Aztekium               |
| 48 | Beaucarnea             |
| 10 | Blossfeldia            |
| 58 | Bombax                 |
| 18 | Borzicactus            |
| 11 | Buiningia              |
| 60 | Bulbs                  |
| 52 | Bursera                |
| 48 | Calibanus              |
| 46 | Caralluma              |
| 57 | Ceraria                |
| 19 | Ceroids columnar types |
| 52 | Commiphora             |
| 24 | Conophytum             |
| 12 | Copiapoa               |
| 3  | Coryphantha            |
| 30 | Cotyledon              |
| 31 | Crassula               |
| 22 | Crests Cactus          |
| 61 | Crests Succulent       |
| 58 | Cucurbits              |
| 53 | Didierea               |
| 25 | Dinteranthus           |
| 58 | Dioscorea              |
| 11 | Discocactus            |
| 64 | Dish Gardens           |
| 55 | Dorstenia              |
| 54 | Dracaena               |
| 32 | Dudleya                |
| 51 | Dyckia                 |
| 33 | Echeveria              |
| 6  | Echinocactus           |
| 5  | Echinocereus           |
| 13 | Echinopsis             |
| 2  | Encephalocarpus        |

| #  | Species                      |
|----|------------------------------|
| 21 | Epiphytic cacti              |
| 2  | Epithelantha                 |
| 14 | Eriosyce                     |
| 3  | Escobaria                    |
| 36 | Euphorbia bupleurifolia      |
| 36 | Euphorbia capsaintemariensis |
| 38 | Euphorbia caput-medusa       |
| 39 | Euphorbia clavigera          |
| 36 | Euphorbia decaryi            |
| 38 | Euphorbia esculenta          |
| 39 | Euphorbia ferox              |
| 37 | Euphorbia gottlebei          |
| 39 | Euphorbia horrida            |
| 38 | Euphorbia inermis            |
| 37 | Euphorbia milli              |
| 38 | Euphorbia obesa              |
| 39 | Euphorbia stellata           |
| 39 | Euphorbia stellispina        |
| 37 | Euphorbia unispina           |
| 37 | Euphorbia viguieri           |
| 25 | Faucaria                     |
| 6  | Ferocactus                   |
| 55 | Ficus                        |
| 45 | Fockea                       |
| 58 | Fouquieria                   |
| 10 | Frailea                      |
| 28 | Gasteria                     |
| 34 | Graptopetalum                |
| 4  | Gymnocactus                  |
| 15 | Gymnocalycium                |
| 6  | Hamatocactus                 |
| 29 | Haworthia                    |
| 46 | Hoodia                       |
| 14 | Horridocactus                |
| 46 | Huernia                      |
| 40 | Jatropha                     |
| 31 | Kalanchoe                    |
| 24 | Lithops                      |
| 13 | Lobivia                      |
| 3  | Luechtenbergia               |
| 7  | Mammillaria; hooked spines   |
| 8  | Mammillaria; straight spines |
| 18 | Matucana                     |
| 11 | Melocactus                   |
| 26 | Mestoklema                   |
| 40 | Monadenium                   |
| 22 | Monstrose Cactus             |
| 61 | Monstrose Succulent          |
| 3  | Neobesseya                   |

| #  | Species                           |
|----|-----------------------------------|
| 14 | Neochilenia                       |
| 3  | Neolloydia                        |
| 14 | Neoporteria                       |
| 48 | Nolina                            |
| 16 | Notocactus                        |
| 2  | Obregonia                         |
| 20 | Opuntioides                       |
| 18 | Oroya                             |
| 2  | Ortegocactus                      |
| 23 | Other Cactus Genera               |
| 59 | Other Succulent Genera            |
| 50 | Othonna                           |
| 58 | Pachycormus                       |
| 34 | Pachyphytum                       |
| 44 | Pachypodium                       |
| 16 | Parodia                           |
| 40 | Pedilanthus                       |
| 9  | Pediocactus                       |
| 41 | Pelargonium                       |
| 2  | Pelecyphora                       |
| 45 | Petopentia                        |
| 25 | Pleiospilos                       |
| 14 | Pyrrhocactus                      |
| 45 | Raphionacme                       |
| 17 | Rebutia                           |
| 54 | Sansevieria                       |
| 42 | Sarcocaulon                       |
| 9  | Sclerocactus                      |
| 35 | Sedum                             |
| 63 | Seed grown by exhibitor Cactus    |
| 63 | Seed grown by exhibitor Succulent |
| 49 | Senecio                           |
| 46 | Stapelia                          |
| 4  | Stenocactus                       |
| 2  | Strombocactus                     |
| 18 | Submatucana                       |
| 62 | Succulent bonsai                  |
| 17 | Sulcorebutia                      |
| 34 | Tacitus                           |
| 9  | Thelocactus                       |
| 25 | Titanopsis                        |
| 26 | Trichodiadema                     |
| 4  | Turbinocarpus                     |
| 30 | Tylecodon                         |
| 10 | Uebelmannia                       |
| 22 | Variegates Cactus                 |
| 61 | Variegates Succulent              |
| 17 | Weingartia                        |
| 48 | Yucca                             |

**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)**

Please address correspondence to:  
The San Diego Cactus & Succulent Society  
P.O. Box 33181 San Diego, Ca 92136-3181

## *San Diego Cactus & Succulent Society*

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A San Diego Sunset shot by Cynthia Robinson from Arizona