



Espinas y Flores

The Newsletter of the San Diego Cactus & Succulent Society

Affiliated with the Cactus and Succulent Society of America

Volume 47 Number 1

January 2012



JANUARY MEETING AGENDA

Program: Mark Muradian

“Peru, Land of the Inca, Land of Cacti”

Plant of the Month: George Plaisted

“Geraniaceae”

Mini Workshop: Peter Walkowiak

“Staging Plants for Show”

Feature Article: Stan Yalof

“What is This Thing Called Succulent?”

NEW! The Open Slide Show

**Results of the Anza-Borrego
Foundation Fund Raiser**

Saturday, January 14, 2012, 1pm to 4pm
Casa Del Prado, Room 101, Balboa Park

Plant Sales Begin at 10am

Workshop Begins at 11am

PRESIDENT'S MESSAGE

27 December 2011



I hope you all had a wonderful holiday. The Miller's gathered on Christmas Eve and had total chaos for a few hours. Overall a good evening. Now I just need to work up the energy to go pick up my neighbors leaves out of my beds.

Our Holiday party was a great success. We had a record 139 attendees. Decorations were created by **Kathy Harris**, **Candy Garner** and myself and put out by **Jean O'Daniel** and company. **Herb Stern** provided wine and merriment as the **Cork Dork**. **Pat Bryan** helped with the gift exchange plants and **Pam Badger** did a bang up job calling numbers for the gift plants. **Kelly Griffin** and **Don Hunt** gathered the gift plants from sources different from past years and we all went home with something new and different. We managed to obtain plants from **Arid Lands**, **Miles to Go Nursery**, **Steven Hammer**, **Tim Harvey**, **Xeric Growers** and **Village Nurseries** for the gift plants this year. Thanks go to these talented growers for making our party a party!

Ken Blackford greeted people at the door. **Ruth Hendricks** and her crew provided a wonderful lunch. **Pam Badger** was the **Dessert Queen** and **Cathy Clark** organized the potluck desserts that we all pigged out on. **Ed DeLollis** and **Kelly Griffin** worked with our auctioneer, **Mary Whittemore**, to provide a great auction. **Joe Kraatz** and **Ken Blackford** collected the auction money. **Larry Weisel** of **Village Nurseries** very generously donated many beautiful plants as a special bonus Holiday gift to our Society. Not to be out done, **Ed DeLollis** brought a sleigh full of wonderful cactus and succulents from **Western Cactus**. Thank you so much **Hans** and **Gretl Britsch**, **Thomas Britsch**, and **Ed DeLollis** of **Western Cactus** for always supporting our group! Thanks also to **Peter Walkowiak**, **Ken Kelly**, **Jerry Garner**, and others for donating items to be auctioned. Any event is impossible to put on without lots of people working to make it happen. Thank you all for making this a great party!



Volunteers **Carol** and **Paul Maker**

At the Holiday party we announce the **2011 Volunteers of the Year**. Much to their surprise it was **Paul** and **Carol Maker**. **Paul** and **Carol's** contribution to SDCSS is significant and vital to our

well being as an organization. **Paul**, with **Carol's** support, has been our newsletter editor for the better part of the last 3 years. In that time he has transformed our newsletter to electronic, widened its distribution and reduced costs. He prints all of our promotional material, fliers, business cards and whatever else I think of. He distributes our welcome letters, membership cards and manages our electronic notifications system. He also interfaces with our web master, has developed a tally program for our shows and is currently scanning all our past issues of *Espinas Y Flores*. **Paul** designed the program brochure for the CSSA Convention earlier this and developed the signage used at the convention. **Carol's** wonderful plants are a significant contribution to our shows. Thanks to both of you for all that you do for the SDCSS!

