



# *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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**July 2010**



**Program: Matt Maggio**

**“Pest Management & Matt’s Top Ten Succulent  
Pests”**

**Plant of the Month: Art Cooley**

**“Dudleya”**

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**“Stapeliads of Southern Africa and Madagascar ”**

**By Peter V. Bruyns**

**Photos and Results from the Summer Show**

**Saturday, July 10, 2010**

**Casa Del Prado, Room 101**

**Balboa Park**

# PRESIDENT'S MESSAGE

21 June 2010



It's the first day of summer and I spent the morning on my hill cutting back agaves, trimming the palm tree, and pulling some persistent weeds. I even attacked an ancient Donkey Tale *Sedum* and it is now in 15 pots waiting to root.

Another great Show and Sale weekend! An excellent show, a great sale, interesting displays, wonderful weather, and an incredible group of



The Trophy Table



The Sales Area

volunteers make for a very smooth flowing weekend. Thirty eight vendors shared their plants, pots and books, and Mr. Fertilizer was there to share his information in the Educational Display area. An event like this is impossible to do if one of the

elements is missing and hard to do if one of the elements does not work well. In this case everyone worked well and we all had a good time doing it!

Without our vendors we would not be able to bring in the great speakers at our meetings, our Holiday party would be a potluck, and our library wouldn't exist. And the dues would have to go up. So thank you to all our vendors. The diversity of plants and pots made the shopping easier and harder, depending on how much control the buyer was trying to use.

Without our volunteers it would be impossible to have such an event. From Friday's set up through breakdown on Sunday evening we had lots of help. Set up on Friday started out slow and built to a steady flow of plants and people. **Tom DeMerritt** and his crew set up the shade cloth and the canopies on Friday morning, which left much less for them to do Saturday morning. The tables arrived on time Saturday morning and we had lots of help setting them up. Most of the vendors were set up and ready by 8:30. **Jim DeForest** lead the cashier teams through some adversities to success. Many thanks to the security team that worked in the sales area. The vests helped indicate who they were. We still don't have it perfect but we came close. Once again the members-only shopping helped with the flow of early traffic through the show area. We signed up over 50 new members at the show and sale, which puts our membership total over 500 members. Hopefully the new members will come to our meetings and find out what a great organization this is!

As usual, **Peter Walkowiak** brought a truckload of incredible plants to the show. While all the plants at the show were great and I spent some time just walking through and enjoying them, the thing that excited me the most was that we had 25 different people enter plants in the green (Novice) category. In all 66 members showed plants this year (some of them are couples so the number is actually larger). We had three teams of Judges this year and the judging went a bit faster. **Woody Minnich** and **Buck Hemenway** judged the cactus, **Petra Crist** and **Larry Grammer** judged the succulents, and **Mark Fryer** and **Matt Maggio** judged the novice categories. Thanks to **Susan Hopkins** and the volunteer judges clerks that worked into the evening hours to support the judging.

The kitchen team leaders, **Pam Badger** and **Carol Jean Wolcott** did a



great job holding down the most important job – feeding us. They fed us breakfast and lunch both days and **Pam** handled the Judge's Dinner Saturday night.

**Pam Badger** also chaired the Educational Displays. This was our first year doing this and I think it was a good experiment. We have some ideas of how to improve it for next year. We are looking for a permanent Educational Chair (**Pam** got drafted and did a great job after she came back from India.) Next time we will develop exhibitor agreements and have more structure.

The list of volunteers would fill several pages. From security to sales to greeting plus giving talks our membership really pulled through to make this a great event. Thank you so much for all you do!

The May meeting was great. **Woody Minnich, Kelly Griffin** and **Peter Walkowiak** held a staging roundtable discussion that gave us lots of ideas on how to stage our plants for the show and what the judges look for. We will try to start doing workshops before the meeting on these kinds of topics so everyone can learn. Anyone want to volunteer to set them up?

**Woody Minnich's** talk took us to Rio Grande Do Sul, Brazil and we enjoyed the plants and architecture of the area.

Thank you all for making this a great organization to be part of.

