



MAMMILLARIA THORNERI

# Espinas y Flores

NEWSLETTER of the SAN DIEGO CACTUS & SUCCULENT SOCIETY, INC.

A Non-Profit Public Benefit California Corporation

VOLUME XXXIV NUMBER ONE SATURDAY, JANUARY 9, 1999 10:00AM - 5:00PM



# Steven Hammer

## SDC&SS Second Annual Winter Show

January's meeting will consist of a one-day Mini-Winter Show & Plant Sale beginning at 10:00 am and continuing on through the day with the breakdown scheduled for 5:00 pm. This show is planned as a non-competitive educational display with the emphasis being placed on presenting the plant, not winning ribbons. Show will be held in our regular meeting room, Room 101 - Casa del Prado, Balboa Park, and will be highlighted with a 2:00 pm presentation by world renown botanist and author, **Steven Hammer**. Steven will critique our show, offering educational commentaries on the plants brought in. He will award a few remarkable specimens with special ribbons of acknowledgement. This is a terrific opportunity for ALL SDC&SS members to show their winter growing succulents and bulbs. And with someone as eloquent and knowledgeable as Steven judging, we are all guaranteed to learn something about our own plants. Every member should take advantage of this friendly setting to learn about showing, growing, and knowing winter growing succulents.

After Steven's commentary on the winter growing succulents exhibited, he will give a slide show presentation of his own personal favorite "*Winter Growing Succulents*." We are sure to see a mesemb or two in this presentation! An avid student of mesemb for the last 35 years, Steven's love of this family is so passionate that a genus, *Hammeria*, has been named after him! Don't miss this exceptional opportunity to see one of the present day botanical "greats" doing what he does best! Bring a friend, and bring a few plants to show!

As an added incentive — we are offering one free Benefit Drawing ticket (valid February through November of 1999) for every three plants a member shows. Also, this year Steven will be offering (some for the first time) a multitude of rare succulents and bulbs in the sales area — a rare opportunity not to be missed! If you can schedule time during the day to assist with some aspect of this show, please contact either Ed DeLollis - (760) 945-7892 - show set-up, breakdown, security & information — or Tom Birt - (619) 452-0389 - sales area set-up, security, & cashiering — make the commitment! A Winter-Mini-Show Schedule and a SDC&SS Winter Show Poster are included in this issue. Please take the time to promote your club by putting up poster and inviting friends and neighbors. See you there!

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Our cover: *Dorstenia* by SDC&SS member and artist Vicki Lane Hill. Thank you, Vicki for another lovely cover.

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Please send your letters, artwork, poetry, Cactus or Succulent-of-the-Month articles, puzzles, comments, or criticisms, etc. to:

**MICHAEL & JOYCE BUCKNER, EDITORS**  
**2327 "N" AVENUE, NATIONAL CITY, CA 91950**  
**NEW PHONE /FAX NUMBER:**  
**(619) 477-4779**

Publication deadline for the February 1999 issue is Saturday, January 9, 1999.

*Espinas y Flores*, the newsletter of the San Diego Cactus and Succulent Society, Incorporated, P.O. Box 33181, San Diego, CA 92163-3181, is published monthly with the exception of a combined May-June issue (*11 issues per year*). Newsletter circulation is approximately 400 with about 375 issues going to members (*one issue per household*) and an additional 20-30 issues going to educational institutions, botanical societies, cactus & succulent nurseries, local publications, related natural history events & exhibits, and other interested groups or individuals upon request. Subscriptions (*membership dues for an individual*) are \$10 per year for bulk mail within the USA.

Opinions stated in the articles and editorials of *Espinas y Flores* are solely the opinions of the authors or editors and do not necessarily represent the opinions of other SDC&SS members, the Board of Directors, or the organization in general. All materials submitted to *Espinas y Flores* for possible publication may be edited for form and content. All material in the *Espinas y Flores* may be reprinted by non-profit organizations (**unless such permission is expressly denied in a note accompanying the material**) provided that proper credit is given to the SDC&SS *Espinas y Flores* and the author, and one copy of the publication containing the reprinted material be sent to the editors. Reproduction in whole or part by any other organization or publication without the permission of the editors is prohibited.

**THANK YOU TOP HAT CATERING!** For doing such a terrific job of serving a hot, delicious & affordable dinner! . . . and at the busiest time of the year, no less. Top Hat has been catering our holiday dinner for many years now. They have always done a professional job. The food is hot and served in a timely manner, and their staff has always been attentive and polite. We receive the newsletters of most of the cactus & succulent societies in Southern California and many other botanical societies — no other club offers a catered dinner for anything less than \$18.00 per person. Most of the catered holiday dinners run in the high \$20's and some top \$30 per person. What a present our holiday party is to all of us!

And **THANK YOU LEE BADGER** for making an emergency run to the store for coffee. Our own regalement committee ( presently: **Rudy Lime, Pam & Lee Badger, Stefy Mangold & Laura DeMerritt**) has been providing the drinks, and making the coffee & tea for this event for several years now, in a effort to keep costs down. Guess the hot coffee & tea part was somehow overlooked this year, but Lee came through for us which was very much appreciated! That coffee sure tasted good with all those great Christmas cookies, pies, cakes and candies. I think many of us would have fallen asleep without it! So full of turkey and other goodies!