We also awarded two life memberships. The first to **Nibby Klinefelter**. **Nibby's** contributions have spanned decades. She was a significant contributor as this organization developed. In the early 70's **Nibby** wrote a column for the newsletter titled **Nibby's Notebook**. It was filled with information about meetings, members and plants. If someone referenced a source at a meeting she would include the information in her article. She also documented a trip to Baja there. There were Plant of the Month talks, working as General Chairman for SDCSS displays at the Fair, Garden tours and lots of other activities to support us as well.



Chris presents **Nibby** her certificate

The **DeMerritt Family** was the second recipient. Both **Tom** and **Laura** have held office, organized innumerable holiday parties and picnics, volunteered at the Safari Park Gardens, provided audio visual support for meetings, and held board meetings at their home once a month for years. The family manages the cash registers for our two large sales a year, both programming and manning them at the sales. **Tom** is usually the first one there and the last to leave a sale. He is captain of the shade cloth team, which makes our sales in June much more pleasant. **Tom** and **Laura** with **Katya's** help have taken care of just about everything that has come up over the years since I joined.



Life Members **Laura**, **Katya** and **Tom DeMerritt**

Our Winter Show and Sale is scheduled for the 11th of February. The Show will be outside under a canopy, this leave the entire room 101 for

sales. At the January meeting there will be sign up sheets for volunteers. We will need additional security in the Show area and we need cashier teams for three registers. We will also need people to sign up members.

We will have our usual members-only shopping from 9 to 10. If you want to get in before 10 and not stand in a long line to do so, you need your membership card. If you signed up before November check with **Ken** at the next meeting. Those of you that have renewed in the last two months should have received your card in the mail. You can renew at the meeting in January or send your membership dues to **Collette Parr**, the information is at the end of the newsletter.

The Old World Succulent Garden and the Baja Garden at the Zoo's Safari Park need volunteers as we head into the weed growing season. If you are interested in donating some of your time let me know.

Keep dry and warm and enjoy your gardens!

Chris Miller

Result of the Anza Borrego Foundation Land Acquisition Fund Raiser

The following letter (edited) was sent to the ABF on December 23. Accompanying it were checks totaling \$4006!

On behalf of the San Diego Cactus and Succulent Society and its members, please accept these funds totaling \$4,006.00 as a 2011 contribution to the Anza Borrego Foundation's land acquisition efforts

Earlier this year, the SDCSS announced to its members that it would match individual donations of its members collected via the club. Individual members contributed a total of \$1535.00 and thus, SDCSS matched that amount.

Additionally, the club conducted an auction at our annual June Show and Sale, with plants donated by members and varying percentages (assigned by the donor) to be designated toward the ABF. Total funds collected for ABF at this event came to \$936.

Ken Blackford, SDCSS Treasurer

Eighteen members made contributions to the fund-raiser. They are: **Pam Badger, Elizabeth Dargan, Jeanette Dutton, Linda Espino, Candace Garner, Paul & Carol Maker, Betty Marshall, Christine Miller, Juer-gen Menzel, Kathe Roberts, Mary Jane Sasso, Herb Stern, Christine Tratnyek, and Carol Jean Spencer Wolcott.** Let's all give them a pat on the back and declare the fund raiser a success!

Program

"Peru, Land of the Inca, Land of Cacti"

Mark Muradian



This program was photographed in September of 2010. Starting in Chiclayo, and ending in Cuzco, we travelled by bus to many habitats, sometimes on roads no bus should ever attempt to drive! The program is a video presentation, with all the sounds and motion to help the viewer feel as if they were there. With the optional fly over of the Nazca lines and the mandatory visit to Machu Picchu, this was an exciting trip to be on.



I have been in the cactus hobby close to 30 years and have been making pottery for some 17 years, and am a third-generation family farmer in the central valley, farming some acreage since 1915. I will be bringing pottery to sell at the meeting.



Top photo, of *Puya raimondii*, by **Guillermo Rivera**. Bottom photo by **Mark Muradian**

Plant of the month
 “GERANIACEAE: In the Eyes of the BEHOLDER”

George Plaisted

ROBERT SWEET (1783 - 1835), horticulturist (and many other titles) was born at Cockington, a village in England.