Chris Miller



The Educational Display Area



Woody, Kelly and Peter discussing staging



*Notocactus mammulosus* from Rio Grande Do Sul, by **Woody Minnich**

## Program

### “The Hungry Hungry Mealy Bug Pest Management & Matt's Top Ten Succulent Pests” Matt Maggio



Since the tender age of six, cacti and succulents have been my intense passion. What began as a hobby, took a serious career turn in early 2001 when choosing Cal Poly San Luis Obispo as my venue for higher education. In the process of earning a Bachelor's Degree in Environmental Horticulture Science from this university, my general knowledge of plants grew by leaps and bounds. Such cognition was then applied to my underlying experience with succulents, which had been amassing on the side all along. Furthermore, this combination of formal education and years of hands-on experience has lent guidance throughout my xeric nursery and landscape design practices. Take the aspect of pest control for example; combine several college courses in pest management, the process of obtaining and maintaining a Qualified Applicators Certificate (QAC) and twenty years of growing succulents; not only do I possess much experience in this area of my career, I am also fortunate in having the ability to share the topic of succulent pest control in the form of a program.

Be sure to have a pen and paper in hand for this 'crash course' in pest management. More specifically, this program will cover integrated pest management principles as related to common succulent pests. Diseases and other maladies are best reserved for another program; this presentation will spotlight the creepy crawly pests, including scales, mites, mealybugs and more! Before counting down my top ten list of succulent pests, a strong foundation of principles will be constructed. Moreover, an integrated management approach combining cultural, physical, biological and chemical pest controls will be explained. In addition, sample topics of discussion include pesticide resistance, pest monitoring, phytotoxicity and understanding the pesticide label. Altogether, this will be similar to a college course, without the final exam! The only test will be keeping *your* plants clean.



The mealy bug, photo by Michael Masiuk

# plant of the Month

*Dudleya*

Art Cooley



If the San Diego Cactus and Succulent Society were to choose an iconic genus to represent it, *Dudleya* would be at the top of the list because we are at its epicenter of distribution. But that is not the main reason I chose the *Dudleya* for the Plant of the Month.

In 1803, six years before **Darwin** was born, the first *Dudleya* was named by **Harworth** as *Cotyledon caespitosa*. Another *Dudleya* was described in 1811 as *Sedum cotyledon* and in 1840 another as *Echeveria pulverulenta*. For a century, the *Dudleyas* roamed in the wilderness unaware of their true identity. In 1903, **Britton** and **Rose** named the genus, *Dudleya*, and, while they were at it, they recognized 60 species of which 41 were new species. The 'splitters' were on a roll and 'thievery' from related genera was the rule of the day.

The limited tools of taxonomy in the 19<sup>th</sup> century underscored the difficulty of understanding what a species was. It was a time of burnishing one's reputation by naming as many species as possible, while revealing how little was understood about what made a species. Today the confusion is reduced by new technology like DNA analysis, but determining what a species is can be just as contentious. It is still hard to identify a *Dudleya*.

The taxonomic dust settled a bit when **Reid Moran** revised the genus in his 1951 PhD thesis. He slashed some of the underbrush and reduced the 60 species to 38. And, then, in 2003, in the Illustrated Handbook of Succulent Plants, **Joachim Thiede** reduced the species number to 35. In a 2004 issue of the Cactus and Succulent Journal, devoted solely to *Dudleya*, **Thiede** listed 55 species of *Dudleya* after 9 species of *Stylophyllum* and 4 species of *Hasseanthus* were subsumed into the genus *Dudleya*. *Dudleyas* have now gone from wandering around in other genera to welcoming closely related relatives into theirs. The 'lumpers' are now in charge.



The oldest specimen of a *Dudleya* in the San Diego Natural History Museum collection, *D. lanceolata*, collected May, 1874 by Cleveland. Photo by Art Cooley.

Ever since **Darwin**, taxonomists have tried to put species together so they would have a biologically common ancestry and, therefore, show their evolutionary relationship. Sometimes this is confusing because two species which grow under similar selection pressures come to look alike even though they have different biological origins. In the plant world, some cacti look like some euphorbs or vice versa, despite the fact that each evolved, almost exclusively, on different continents. In birds, the similarities of the now extinct great auk and a penguin are dramatic, but they are unrelated and lived at opposite ends of the earth. These are examples of what is called convergent evolution. Taxonomists, therefore, have sought characteristics that are primitive and conservative; those that are less likely to change over time. Flowers became the major delineators, but determinations by flowers alone are sometimes inadequate.

