

Volume 42 Number 6

July 2007

ESPINAS Y FLORES

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



**Program: Paul Maschka of the San Diego Zoo,
“Cultivating Carnivores”
Plant of the Month: Peter Walkowiak and
Don Hunt, “Euphorbias”**

**Saturday July 14, 2007, 1:00pm
Room 101 Casa Del Prado
Balboa Park, San Diego CA**

PRESIDENT'S MESSAGE

Happy Summer Solstice and greetings one and all!!!

My vocabulary is really lacking in trying to find the proper words to describe all the bits and pieces that come into play every year for our annual June Show and Sale. Years of experience and months of preparation all come to fruition in the hours right before we open things for the general public, which is always exciting. Our previous years records were broken, at least in terms of sales, and attendance almost always seems over the top! Huge kudos need to go out to everyone who pitched in to help with the multitude of duties that need to be accomplished for a show of this size to come off as well and as painless as this year's festivities did. Thank you everyone who showed plants, sold plants, purchased plants, and otherwise helped us all connect with the plants, without YOUR PARTICIPATION we would be lost! I would love to publish all the names of everyone key to this effort, but then this column might become a little too long for this issue. I know our show and sale chairs will respectively have articles here to mention those who went above and beyond traditional volunteer efforts, and highlight the challenges they've addressed or that need addressing. I know your board of directors has authorized funds for adding cash-registers to help alleviate the wait time in line for folks trying to check out in under 20 minutes. I thought maybe we should offer coffee and pastry service to everyone waiting longer than 10 minutes to check out, but I'm afraid the cost in terms of bodies and pastries might be higher than another register. So it goes.

All in all complaints were few and far between, but we (the SDCSS board) did hear a few and I thought I should share them here in case any of YOU might have experience and/or expertise that could help us address any of these issues:

- A plant holding area (so that people can pick out plants to be purchased and then go look at the show or wander the park or go to the zoo or otherwise avoid the long lines first thing in the day).

Our current "holding area" is unstaffed for the most part, and it's a real drag to find hundreds of plants abandoned with no one claiming them at the end of the day. Should the SDCSS offer a plant holding area - with deposit of some sort - so people can avoid the initial line and not have to worry about toting plants through the park for the day?

On the cover: This month's program is definitely different! Paul Maschka, the lead gardener, horticulture department, of the San Diego Zoo will be giving a talk on carnivorous plants. For the past few years these plants have become very popular with collectors. Children are also fascinated with these carnivores. Mr. Maschka had a very beautiful article on these 'meat' eaters in the June 2007 issue of 'Zoonooz'. After the presentation Mr. Maschka will give a demonstration on planting and caring for these plants. He will also have plants for sale with some unusual succulents. This will be an interesting program for our younger horticulturists so be sure to bring your children or grandchildren! Joe Kraatz

- Better signage to the SHOW in room 104

- A "quiet room" area for volunteers to get away from the noise and chaos and recharge a bit.

- Trophies! Yes, we've actually been discussing retiring these things or refinishing them or something for quite a few years now, but at this juncture we're actually out of room on quite a number of them. Personally, I think they have great historical significance, especially considering they read like a who's who of the cactus world. While we hear lots of praise about the trophy pots (winners receive a hand-made piece of pottery in addition to having their names engraved on the trophy placards), we're thinking we may need to either replace some of them, or simply go to having a paper certificate and the pottery (with the old trophy on display during the show and sale).

If you have any input on this (or any other issues surrounding the show and sale), please contact me or any other board member for consideration. Thanks in advance!!!

You may have noticed we get to hear Paul Maschka's program on "Cultivating Carnivores" this month. Paul is a member of the horticultural department at the San Diego Zoo, and if you're a regular visitor as I am, you can't miss seeing some wonderful examples of his work around the grounds. Last month's zoo newsletter contained an excellent article on this topic and I'm certainly looking forward to hearing his program. Now you might be wondering what the heck the connection between carnivorous plants and cactus and succulent plants might be. If so, please don't strain your brain, the similarity isn't that specific. While there might be some carnivorous species that employ CAM or C4 metabolism, the similarity lies more in their absolute nonconformity than anything.

Don Hunt and Peter Walkowiak will be tag-teaming on Euphorbias; I can't recall if it's specific to one form or another, but I'm looking forward to hearing their combined expertise on this group.