(1799) At the age of 16, he started his professional career as a gardener with Richard Bright of Ham Green near Bristol. He later had charge of a collection of plants owned by John Julius Angerstein at Woodlands.

(1810-1815) A partner in Stockwell nursery.

(1818) Authored: '**Hortus Suburbanus Londinensis**', London.

(1815-1819) Foreman to Messrs. Whitley, Brames & Milne nurserymen of Fulham,

(1819-1826), Entered service of Messrs. Colvill, charged with plants from the royal gardens, Kew.

(1821) Authored: '**The Botanical Cultivator**', London.

(1823) Authored: '**The British Warblers**', London.

(1823-1829) Authored: '**The British Flower Garden**', London.

(1825) Authored: '**The Hothouse and Greenhouse Manual**'.

(1825) The botanical genus *Sweetie* (alfalfa, beans, peas etc.) was added to the *Fabaceae* family.

(1825-1830) Authored: '**Cistineae**', London.

(1826-1827) Authored: '**Sweet's Hortus Britannicus**', London.

(1826-1831) Occupied himself in production of botanical works.

(1827-1828) Authored: '**Flora Australasica**', London.

(1827-1832) Authored: '**The Florist's Guide and Cultivator's Directory**', London.

(1829-1830) Authored: '**Geraniaceae**' (5 Volumes), London.

(1830) Moved to Chelsea, which had a larger garden.

(1830) Authored: '**Sweet's Hortus Britannicus**', 2nd edition, London.

(1831) Authored: '**The Hothouse and Greenhouse Manual**', 5th edition.

(1931) Co-authored: in conjunction with H. Weddell. '**British Botany**'. No.1. London.

(1831-1838) Authored: '**The British Flower Garden**', 2nd series.

(1835) He died on January 20, 1835.

(1839) Published posthumously: '**Sweet's Hortus Britannicus**', 3rd edition, London.

The above timeline is to expose what great contributions MR SWEET left for us of his BOTANICAL WORLD. The timeline displays his botanical credibility and the dates of authorships are publication dates. This history has been left by others. Whether it is wholly or in-part correct is left up to each of us.

This presentation will show some of the (1829-1830) **GERANIACEAE** (5 Volumes) masterpieces to you. These are images of what the artist saw or wanted to see. He tried to create likenesses of plants of his days. As we look at these images, we must accept 'artistic license' (the distortion of facts) Some of the images resemble plants we now acknowledge while other images do not. If enough of the images are acknowledgeable, the ones that are not could be extinct. If so what a shame we missed them, but we still have their images to enjoy!

Yes, GERANIACEAE is in the eyes of the BEHOLDER!.

References: GOOGLE \ WIKIPEDIA, the free encyclopedia.



Left: *Pelargonium nervosum* from **Geraniaceae**, Vol. 1, Plate 47. Upper right: *Pelargonium* 'Lime', photo by **Michael Vassar**. Lower right: *Pelargonium* "Guernsey Flair", photo by **Steve Pollard**.

New meeting segment Open Slide Show Don Hunt



Starting in January there will be a new segment to the club meeting. We don't really have a name for it. I like "Open Slideshow". The basic idea is that members can bring 3 to 5 pictures, preferably on a memory stick but maybe on a CD to the library table before the meeting. We'll load them on a club laptop and take maybe 15 minutes as part of the meeting to show them all. We're still working out a lot of details regarding how this is going to work, but the idea is that people who have great plants at home in the ground, or just don't want to bring them in to the Brag Table can still share them during a type of Brag Show. I hope the people who bring in the pictures will be willing to tell us about them, but even this is up for negotiation. We will have to limit participation, as we don't want this to severely impact the length of the meeting. Most likely this will start with the same, familiar, people as participants, but I hope this will cause new members to step up, show their beauties, and be more involved in the flow of the meeting.