Another scientist, **Charles Uhl** of Cornell University, working with **Reid Moran** of San Diego Natural History Museum, used chromosome analysis to understand species relationships. Each species has a characteristic number. That number is called the diploid number, the paired number. Humans have 46; 23 from your mother, 23 from your father, each is called a haploid number. Two haploids make a diploid. One pollen grain, haploid, and one egg, haploid, makes a diploid seed. When **Uhl** examined *Dudleyas*, he found that the haploid number was 17,  $n=17$ . Surprisingly, a few species have shown up with haploid numbers of 34 or 51 showing that the *Dudleyas* still have a few surprises. These forms are called polyploids. This is a not an uncommon phenomenon and doesn't alter the plant as a *Dudleya*, but it may create a new species. Until us amateurs have chromosome detection kits, telling a *Dudleya* may remain a mystery. Did I say the dust was settling?

**Charles Uhl** had believed that the *Dudleyas* were descendents of an ancestral *Echeveria*. He noted that many genera in Crassulaceae, the family both *Echeveria* and *Dudleya* belong to, produced hybrids leading him to say that, "the Mexican Crassulaceae have no morals at all." While crosses of *Echeverias* were easy, crosses of *Echeverias* and *Dudleyas* were impossible, suggesting that they were not closely related. He finally concluded that the *Dudleyas* didn't derive from more inland, Mexican species of *Echeverias*. He then tried crossing *Dudleyas* and was able to create suc-



Bev Grant's *Dudleya brittonii*.

successful hybrids. Needless to say this poses problems in identifying *Dudleyas*. It also raises the possibility that hybrids will result when non-native *Dudleyas* are planted in ranges of locally restricted native *Dudleyas*. **Charles Uhl** concluded that *Dudleyas* are descendant from a species from further north and also noted that "their morals have not improved."

Species of *Dudleya* range mainly along the coast from Oregon to the tip of Baja with a few inland as far as Arizona. Most of them live in rocky terrain clinging to cliff faces where it seems they can survive the rough conditions. They are slow growing and low lying which in richer and moister habitats would put them at a disadvantage as they would be covered by more luxuriant growing plants. It will then come as no surprise that the harsher habitats of the offshore islands provide perfect habitat, dry, rocky outcrops and a minimum of competing vegetation. And, they occur on every island starting with the eight islands of the Channel Island group and continuing down the coast into Mexico; the Coronados, Islas de Todos Santos, Isla San Martin, Islas San Benito, Isla Cedros, Isla Natividad, Isla Magdalena and then around into the Gulf of California to the two southern most islands, Cerralvo and Espiritu Santo, and even to Isla Guadalupe 150 miles off Baja in the open Pacific. Each island has at least one species of *Dudleya*.

Had **Darwin** come to the eight islands of the Channel Islands, instead of the Galapagos, in 1837, and had he known about *Dudleyas*, they could have given him the same insight the finches did into the theory of evolution. If that were true, **Darwin's** *Dudleyas* might now be as famous as **Darwin's** finches. And, this would have made *Dudleyas* a shoo-in for the iconic plant of the San Diego Cactus and Succulent Society.

## Brag Table Changes

We will now have three categories of competition at the Brag Table each month. They are the same divisions that we have for our summer show.

Novice – Green Cards – (fewer than ten blue ribbons won in competition)

Intermediate – Yellow cards (ten or more blue ribbons)

Advanced – blue cards (professional and advanced growers)

The brag table will be judged before the meeting starts to save time, so you must have your plants at the meeting by 12:30.

First, second and third coupons will be awarded in each category for succulents and for cactus.

This will be a good way to get feedback on your staging and plants before the next show and practice through the year.