We have a lot of things coming down the line this season, some informal field trips coming up, and Rainbow Gardens Nursery hosting our annual September picnic. Please let me or another board member know if you've got a destination or function that you think might be of interest to the SDCSS, and we will consider it!

Warm regards and I look forward to seeing you all,

Mark Fryer

Medusoid Euphorbias I

By Don Hunt

There are roughly 30 species that make up the descriptive group of euphorbia medusoids. They are all endemic to South Africa. As a generalization, they have a symmetrical subglobose or obconical caudex with transverse arms of varying lengths. Frequently, the caudex is largely buried. Taking the euphorbias that can be described as cactiform or medusoid as a group, it seems there is a gradual variation of design. A plain spherical form will allow the maximum interior water holding capacity with a minimum of exterior exposed to the environment. Examples of this would be many cacti, (which is why we call them cactiform), *E. obesa*, *E. gymnocalyciodes*, and *E. valida*. The closest medusoids might include *brevirama* and *arida*, which have hardly any arms at all. The relative size of the thickness of the arms to the caudex varies, until caudex is reduced or absent with only a taproot, taking us outside of the group of medusoids. My example of this is *E. tubiglans*. The medusoids themselves vary in size, with *E. esculenta* being the largest at a meter or more in diameter, to dwarf species such as *E. gorgonis* listed at 10cm.

They are found in habitat with symmetrical subglobose euphorbias with no arms, such as *E. symetrica* and *E. obesa*. As an adaptation technique, they will shed or kill arms in response to dry conditions. I have observed some specimens of *E. brevirama* develop new heads from the end of arms, while others never do. They seem to like some residual moisture in the soil and triggering a defensive response will result in a less than perfect specimen. Like *Euphorbia valida*, many medusoids frequently have persistent peduncles, which appear as spines but are really the remains of flower stalk. Much of the taxonomy of the group seems to be in dispute (naturally), and the flowers are distinct for many of the species and helpful in identification. The flowers are unisexual and pollination is not difficult. The seed pod on maturation will explode, scattering the seeds (two or three in a pod) everywhere impossible to find. Some strategy such as tenting, gluing the pod shut or wrapping the pod in cotton must be employed to consistently harvest seed. References state that the seed has a short life span and must be sown within a few months.

Culture is straightforward and will pose no complexities for keepers of xerophytes. However, keep in mind that these plants all have a large and, in some cases, very long taproot. A deeper than normal pot is in order to promote good root structure. I have noticed some interesting responses to culture with specimens in my collection. When the *E. brevirama*, which is noted for its short arms, was moved to a position with less sun, the plant responded immediately with a surge in arm growth that was long and thin.

Not to my liking at all. I have seen three plants which appear similar do very different things: 1) remain solitary, 2) cluster by way of offsets, and 3) produce new arms at the end of arms, which will root if removed. I like to keep medusoid euphorbias because they are really hardy (if slow). They seem to me to be the most reptilian of all the plants. I image that they were once some kind of desert spirit transformed into a plant. Hey, if the African native can have stories, I can too.



MEdusoid Euphorbias II

By Peter Walkowiak, Horticulturist

Euphorbias are in many respects the African equivalent of cacti in the Americas, filling similar niches that produce various forms that mimic those of cacti. There are some forms that are not mimicked by cacti and vice versa. One form of euphorbia that is unique are the medusoids. There is only one cactus that comes close, a new *Astrophytum*, but this is a single species not a whole group.

There are two forms of medusoids, spiny and non-spiny. There are some transitional species that have persistent punctions that are found from the Transvaal to Namibia and Namaqualand. The non-spiny species that are found in Cape Provinces of South Africa include *flanaganii*, *inermis*, *esculenta*, *gorgonis* and *caput-medusa*. The spiny medusoids are found in the Transvaal northwards to Kenya along the eastern coast.

The non-spiny medusoids come from a climate that has cool winters and hot summers. Some areas are primarily winter rainfall (with some summer rainfall), while others have mostly summer rainfall (with occasional winter rain). These plants are cold hardy and can be used in landscapes here in San Diego with well-drained soil with some summer water. The spiny and transitional species come from areas of intense heat and summer rainfall and warm dry winter. Many of these euphorbias produce tuberous roots or caudexes to help them survive extreme heat and drought. When growing these species they must be kept dry during the winter and protected from cold. Some examples of these are *stellata*, *clavigera*, *fanshawii*, *baruama*, *microcantha* and intermediates such as *suppressa* and *faciculata*.