See you at the library table

Holiday party enjoyed by all



2012 winter show Saturday February 11

Peter Walkowiak
Winter Show Chair



The Winter Show is just around the corner, it's time to start thinking about what you are going to show. This is a good time to start getting the plants ready, repotting and pruning are best done one to two months before the show to allow the plants time to adjust. By doing this now it gives the plant a chance to grow and re-establish itself in the new pot, and to let pruning cuts heal and not be too noticeable. There are seven awards to be given out, three of these are for novice entries. Certificates listing all previous winners and picturing the winning plant will be present to each award winner. The SDCSS would love to see many more novice entrants in our shows - you are the future!



A Neoperteria from the 2011 Show

The rules and categories are the same as last year. They can be viewed at the club web site or later in this newsletter, and will be available at the show together with an alphabetized cross-reference categories listing. We will be accepting entrants from 4pm till 8pm on Friday, February 10. The show will be in the courtyard where it was held last year under a 30 by 30 tent. The courtyard is locked up at 8pm and any plants left there will be safe and secure. I will be there until the gates are locked. Plants also can be entered between 8am and 10am on Saturday morning.

Many memberships have expired

Many of you have memberships that expired December 31, 2011! Members are strongly urged to forego the mailed, hard-copy version of *Espinas Y Flores*, and accept only the e-mailed version. The cost of membership remains \$15 per year for E-mail, \$20 for mailed hard copies. New/Renew membership forms are on the back of the hard copy cover sheet and can be found in the electronic version. Your renewal payment should be accompanied by the properly filled out form and should be submitted as soon as possible

WINTER SHOW SCHEDULE, AWARDS, AND RULES

SCHEDULE FOR SATURDAY FEBRUARY 11, 2012

8:00am to 10:00am	Set up, BRING IN YOUR PLANTS!
9:00am to 10:00am	Sales open to members only
10:00am	Sales open to public
10:00am to 11:00am	Judging (show area closed to all except the judges)
11:00am	Show Opens
4:00pm	Show and Sales Close

AWARDS

NOVICE (Fewer than 10 Blue Ribbons won in judged competition. Use GREEN entry cards)
BEST CACTUS **BEST SUCCULENT** **BEST WINTER GROWER**

ADVANCED (More than 10 Blue Ribbons won in judged competition. Use YELLOW entry cards)
BEST CACTUS **BEST SUCCULENT** **BEST WINTER GROWER**

NOVICE OR ADVANCED
BEST OF SHOW

Certificates showing past winners and a picture of the winning plant will be presented to the winner of each award.

First, Second, and Third Place Ribbons will be awarded in all categories for both Novice and Advanced entrants.

RULES

- Participants must be members of the SDCSS.
- 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.
- Plants must be individually potted specimens except category #63, Dish Gardens.
- Depending on number of entries, prior to judging, the show committee may combine or divide categories and rearrange entries. The show area will be closed during judging. Plants must remain until end of show.
- Entries are judged on:
 - Condition, size, maturity and difficulty of culture: 70%
 - Staging - pot, top dressing, arrangement, cleanliness: 25%
 - Nomenclature: 5%
 Awards are given only if the judges believe they are merited, and all decisions are final.
- 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.

WINTER SHOW PLANT CLASSES

DIVISION 1: CACTACEAE

North American Cacti

- Ariocarpus, Astrophytum*
- Aztekium, Pelecyphora, Epithelantha, Strombocactus, Obregonia, Encephalocarpus, Ortegocactus*
- Coryphantha, Escobaria, Neobesseya, Neolloydia, Leuchtenbergia*
- Gymnocactus, Turbinocarpus, Stenocactus*
- Echinocereus*
- Echinocactus, Ferocactus, Hamatocactus*
- Mammillaria*; hooked spines
- Mammillaria*; straight spines
- Thelocactus, Sclerocactus, Pediocactus*