## May 2010 - BRAG TABLE WINNERS

Judged by

**Woody Minnich, Kelly Griffin and Peter Walkowiak**

### CACTUS

#### Novice

1st Place, **Ed Wirth** - *Trichocereus Daemonomania*

2nd Place, **Ed Wirth** - *Trichocereus huascha*

#### Intermediate

1st Place, **Carol Maker** - *Copiapoa krainziana*

2nd Place, **Carol Maker** - *Strombocactus disciformis*

3rd Place, **Allen Clark** - *Notocactus scopa*

#### Advanced

1st Place, **Kelly Griffin** - *Astrophytum myriostigma*

2nd Place, **Peter Walkowiak** - *Mammillaria melaleuca*

3rd Place, **Phyllis Flechsig** - *Acharagma roseanum*

### SUCCULENTS

#### Novice

1st Place, **Gene Walkowiak** - *Cissus cactiformis*

2nd Place, **Bev Grant** - Crested *Echeveria*

3rd Place, **Pat Bryan** - *Sinningia cardinalis caudiciform*

#### Intermediate

1st Place, **Allen Clark** - *Fouquieria macdougallii*

2nd Place, **Elibet Marshall** - *Euphorbia millii*

3rd Place, **Elibet Marshall** - *Dudleya candida*

#### Advanced

1st Place, **Rudy Lime** - *Pachypodium succulentum x bispinosum*

2nd Place, **Phyllis Flechsig** - *Adromischus marianae v. herrei*

3rd Place, **Peter Walkowiak** - *Adenium obesum* hybrid

Submitted by **Candy Garner**



**Snacks for the Break:** Those with last names beginning with N through Z, please bring a snack to share at the break.



## From the Library chair

Don Hunt

### Stapeliads of Southern Africa and Madagascar

Volumes 1 and 2

by Peter V. Bruyns

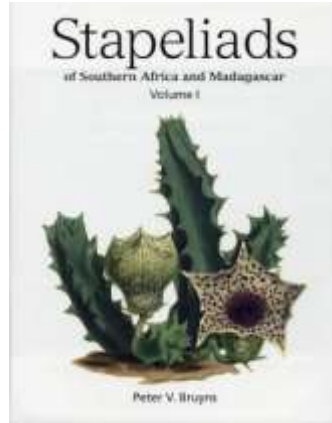


After spending a couple of months with this two volume set, I could only think what a marvelous technological age we live in that can produce something like this. These plants must have required huge investments in time to simply find. The jacket note states the books are the result of 25 years of research.

I like to think of the passion historical botanists felt to endure the hardships of early research. Here is the object of their passion requiring no more from us than a comfortable chair and a few hours free from the machine. I surely am drawn to attempting to grow some of these plants, which always means the book has succeeded on one level. I can't imagine making the effort to see a lot (or any) of the plants in the field. In any case, however, seeing the entire group presented in such a work is an entirely different experience to be savored by one who has a serious love for strange plants. These are definitely some of the strangest.

The cultural information is only given generically, but each species has a "history" paragraph, which describes the people who discovered and classified the plants. For anyone who is drawn to trying *Stapeliads*, the range maps will give valuable clues about growing conditions. *Stapeliads* are grown more for their (extremely) strange flowers, many of which are famously pollinated by flies. All the plants detailed in the book have very good, full color pictures of the flowers. It's amazing just to leaf through these volumes looking at the flower pictures.

Occasionally when reading, my reaction to a book is simply "well done!". This is such an effort. Since *Stapeliads* are rarely collected or shown by hobbyists, I would encourage members of our club to check this one out.



## Librarian Notes

Don Hunt

Don't forget that we have books that are not in the bookcase we bring out every meeting. If you have an interest in looking for something special, say researching for a plant of the month talk, chase me down and we'll go over to the other room and scout around. I'd be happy to do it anytime, I'll probably find something for myself while we're at it. For instance, last time I found that we have bound by the year copies of Cactus and Succulent Journals. If you've been a subscriber since Noah got off the boat, you might not be interested. If you just started subscribing anytime in the last 10 years, you'll find something in any years' collection you haven't seen. If you don't know what the Cactus and Succulent Journal is, you should absolutely come see me and check out one of these. They cover so much in the way of C&S you will be surprised.

## SDCSS HELP Wanted ADS

If you are looking for a way to help, here are some ideas:

<b>Web Content Manager</b> to work with the web master on the SDCSS site. For information transfer.	<b>Ride Coordinator:</b> Point of contact for those members who need a ride to meetings and those willing to give rides.	<b>Trophy Sponsorship:</b> We are in the process of updating trophies and are looking for donations to support the process.
<b>Education Chair:</b> For Summer Show: Put together a program for education during the summer show.	<b>Membership Committee Members:</b> To support the membership chair in providing membership services.	<b>Trip Coordinator</b> to coordinate trips, arrange bus contracts, destination requirements, etc.
<b>Show Co-Chairs</b> for the Winter and Summer Shows to assist Peter with planning, setup, etc.	<b>Merchandising Manager</b> for t-shirts, hats, bags. Setting up at meetings and sales, managing inventory.	<b>Security Coordinator for show and sales</b> to manage volunteer shifts.

Contact Chris if you would like to volunteer or for more information on what the job entails. There isn't a better way to get to know other club members than volunteering!