I find this group of euphorbias to be very fascinating and rewarding plants to grow. Providing the growers of a wide variety of unique forms to choose from, each with its own twist on the basic growth form of a short compressed main stem with radiating side stems or arms where most flowering occurs. Don Hunt and I will give a short talk about these fascinating plants on their care and what we have learned through our experiences with these wonderful plants.

BASICS OF BOTANICAL NAMES

By Steve Harris

I discussed the contributions of Carolus Linneaus to Botanical Classification in the May-June issue of *Espinaz y Flores*. To briefly recap, in the 18th Century Linneaus built upon the work of scientific pioneers dating back to Classical Greece to produce his work *Systema Naturae* which defines the binomial (two names) classifications we use today.

Genus names, such as *Agave*, *Echeveria*, *Euphorbia*, *Ferocactus*, *Gasteria*, *Mammalaria* and *Sanseveria* describe collections of plants which share basic characteristics and are assumed to be actually related. The genus names established by Linneaus have been expanded, contracted, changed, merged, separated and otherwise fooled with ever since.

Species names, or epithets, such as *americana*, *engelmannii*, *ferox*, *fissuratus*, *obesum*, *lamerei*, *latispinus*, *perryi*, and *truncata* indicate a specific plant. These names are derived from various sources, such as location (*americana*, or from America), a descriptive epithet (*ferox*, or vicious) and naming after an individual (*engelmannii*, named after George Engelmann, a 19th Century botanist).

Most of the species names based on location or descriptive terms can be traced back to a Latin root with appropriate suffix applied. When personal names are used, a suffix is added based on the spelling. If the name of a person ends in a vowel, the letter *i* is added (*lamerei*, after La Mere), except when the name ends in a, where *e* is added (*victoriae*, after Queen Victoria). When the name ends in a consonant, the letters *ii* are added (like *engelmannii*, our example above), except when the name ends in er, when *i* is added (*palmeri*, after Palmer).

Species are sometimes further broken down into varietals, to describe plants which vary somewhat from the established species but not enough to be classified as their own species. This may be based on geography, coloring variations or minor differences in dimensions. *Tephrocactus articulatus v. inermis* is an example.

Hybrids, or crosses between species, occur in nature as well as in the nursery. Among the cacti, hybridization has made classification particularly difficult and many of the species types may actually be hybrids. DNA

testing may eventually sort everything out. An example common in the Southwest is *Echinocereus x roetteri* (the x indicating hybrid), a cross between *E. coccineus* and *E. dasyacanthus*. Even some genera are hybrid, such as *xMyrtgerocactus*.

Formal botanical names are generally italicized, with Genera capitalized and species in lower case. Common names usually follow in standard font, sometimes in bold.

Many books in our SDC&SS Library go into further detail. Much of my research was done in *The Hutchinson Dictionary of Plant Names: Common & Botanical*, compiled by Harold Bagust, and *The Cactus Family*, by Edward F. Anderson.

Sdcss at the sage and songbird festival

SDCSS manned an educational booth at the annual Sage and Songbird Festival at the Viejas Outlet Center in Alpine, May 4-6. Many of the festival attendees stopped by the booth with questions about how to care for their frost-bitten plants. We took the opportunity to hand out membership brochures and to tell folks about the June show and sale.

Many thanks to Chris Miller, Sara Schell, Kathy Harris, Steve Harris, Janet Svaboda, and Jim DeForest for helping out.



Chris Miller wanted her friend, Kathy Harris, to buy these stylish sunglasses, but Sara Schell beat her to the punch!