South American Cacti

- Blossfeldia, Frailea, Uebelmannia*
- Buiningia, Discocactus, Melocactus*

- Copiapoa*
- Echinopsis, Lobivia*
- Eriosyce, Neochilenia, Neoporteria, Pyrrhocactus, Horridocactus*
- Gymnocalycium*
- Notocactus, Parodia, Acanthocalycium*
- Rebutia, Sulcorebutia, Weingartia*
- Matucana, Submatucana, Oroya, Borzicactus*

Other cacti

- Ceroids, columnar types
- Opuntioides
- Epiphytic cacti
- Variegates, crests and monstrose
- Seed grown by exhibitor

DIVISION 2: NON-CACTUS SUCCULENTS

Aizoaceae

- Lithops, Conophytum*
- Pleiospilos, Titanopsis, Dinteranthus, Faucaria*
- Mestoklema, Aloinopsis, Trichodiadema*

Asphodelaceae

- Aloe*
- Gasteria*
- Haworthia, Astroloba*

Crassulaceae

- Cotyledon, Tylecodon*
- Crassula, Kalanchoe*
- Dudleya*
- Echeveria*
- Pachyphytum, Graptopetalum, Tacitus*
- Aeonium, Sedum*

Euphorbiaceae

- Leaves, no spines: *decaryi, capsaintemariensis, bupleurifolia*
- Leaves and spines: *milii, gottlebei, viguieri, unispina*
- No leaves or spines: *caput-medusa, inermis, esculenta, obesa*
- Spines, no leaves: *stellispina, horrida, ferox, stellata, clavigera*
- Monadenium, Jatropha, Pedilanthus*

Geraniaceae

- Pelargonium*
- Sarcocaulon*

Apocynaceae

- Adenium*
- Pachypodium*

Asclepiadaceae

- Fockea, Petopentia, Raphionacme*
- Caralluma, Hoodia, Huernia, Stapelia*
- Agave*
- Nolina, Yucca, Beaucarnea, Calibanus*

Asteraceae

- Senecio*
- Othonna*

Bromeliaceae

- Abromeitiella, Dyckia*

Burseraceae

- Bursera, Commiphora*

Didiereaceae

- Alluaudia, Didierea*

Dracaenaceae

- Sansevieria*

Moraceae

- Ficus, Dorstenia*

Passifloraceae

- Adenia*

Portulacaceae

- Avonia, Anacampseros, Ceraria*

Caudiciforms, Pachycauls, Geophytes

- Bombax, Cucurbits, Fouquieria, Dioscorea, Pachycormus*

Other

- Bulbs
- Variegates, crests and monstrose
- Succulent bonsai
- Seed grown by exhibitor
- Dish Gardens

Feature article "What is This Thing Called Succulent"

Stan Yalof



On our plant sale table you can find examples of about 28 families of plants: Aloes, asclepiads, cacti, mesembs, and so on. We refer to them as succulents, which the dictionary defines as 'juicy'. Succulence is not a botanical term and definitely does not apply to many of the plants on sale and in our gardens. What this collection of plants has in common is an ability to withstand the stress of drought through a variety of strategies. I covered some of these strategies in my Minitalk 3. They include water storage, drought avoidance such as flowering quickly and disappearing, disposing of leaves, underground storage, CAM and C4 metabolism (See Cactus Haiku list).

The use of the word Succulent to describe a class of plants is misleading. Many 'juicy' plants would die if briefly separated from water and underground tubers include potatoes and onions and beets (a cactus 2nd cousin), not yet on the plant table. What we call Succulents are more properly called Xerophytes. I don't expect SDCSS to change its name to the San Diego Xerophytes Society, but it would be logical (See pix). Phyllis Flechsig's Succulent definition, 'Any plant that we collect and grow', agreeably covers the plant sale table and novel introductions.