## WHAT'S THE STATUS?

### Wild Animal Park Gardens

By Chris Miller

Summer is here and the weeds are dying out but there is still plenty to do in the gardens. In Old World Garden we are on a mission to remove the ice plant that was planted a handful of years ago that has become a



Ice Plant, *Carpobrotus edulis*, on the way to the dump. Photo by Chris Miller

hazard to the other plants. Last Saturday **Jim Deforest, Cathy Clark, Janet Svoboda** and I hauled 15 to 20 wheelbarrows of ice plant to the dump pile. We cleared out the two most threatened areas but still have more to do. If you have a mission to ride the world of ice plant, think about joining us. We still have some weeds to pull, clean up on the *Aloes*, and trimming of the *Euphorbias* to do. We also want to start cataloging the plants in the Old World Garden for signage.

In the Baja Garden we are verifying all the plant tags and indicating new plants for the national re-certification of the Baja Garden. We are working with the Horticulture Department and some summer interns. We are using maps and lists and working in quadrants. We need people who can get down to check tags and others who can track info on a check sheet and make notes. We will also be clearing part of the Baja Garden for new paths and to create a Mexican and North American Cactus garden at the end of the Baja Garden. Plus the weed pulling and cleanup go on.

Last of all, we are shopping for a greenhouse and will need help framing a slab and putting the greenhouse together.

Volunteering at the WAP has many benefits beyond playing in huge garden and getting to know more about these great plants. If you are interested call me or send me an e-mail and we can talk.

## Plant profile

### *Yucca elephantipes*

By Ed DeLollis



"What kind of *Beaucarnea* is this?" I blurted out when startled by a huge *Yucca elephantipes* in my pal Pirate Pete's garden. It turns out that this 12' tall, multi-branched specimen, whose trunk had swollen to 4' wide and was over my head as the branching began, is the thickest of all the *Yuccas* in terms of stem. The leaves are 4' long, 3" wide, dark green and spineless, but Pete's plant was less than half the size of a fully mature individual that COULD BE 30' TALL and 12' wide with creamy-white panicles during a long spring blooming season. Named *Y. gigantea* by **Lemaire** (1859), I don't care what you call it—you would need a big garden to accommodate one of these babies. But they burst onto the consciousness and steal the show. Massive amounts of fertilizer followed by plenty of water during the warm weather will accelerate the growth of leaf and trunk. Leave longer intervals between water once the desired size is reached. More and more *Yucca elephantipes* has infiltrated the abodes of folks who seek that "Southwest Look" in the form of a spiky but soft leaved *Yucca*. This plant can be grown from cane like *Draacaena* and comes in staggered make-ups in heights from 4'-7'. The juvenile leaves that sprout from these canes would never be mistaken for the long, strap-like ones of the outdoor monsters. *Yucca* is not a succulent, but is a xerophytically adapted plant. This makes it an excellent indoor dweller as it can go weeks between thorough soakings (using the multiple pour system). Also, the young leaves can adapt to a wide range of light conditions from a sunny window to a dark corner or anywhere in between. Clean these leaves occasionally and provide a weak solution of fertilizer with the waterings during the growing season and enjoy the green sheen of these warm indoor friends. If ever the leaves get stretched and faded, don't throw out the plant! Cut back all the canes, place in a sunny spot in the yard and do not water until new little leaves sprout. Then water gingerly, increasing water level as leaves grow. You will have leafed out heads in about a year. Then stick it in the house again!



*Yucca elephantipes* from [www.gardening.eu](http://www.gardening.eu)

So, inside, outside, cold or sun  
*Yucca elephantipes* is the one!