Photos submitted by Sara Schell



SUMMER 2007 TROPHIES AND PLAQUES

CACTUS	WHO	PLANT NAME
BEST CACTUS	Mark Muradian	<i>Ferocactus chrysacanthus</i>
BEST NOVICE CACTUS	Jerry Garner	<i>Ferocactus emoryi</i>
BEST EPIPHYTIC CACTUS	Cena Martin	<i>Rhipsalis rhombea</i>
BEST MAMMILLARIA	C & P Maker	<i>Mammillaria bombycina</i>
BEST OPUNTEAE	Peter Walkowiak	<i>Tephrocactus articulatus v. inermis</i>
OTHER SUCCULENTS		
BEST SUCCULENT	Peter Walkowiak	<i>Adenia glauca</i>
BEST NOVICE SUCCULENT	Candy Garner	<i>Euphorbia meloformis</i>
BEST AGAVE	John Williams	<i>Agave ghiesbreghtii</i>
BEST ALOE	Sara Schell	<i>Aloe aculeata</i>
BEST ECHEVERIA	M & J Buckner	<i>Echeveria agavoides</i>
BEST EUPHORBIA	Mark Fryer	<i>Euphorbia turbiniformis</i>
BEST MESEMBRYANTHEMUM	Rudy Lime	<i>Trichodiadema bulbosum</i>
BEST PELARGONIUM OR SARCOCAULON	Petra Crist	<i>Sarcocaulon herrei</i>
BEST SANSEVIERIA	Jean O'Daniel	<i>Sanseveria pinguicula</i>
CACTUS OR SUCCULENT		
BEST BAJA PLANT	M & J Buckner	<i>Ficus palmeri</i>
BEST GRAFT	Juergen Menzel	<i>Euphorbia turbiniformis</i>
BEST MEXICAN PLANT IN SHOW	M & J Buckner	<i>Sedum oxypetalum</i>
BEST PLANT GROWN FROM SEED	Juergen Menzel	<i>Avonia alstonii</i>
BEST SD COUNTY SUCCULENT	Elibet Marshall	<i>Dudleya candida</i>
BEST MINIATURE	M & J Buckner	<i>Aeonium sedifolium</i>
BEST PACHYCAL OR CAUDICIFORM	Larry Grammer	<i>Adenium obesum</i>
BEST SUCCULENT BONSAI	Rudy Lime	<i>Operculicaria decaryi</i>
PEOPLE'S CHOICE	Mark Muradian	<i>Euphorbia suzanneae</i>
DISPLAYS, EXHIBITS & HIGH POINTS		
BEST EDUCATIONAL DISPLAY	Pam Badger	<i>Succulent plants of Baja</i>
BEST EXHIBIT	Joe Kraatz	<i>Stamps</i>
MOST ARTISTIC DISPLAY	Rudy Lime	<i>Succulent bonsais</i>
HIGH POINTS (50 OR FEWER ENTRIES)	C & P Maker	
SWEEPSTAKES TROPHY	Peter Walkowiak	

What a Show!

By Tom Knapik, Show Chair

I want to thank everyone for stepping up and making this one of the best shows ever. I have to admit, I was concerned this year because we were missing some key individuals who have contributed so much in the past. But, several members brought forth some amazing plants both in quality and quantity and made the show a huge success.



I wish to thank our judges for their time and deliberations on over 600 plant entries. Miles Anderson and Ed Nolan judged cacti and Lee Phelps and Petra Crist judged the other succulents. Their thorough work took nearly 4.5 hours to complete. I also want to thank all the clerks, organized by Sue Hopkins, who were right there, by their sides the entire time. Those growers fortunate enough to be recognized by the

judges with a trophy were given a beautiful show pot thrown by Don Hunt. Thanks Don for those special awards.

We all need to recognize the behind the scenes work of so many amazing members who form the backbone of our show and club. Chris Miller our sales chair, Tom & Laura DeMerritt, Joe Kraatz, Pam & Lee Badger, and Terry & Collette Parr worked countless hours and perform vital roles in the success of our show. Thank-you all for the work that you do!





Our workshops during the show were well attended, very educational, and one was even tasty. Rudy Lime spoke about succulent bonsai, Mark Fryer did a grafting demonstration, Michael Buckner and Petra Crist gave a talk on judging, Pam Badger reported out in the sales area, and Dennis Sharmahd showed us how to use cacti in our meals by cooking up some delicious nopales. Great job everyone!

Displays add so much to our show by educating and inspiring the other members and public about our hobby. Thank-you Pam Badger, Rudy Lime, and Joe Kraatz for all your hard work and effort putting together and transporting your beautiful displays. This year the 'Herculean award' goes to Peter Walkowiak once again. He not only entering the largest plants, but also the most. We would have had 128 less plant without him.