Strategies to avoid thermal and water stresses are the stuff of life, handled differently and cleverly by plants and animals. Examples: the amniotic egg, the shedding of leaves in the autumn. My candidate for the toughest of the xerophytes are cacti, always out there through the seasons, withstanding sun for hundreds of years without cracking, and having divested themselves of leaves thus sacrificing photosynthetic ability for the xeric life.

Cactus Haiku

Drought Adapting

Water come
Water go
Sip fast
Make it last.

Drought Avoiding

Here today
Gone tomorrow
Short time
Edge is narrow.

Heat Withstanding

Panting heat
All around
Gain relief
CAM & C4
And underground.

El ibet's corner



In with the new,! Out with the old!

UPCOMING EVENTS

Jan 14: SDCSS Monthly Meeting.

Jan 14: Desert Forum, 9:30am to 4:30pm, Huntington Gardens, 1151 Oxford, San Marino, CA.

Feb 11: San Diego Cactus & Succulent Society-Winter Show & Sale Balboa Park, Room 101, San Diego, CA. Info: www.SDCSS.net

Mar 10: SDCSS Monthly Meeting.

Mar 23 & 24: Orange County Cactus & Succulent Spring Show and Sale, 9am-5pm, 1000 S. State College Bl. (Anaheim United Methodist Church), Anaheim, CA. Info: Vince Basta 714-267-4329

Apr 7 & 8: South Coast Cactus & Succulent Society Show & Sale, South Coast Botanic Gardens, 26300 Crenshaw Bl., Palos Verdes, CA. Info: 310-832-2262

Apr 14: SDCSS Monthly Meeting.

Apr 14 & 15: Green Scene Plant Sale, The Fullerton Arboretum, 1900 Associated Road, Fullerton, CA.

May 5 & 6: Sunset Cactus & Succulent Society Show and Sale, Veterans Memorial Center, Garden Room, 4117 Overland Ave., Culver City, CA. Info: 310-822-1783

May 6: South Bay Epiphyllum Society Show and Sale, 9am To 4pm, South Coast Botanical Gardens. Info: 310-833-6823

May 12: SDCSS Monthly Meeting.

Events at the holiday party



Top Left: Auction team, Ed DeLolis, and Mary Whittemore. Top right: Bidders, pondering. Middle Left: Mamm up for bid. Middle Right: High-end bid plant. Bottom: Checking out the Gift plants.



Electronic Espinas Y Flores

The newsletter is available for viewing and downloading at the Club website, www.sdcss.net. Take a look! All members are 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 extra color images not found in the hardcopy**, and a high resolution version, from which fully detailed images can be downloaded, is also available. Further, updates and errors found in the hardcopy are corrected in the electronic version. To cancel your hard copy, contact the membership chairperson **Collette Parr** at collette.parr@cox.net.

SDCSS WANT ADS

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

Strategic Team Members to support the Strategy Owners in initiating changes in SDCSS	Ride coordinator: Point of contact for those members who need a ride to meetings and those willing to give rides.	Trophy Sponsorship: We are in the process of updating trophies and are looking for donations to support the process.
Tour Chair to arrange Coffee in the Garden tours on a monthly basis	Workshop Chair to run workshop program, set up speakers and topics	Trophy Chair to maintain trophies and oversee their refurbishment
Volunteers for WAP Gardens: For garden maintenance, new area development, plant identification and to work in the greenhouse. Our next project will be to build a greenhouse and we hope to start later this fall	Holiday Party Decorating Committee Members: to help decorate for the Holiday Party.	

Contact **Chris Miller** if you are interested.

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.

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.

Otherwise unaccredited photos are the handiwork of the Editors.

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 _____
 First class delivery USPS (Paper Newsletter) \$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 Department
 c/o Collette Parr
 7924 Grape Street
 La Mesa Ca 91941-6323**

San Diego Cactus & Succulent Society

Executive Board

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

Directors

Steve Harris
Don Hunt
Jerry Garner
Cathy Clark
Kelly Griffin
Vanessa Nelson
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
 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

Webmaster: **Gunnar Eisel**

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