## Trophy Winners, 2010 SDCSS Summer Show

Best Agave	<b>Matt Maggio</b>	<i>Agave macroacantha</i>
Best Aloe	<b>Tim Harvey</b>	<i>Aloe costillanae</i>
Best Baja Plant	<b>Brian Shepherd</b>	<i>Ferocactus cylindraceus</i>
Best Cactus	<b>Peter Walkowiak</b>	<i>Rebutia flavistyla</i>
Best Echeveria	<b>Matt Maggio</b>	<i>Echeveria cante</i>
Best Epiphytic Cactus	<b>Peter Walkowiak</b>	<i>Hatoria cacalioides</i>
Best Euphorbia	<b>Peter Walkowiak</b>	<i>Euphorbia suppressa</i>
Best Exhibit	<b>Rudy Lime</b>	"Jades"
Best Graft	<b>Juergen Menzel</b>	<i>Eulychnia castanea spiralis</i>
Best Mammillaria	<b>Steve Frieze</b>	<i>Mammillaria rhodantha</i>
Best Memeb	<b>Alison Baldwin</b>	<i>Pleiospilos nelii</i>
Best Mexican Plant	<b>Carol &amp; Paul Maker</b>	<i>Ariocarpus fissuratus lloydii</i>
Best Miniature	<b>John Mellein</b>	<i>Adromischus marianiae</i>
Best Novice Cactus	<b>Brian Shepherd</b>	<i>Echinocactus horizonthalonius</i>
Best Novice Succulent	<b>Doug Buckner</b>	<i>Dudleya pulverulenta</i>
Best Opuntieae	<b>Don Hunt</b>	<i>Opuntia sulphurea</i>
Best Pachycaul or Caudiciform	<b>Mike &amp; Joyce Buckner</b>	<i>Encephalartos lehmannii</i>
Best Pelargonium or Sarcocaulon	<b>Rudy Lime</b>	<i>Sarcocaulon vanderietae</i>
Best San Diego Succulent	<b>Peter Walkowiak</b>	<i>Euphorbia misera</i>
Best Sansevieria	<b>Mike &amp; Joyce Buckner</b>	<i>Sansevieria suffruticosa</i>
Best Seed Grown Plant	<b>Brian Shepherd</b>	<i>Ferocactus wislizeni</i>
Best Succulent	<b>Peter Walkowiak</b>	<i>Ipomoea platense</i>
Best Succulent Bonsai	<b>Rudy Lime</b>	<i>Euphorbia hedyotoides</i>
Most Artistic Display	<b>Pam Badger</b>	"Sansevieria"
People's Choice	<b>Juergen Menzel</b>	<i>Eulychnia castanea spiralis</i>
Judges' Choices	<b>Peter Walkowiak</b>	<i>Ferocactus gracilis</i>
	<b>Peter Walkowiak</b>	<i>Euphorbia fanshawei</i>
	<b>Peter Walkowiak</b>	<i>Euphorbia 'Twinkle Twirl'</i>
	<b>Peter Walkowiak</b>	<i>Adenia venenata</i>
	<b>Pam Badger</b>	<i>Mammillaria parkinsoniana</i>
	<b>Elibet Marshal</b>	<i>Dudleya candida</i>
Sweepstakes Trophy	<b>Peter Walkowiak</b>	
High Point (< 50 entries)	<b>Candy &amp; Jerry Garner</b>	

## The First 3-Category Brag Table



### The Mini-pot Competition





# Highl ights from the show



Collections of Cactii



Disassembling the show



Cash Flow Time



Anything Goes Collections



Left: *Haworthia truncata*

Photos by  
**Collette Parr**

Right: Crest with mouth?