I'd like to recognize a few other individuals for their contribution to the show. Juergen Menzel generously entered 45 spectacular plants and a collection of cacti in the non-competitive category. From me he gets the 'Philanthropy' award. Rudy Lime encouraged Larry Grammer to bring down some fantastic pachycals (including an *Adenium* known as 'Jaba' which won a judges choice rosette) all the way from Los Angeles. Larry Grammer was not a vendor or judge so he gets the 'Long Distance' award.





I'd like to thank B.J. & Chris Miller for entering many beautiful framed images of succulents. They compliment the plant entries so well and add another dimension to our show. I'd also like to thank all the vendors, not only for offering a vast assortment of great plants, but also for entering some real special plants in the show. Your combined contribution adds approximately 160 plants to our show. Thank-you all!

I'd like to personally thank those members that assisted me late Friday night, early Saturday morning, for getting the show ready to open and after 4 PM on Sunday during tear down. Thanks so much for your help Alex Cardenas Murphy, John Williams, Pam Badger, Don Hunt, and Yulia & Katya De Merritt.

With respect to our sales workers, I'll let Chris recognize those individuals at the registers, checkout line, and information booth. We all thank them for their efforts and appeal to other members to help out next year to reduce the lines. Thank-you to Wilbur and Elizabeth Glover who worked all day, both days checking plants and Allen Clark who managed member sales late Friday night.



This is a great show because of the participation of those mentioned above and all the other members who contributed their effort, energy, and plants. We do it because we love the plants and we chose to share that passion with the public during this very special event. We always need more help and we'll be discussing ways to improve at the next board meeting and general meeting in July. So, bring your ideas, and your volunteer spirit and be part of the largest single club cactus show in America.

Photos submitted by Collette Parr and Mark Fryer.

Thanks to the sales area volunteers and draftees

By Chris Miller

I'd like to thank all of you who took part or all of your weekend to help make this our most successful sale yet! We sold just over \$40,000 in plants, pots and other related items. The vendors really appreciated the fact that customers were not let into the sales area until 9:00. It made it much easier for them to set up their areas and be ready to answer questions when the customers were let in. Two ladies were our sergeants at arms at the two street side entrances and I am embarrassed that I don't remember their names, but they did a great job and it wasn't always a pleasant job - thanks you made a difference.



The Demerit family minus Laura due to illness (even though she did ride to the rescue Saturday morning with the laptop to help resurrect the second cash register) were instrumental in just about everything that went on, from setting up the shade cloth with Richard Yorba's help to manning the second cash register on Saturday. They were the main force in the clean up and close out of the sales area on Sunday. The indomitable Joe Kraatz on register 1 racked up the sales on Saturday and Sunday. There were several people who help with the bar code reader and boxing

plants and of course I don't have all the names, but Frank spent most of Saturday boxing away. Herb Stern, Pam Badger, Jerry Garner, Collette Parr, and many others lent their support to the cash register teams.

The information booth was instrumental in signing 10 new members. Steve and Kathy Harris talked with lots of people extolling the benefits of membership. Ava Liss spent her Saturday in the booth after helping set up in the Show area on Friday. Candy Garner was another info boother doing a great job sharing info with the shoppers. Pam Badger did her transplanting service and was greatly appreciated. Other people dropped in and spent time talking to people. Friday night sales were handled by Allen Clark, with an assist from Sara Schell.



Our vendors made up the most significant part of our sale providing wonderful plants, pots, books and art. They talked to customers, sharing their knowledge of the plants giving a great boost to the educational experience of the event. So thanks to all the vendors, who make our sale possible.

Many other people helped make this sale our best and know that you are all appreciated.



Photos submitted by Collette Parr and Sara Schell.

Special HAPPY BIRTHDAY!



On June 21st, life member, Elibet Marshall, celebrated her 90th birthday. She is shown here with her award for Best San Diego County Succulent which she won for her *Dudleya Candida* at the June Show and Sale.

You go girl! And may you grace our presence with many more.

CACTUS RECIPES OF THE MONTH

HUEVOS RANCHEROS CON NOPALITOS

4 eggs, slightly beaten
1 cup NOPALITOS
1/2 cup shredded cabbage
1 tablespoon chopped onion
1/2 cup fresh tomatoes, chopped
1/2 teaspoon finely minced green chili pepper
1 tablespoon vegetable oil or shortening

Put oil in skillet, heat and add all other ingredients except the eggs. Toss gently and blend and heat through. Add eggs and cook until they congeal. Serve immediately. Serves 4.