# Highl ights from the show



All Photos by **Collette Parr**

## 2010 SDCSS Summer Show Results

COMMERCIAL													
Points	Plants	Names	Divisions I, II & IV			Un R'd Plants	Division III			Division V			Trophy
			1st	2nd	3rd		1st	2nd	3rd	1st	2nd	3rd	
17	8	Anderson, Miles	4	2	1	1							
60	17	Buckner, Michael & Joyce	8	7	2								2
1	1	Buckner, Rob & Ash Wilcox			1								
21	10	Chaney, Arnold	3	5	2								
10	8	Craig, Darryl		4	2	2							
9	6	Dechirico, Gregg	1	3		2							
20	14	Flehsig, Phyllis	3	3	5	3							
26	7	Frieze, Steve	4	1	2								1
26	8	Harvey, Tim	3	3	1	1							1
27	8	Hunt, Don	4	2	1	1							1
26	9	Lime, Rudy	3	3	1	2							1
31	11	Maggio, Matt	3		2	6							2
20	5	Mellein, John	2	2		1							1
14	9	Meng, Cliff	3	2	1	3							
48	15	Menzel, Juergen	11	1	3								1
13	8	Muradian, Mark	1	4	2	1							
21	18	Newcomer, Marilyn	3	6	0	9							
90	38	Newcomer, Ric	21	10	7								
8	8	Noel, Bobbie	1	1	3	3							
24	11	Parr, Terry & Collette	4	5	2								
5	8	Plant, Rick		2	1	5							
3	9	Varise, Daniel		1	1	7							
339	158	Walkowiak, Peter	56	41	29	32							6
OPEN													
74	22	Badger, Pam & Lee	10	4	4	3				1			2
4	2	Clark, Alan		2									
117	49	Garner, Candy & Jerry	26	12	5	6							1
20	8	Graham, Ken	4	4									
20	11	Hopkins, Susan	4	2	4	1							
12	5	Knapik, Tom	2	3									
68	26	Maker, Carol & Paul	15	5	3	3							1
16	9	Marshall, Elibet	3	3	1	2							
32	16	Miller, Chris	5	4	2	4	1						
12	4	Nehme, Linda	4										
34	14	O'Daniel, Jean	9	3	1	1							
4	6	Osgrove, Si			4	2							
16	7	Patterson, Don	3	3	1								
12	7	Salley, Steve	3	1	1	2							
19	10	Schell, Sara	3	4	2	1							
11	6	Stern, Herb	2	2	1	1							
44	20	Williams, John	11	3	5	1							
42	26	Zucker, Tina	5	12	3	6							
NOVICE													
19	3	Baldwin, Alison	3										1
10	4	Becker, Maria		2	1			1					
10	5	Bryan, Pat	1	3	1								
13	4	Buckner, Doug	1			3							1
5	1	Butler, Mark						1					
2	1	Case, Ed		1									
5	3	Clark, Catherine	1	1		1							
2	3	Couchman, Donna		1		2							
14	8	DeForest, Jim	2	3	2	1							
2	4	Drummey, Dianna		1		3							
9	3	Duey, Garrett	3										
5	3	Dutton, Jeanette	1	1		1							
2	1	Elliott, Lynn		1									
7	4	Gianelli, Diane		3	1								
11	7	Lewitt Susan	0	1	2	3	1		0				
3	1	Long, Ed	1										
12	5	Matheus, Inacia	2	3									
6	2	Monson, Michelle	2										
4	5	Ryan, Rich		1	2	2							
60	9	Shepherd, Brian	5			1	1	1	1				3
11	6	Sommerville, Penny	1	4		1							
9	5	Szalay, David	2	1	1	1							
4	2	Tratnyek, Chris	1		1								
27	13	Walkowiak, Judy	4	6		2			1				
12	5	Wirth, Ed	2	3									
Grnd Tots	749	66	279	211	117	133	3	3	2	1	0	0	25



## ELIBET'S CORNER



## Electronic Espinas Y Flores

The newsletter is available for viewing and downloading at the Club website, [www.sdcss.net](http://www.sdcss.net). Take a look! All members are being urged to accept the e-mailed version of the newsletter in lieu of a bulk-mailed hard-copy. Each month, you will be notified by e-mail of the availability of your next issue, the speakers and events at the next meeting, and other significant announcements. The electronic version contains additional color images, and a high resolution version, from which fully detailed images can be downloaded, is available. Also, any errors found in the hardcopy version are corrected in the electronic version. To cancel your hard copy of the **EyF**, contact the membership chairperson or the editor.

The due date for submission of all material to be published in EyF will be the second-to-last Saturday of the month preceding the next monthly meeting. All submissions are to be made to the Editors. Please e-mail your articles to Paul & Carol Maker at [pdmaker@roadrunner.com](mailto:pdmaker@roadrunner.com).

## UPCOMING EVENTS

**July 23-25:** Orange County Cactus and Succulent Society Summer Show and Sale. Sale July 23-25 10 to 4. Show July 24&25. 10 to 4. Fullerton Arboretum, 1900 Associated Rd., Fullerton, CA. Contact Vince Basta 714-267-4329

**Aug. 14&15:** 25th Annual Intercity Show and Sale at the Los Angeles County Arboretum, 301 No. Baldwin Ave., Arcadia, CA. For info call Tom Glavich 626-798-2430 or John Matthews 661-297-5364

**Sept. 4:** Huntington Botanical Gardens Succulent Symposium, all day at the Huntington

**Sept. 26:** Long Beach Cactus Club Annual Plant Auction, 18127 So. Alameda St., Rancho Dominguez, CA, 12 pm

**Nov. 6&7:** San Gabriel Valley Cactus and Succulent Society Show and Sale, Los Angeles County Arboretum, address above.

**Dec. 3-5:** Orange County Cactus and Succulent Winter Show and Sale. Sale: Dec.3- 5, 10 to 4. Show 4&5, 10 to 4. Fullerton Arboretum, 1900 Associated rd, Fullerton, CA. Contact Vince Basta 714-267-4329

Opinions expressed in articles and editorial comments are solely the opinions of the author or the editor and do not necessarily represent the opinion of the SDCSS, the Board of Directors or the organization as a whole. All material submitted to the *Espinas Y Flores* for possible publication may be edited in form and content. All material contained in the *Espinas Y Flores* may be reprinted by other non-profit organizations (unless permission is expressly denied in a note accompanying the article.) Please send one copy of the printed material to the editor. Reproduction in whole or part by any other organization without the express consent of the editor is prohibited.