R. H. Terrell, California & Mexico
Gates Cactus & Succulent Society

BARRELL CACTUS PUDDING

1/2 pound candied CACTUS, chopped
3-1/2 cups flour
1 cup molasses
6 tablespoons butter
1 cup milk
1/4 teaspoon salt
1/4 teaspoon cloves
1/4 teaspoon nutmeg
1/4 teaspoon allspice
1 teaspoon soda



Mix and place in double boiler; cook until done.

Paul G. Olsen, Arizona
Peegee's Cactus Recipes
Cactus and Succulent Society of America

Both recipes from The Cactus and Succulent Society's *Cactus Cook Book*.
Compiled by Joyce L. Tate, CSSA, 1971.

OFF THE SHELF

By Allen Clark



Izzat © 1941



“BUILD IT AND THEY WILL COME”

is a well-known line from the film *Field of Dreams*. The film is about baseball, but the line applies to many other human activities, such as building a library. Our library is your resource for learning about the plants we all enjoy so much, and library use is very definitely up!

The Library Committee placed an order for some new titles to transport us all to a Field of Dreams:

Ariocarpus et cetera, John Pilbeam

Copiapoa 2006, Rudolph Schulz

Ethnoflora of the Socotra Archipelago, Miller & Morris

Introduction to the Euphorbiaceae, Albert Prichard

Las Crassulaceas de Mexico, Garcia and Lopez

Socotra: A Natural History of the Islands and Their People,
Cheung & Devanter

Socotra- The Lost Island, Christophe

Succulents for the Garden, Schulz & Kapitany

Table Mountain, Pauw & Johnson

The Color Encyclopedia of Cape Bulbs, Manning, Goldblatt & Snijman

The Remarkable Baobab, Thomas Pakenham

These books will be processed into our collection, and made available by the July meeting. Please stop by the library case and check them out (figuratively and literally!).

We are still in need of EyF newsletters from 2000 to present. Herb Stern graciously filled out the collection for 1994 to 1999, but we are still missing 2000 to present, if someone would wish to donate them. The editors have issues dating from when they joined, but many are dog-eared, coffee-stained, written-upon or otherwise un-binding-worthy. We really hope to find either a clean hard copy or electronic archive.

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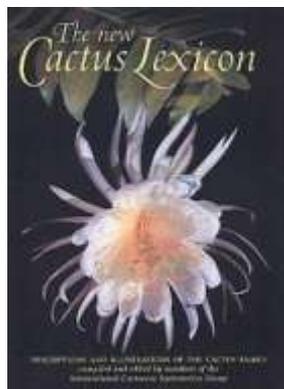
Website: www.sdcss.com

BOOK REVIEW

THE NEW CACTUS LEXICON, compiled by David Hunt, with Nigel Taylor, Graham Charles, et al. dh books, 2006. Two volumes, 373 & 526 pages

Reviewed by Phyllis Flechsig

In 2001 we had a new successor to Backeberg's "Cactus Lexicon," Anderson's "The Cactus Family"; now we have a successor to the successor in "The New Cactus Lexicon." Both attempt to cover every species in the family; a chief difference between the two is that Anderson did not attempt to illustrate the plants fully, while the New Lexicon does, with a photograph for nearly every species.



Cactus taxonomy is well known to be a battleground, and no doubt expert taxonomists will go on arguing forever; this book represents the current thinking of a lot of botanists, who now have many tools, such as DNA studies, not available to earlier workers.

Every entry lists previous names for the taxon, explains the meaning of the name, and gives the original locality followed by a highly abbreviated description of the genus or species. Before perusing this book it pays to study the list of abbreviations in the front!

Text entries are in alphabetical order, but when it came to illustrations the authors decided to group plants in a partly systematic way, so that related plants are together; for myself, I find this system somewhat annoying, as one cannot easily page through the 2500 illustrations to find the one in question. In order to save space, the synonymy is run-together rather than shown as a list as in Anderson's book, and the text is very densely arranged; Anderson used far fewer abbreviations and is therefore much easier to read. However, in this new Lexicon every entry is helpfully cross-referenced to its appropriate illustration in the other volume.

I have found this to be a very useful reference; and though no one believes it is the final word in cactus taxonomy—there will never be a final word—it will do very well for the time being. The two volumes are now a part of the SDCSS library.

MAY BRAGG TABLE WINNERS

Judged by Phyllis Flechsig

Cactus:

1st Place, Mary Fryer – *Echinocereus reichenbachii* crest/grafted

2nd Place, Peter Walkowiak – *Astrophytum ornatum*

3rd Place, Andrew Wilson – *Morawetzia sericata*

Succulents:

1st Place, Rudy Lime – *Sedum torulosum*

2nd Place, Lee Badger – *Echeveria superbum*

3rd Place, Mark Fryer – *Sarcocaulon (Monsonia) pattersonii*



Dennis Sharmahd prepares a delicious and nutritious cactus meal during a demonstration at the June Show and Sale.

Photo submitted by pam Badger.

The due date for submission of article (Plants of the Month) and information on the program/speaker will be the meeting preceding the intended issue (approximately one month ahead of time). The due date for letters, regular columns, brag table winners, and the President's Message will be one week later. All submissions are to be made to the Editors.

UPCOMING EVENTS

2007

Aug 18-19: Intercity Show and Sale, L.A. County Arboretum, 301 North Baldwin Ave., Arcadia, info: Tom Glavich 626-798-2430 or Barbara Hall 818-368-6914.

Sep 2: Huntington Botanical Gardens Succulent Symposium.

Nov 10-11: San Gabriel Valley CSS Show and Sale, L.A. County Arboretum, 301 North Baldwin Ave., Arcadia.

Nov 11: Borrego History Preservation Day, 9:00am-3:00pm, various locations in Borrego Springs, speakers and site visits, info: <http://www.abdnha.org> or call the Borrego Desert Nature Center at (760) 767-3098.

Dec 1-2: Orange County CSS Show and Sale, 10:00am-4:00pm, 1900 Associated Rd., Fullerton, info: 714-870-4887.

FYI

(for your information)

PARKING ALERT: Members may want to consider arriving **EARLY** for this month's meeting. Parking may be at a premium due to the Dead Sea Scrolls exhibit at the Natural History Museum here in Balboa Park.

VOLUNTEERS NEEDED: The San Diego River Park Foundation and The Friends of Mission Valley Preserve are looking for interested volunteers to help with watering and general care of their native plant garden. The garden is located near Friars Road and Napa Street and close to the Morena trolley station. Their website is <http://www.sandiegoriver.org/MissionValleyPreserve.htm>.

AND we are always looking for volunteers to help us maintain the Baja Garden at the Wild Animal Park. Please contact Chris Miller for info.

TRIP IDEAS WELCOMED: Joe Kraatz wrote to the editors "It's been a long time since SDCSS has been on an 'outing'. OK, we'll call it a bus trip. I would like to get input from our membership as to places that they might like to visit as a group. The only criteria would be that it has to be able to be done in one day. Also, would you prefer a picnic for our September outing or a bus trip. Maybe you would like a trip on other than a meeting date. Please phone (760-758-7042) or e-mail me (plantnut@cox.net) with your suggestions. Don't be shy! I won't bite."

SNACKS: Last names beginning with N through Z, your turn to bring a snack to share at the break.

San Diego Cactus & Succulent Society

Executive Board

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Standing Committees & Sub Committees

Education, Conservation & Exhibits

Conservation: Joe Kraatz & Herb Stern
Brag Table: Candy Garner & Steve Harris
Plants of the Month: Ric & Marilyn Newcomer
Summer Show: Tom Knapik
Winter Show: Terry Parr
Historian: Terry Parr
Library: Allen Clark, Chris Miller, Don Hunt, Jeanette Dutton, Steve Harris
Exchange Plants & Seeds: Michelle Heckathorn & Sara Schell

Sales, Meetings, Plant Sales & Supplies

Membership: Collette Parr
Mailing: Jean & Bill O'Daniel
Annual Sales: Chris Miller & Joe Kraatz
Auction & Holiday Plants: Lee Badger & Tom DeMerritt
Monthly Plant Sales: Joe Kraatz & Pam Badger
Monthly Supply Sales: George & Jerry Plaisted
Benefit Drawing Table: Terry Parr, Lee Badger
Publicity: Tom DeMerritt & Joe Kraatz
Programs: Mark Fryer
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
Quail Botanical Gardens: Phyllis Flechsig
SD Botanical Garden Foundation: George Plaisted
SD Floral Association: Elizabeth Glover
SD Wild Animal Park Baja & Old World Gardens: Chris Miller

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