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## MEMBERSHIP APPLICATION/RENEWAL FORM

Dues are \$15.00 per year per individual, and \$5.00 per **calendar** year for each additional household member. One newsletter, *Espinas y Flores*, is sent per household each month (bulk rate mail OR E-mail). First Class delivery is available for an *additional* \$5.00 to cover the cost of postage. Be apprised that as of January 2011, dues will increase to \$20 for those who wish to receive the newsletter by USPS. Each member has all the rights and benefits of the organization.

Annual Dues – USA (bulk rate)\* \$15.00 \_\_\_\_\_  
First Class delivery USA (optional) \$ 5.00 \_\_\_\_\_  
Annual Dues – International \$30.00 \_\_\_\_\_  
Additional Household Member(s) \$ 5.00 \_\_\_\_\_  
Amount Enclosed \$ \_\_\_\_\_

Check ONE for type of application: NEW \_\_\_\_\_  
RENEWAL \_\_\_\_\_

Check ONE for type of newsletter delivery: USPS \_\_\_\_\_  
E-mail\*\* \_\_\_\_\_

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

NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_  
STATE: \_\_\_\_\_ ZIP + 4: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
FAX /CELL: \_\_\_\_\_  
E-MAIL:\*\* \_\_\_\_\_

ADDITIONAL HOUSEHOLD MEMBERS:

Do you wish to receive E-mail notifications on club events and issues?  
Yes \_\_\_\_\_ No \_\_\_\_\_

**Mail this form, along with a check or money order made payable to SDCSS in US funds to:**

**SDCSS Membership Department, c/o Collette Parr  
7924 Grape Street  
La Mesa, CA 91941-6323.**

\*If joining in any month other than January, use the following to calculate your dues at \$1.25/month: February - \$13.75; March - \$12.50; April - \$11.25; May - \$10.00; June - \$8.75; July - \$7.50; August - \$6.25; September - \$5.00; October - \$3.75; November - \$2.50; December - \$1.25.

\*\*If specifying E-mail delivery, you must fill in an e-mail address

## San Diego Cactus & Succulent Society

### Executive Board

President: Chris Miller  
Vice President: Peter Walkowiak  
Secretary: Candy Garner  
Treasurer: Ken Blackford

### Directors

Susan Hopkins  
Jean O'Daniel  
Steve Harris  
Don Hunt  
Jerry Garner  
Cathy Clark  
Mark Fryer (ex-President)

### Standing Committees & Sub Committees

#### Education, Conservation & Exhibits

Conservation: Joe Kraatz & Herb Stern

Brag Table: Candy Garner

Plants of the Month: Don Hunt

Summer Show: Peter Walkowiak

Winter Show: Peter Walkowiak

Historian: Terry Parr

Library: Don Hunt, Chris Miller, Jeanette Dutton, Steve & Kathy Harris

Exchange Plants & Seeds: Michelle Heckathorn & Sara Schell

#### Sales, Meetings, Plant Sales & Supplies

Membership: Collette Parr, [collette.parr@cox.net](mailto:collette.parr@cox.net)

Mailing: Jean & Bill O'Daniel

Annual Sales: Chris Miller & Joe Kraatz

Auction & Holiday Plants: Lee Badger & Tom DeMerritt

Monthly Plant Sales: Joe Kraatz & Lynn Elliott

Monthly Supply Sales: George & Jerry Plaisted

Benefit Drawing Table: Collette & Terry Parr

Publicity: Tom DeMerritt & Joe Kraatz

Programs: Kelly Griffin

Reception: Susan Hopkins & Judy Walkowiak

Monthly Regalement: Rudy Lime & Susie White

Picnic Regalement: Laura & Tom DeMerritt

Hospitality: Sara Schell

#### Liaison

Balboa Park Desert Garden: Susan Hopkins

CSSA Affiliate Rep: Peter Walkowiak

SD Botanic Garden: Phyllis Flechsig

SD Botanical Garden Foundation: George Plaisted

SD Floral Association: Jeanette Dutton

SD Wild Animal Park Baja & Old World Gardens: Chris Miller

Editors: Paul & Carol Maker, [pdmaker@roadrunner.com](mailto:pdmaker@roadrunner.com)

Webmaster: Tom Stiko

Web Site: [www.sdcss.net](http://www.sdcss.net)

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