Over the holidays I have heard from several out of town members who have suffered some losses due to the freezing cold weather that we have all been experiencing. **Holly Gallagher**, an SDC&SS member from Bakersfield, tells me that it stayed below freezing for 18 hours straight last week. She thinks that she has lost most, if not all, of her outdoor succulents. Even if there are survivors — they have suffered enough damage that they will probably never look the same. In the bay area it was even worse, because it rained just before the cold front moved in. My friend (and SDC&SS member), **Miles Mayo** says that the *Kalanchoe* that I gave her last year "just exploded". Worse still, they lost all their citrus trees — some had been in their garden for many, many years.

We are really quite lucky here, as it never really gets that cold! We may have to bring in our adeniums, pachypodiums, and monadeniums which will not tolerate temperatures below 40°, and I'm throwing a bedspread over a lot of our tender young mesembs, etc. each night when I can see my breath, but it is not going to stay below freezing for any prolonged periods of time. **Joe Quijada** tells me that he has several ultra violet lights set up to turn on whenever the temperature gets below 34°. Plants are outside in open yard which is otherwise unprotected from the elements. Joe thinks that this helps his plants stay warm, and he remembers originally reading about the "lights on" technique somewhere, but he is really not sure if this technique works or if he has just been lucky. What are your experiences? If anyone out there knows more about the " lights on" plant warming technique, we would like to hear from you.

What we know for sure is that as long as your plants are not wet and hardened off correctly, they will probably be okay. So bring them into the patio, garage, or kitchen if you don't have a greenhouse and it looks like rain or even a heavy fog. A couple of pleasant garden observations: our *Operculicarya decaryi* has never looked better . . . with it's tiny vibrant purplish red leaves! And Michael's *Mitrophyllum angustifolium* is blooming for the first time that I can remember — it usually looks two thirds dead, but not this winter!

If you are still looking for that perfect 1999 calendar: **Kakteen 1999 und andere sukkulenten** is a high quality calendar with 13 brilliant color photographs (9¾" X 9¾"); close up photos for plant identification. Habitat pictures show mature specimens. Send \$12.60 to Anthony Specia, 4306 Hill Forest Drive, Kingwood, TX 77345; (281) 834-2606.

**January 23 - 24: "How to Make a Plant Specimen" Jon Rebman Ph.D.** - San Diego Natural History Museum. This is a hands-on class where Dr. Rebman will be teaching how to select, collect, prepare, press, dry and store herbarium specimens. Cost \$50/members - \$65/non-members; call (619) 232-3821.

Coincidentally there is an excellent article "**Some Tips on Collecting Field Data**" by **Richard May** in the Nov/Dec 1998 CSSA Journal (U.S.) - recommended reading if you are considering taking this class. Mr. May lists at the end of his article twelve "indisputable laws which have a direct bearing on the success or failure of your work, no matter how hard you plan." I could easily relate to a few of his findings. Such as his: #1 "The shortest distance between two points will cross a canyon or a mountain." or #8 "If you lose a specimen, it will be the one of most value." or #11 "Your best photos will be of insignificant subject matter."

**January 28: The Nature Nut - John Acorn speaks** (known to TV audiences as *the Nature Nut*) - San Diego Natural History Museum at 7:00 pm. Call (619) 232-3821 ext# 203 for reservations & additional information.

**January 29: "A 3,000 Mile Walk Around the Coast of Baja California" with Graham Mackintosh** - Anza-Borrego Desert Natural History Association lecture series. This presentation begins at 7:30pm at the Performing Arts Center in Borrego Springs. A book signing & refreshments will follow the lecture. Non members \$5 at the door. (760) 767-3052.

**February 1 - Abstract Deadline - San Bernardino County Museum - Desert Research Symposium (April 23-26) - Abstracts** - 15 presentations in geology, paleontology, geomorphology, anthropology, botany, ecology, etc. If you want to present a paper or a poster, contact: Jennifer Reynolds, MDQRC, Dept. of Community & Cultural Resources, 777 E. Rialto Avenue, San Bernardino, CA 92415; fax (909) 383-3247-attn Jennifer; or e-mail: jreynolds@ccr.co.san-bernardino.ca.us/museum to indicate that you intend to present a paper. Then write your abstract - generally one paragraph to one page. Send your abstract directly to Jennifer Reynolds at address above.



**February 8: Springtime in Chile's Atacama Desert by Dylan Hannon** - San Diego Horticultural Society, Del Mar Fair Grounds - Satellite Wagering Facility @ 6:30pm. No admission fee and the seating is quite comfortable. In addition to the slide show program, every SD Hort Society meeting has a plant forum: several tables are covered with a very wide range of botanical specimens — from cut flowers to fresh picked fruit — from bonsai specimens to bamboo shoots — from rare bulbs in bloom to a new colored hibiscus — from magnificent plant specimens to a weed that someone wants a name for. Members bring in these plants or cuttings from their gardens and fill out a small card with common, Latin name, and any other interesting info they may have. There is also a Seed - Bulb - Plant Swap similar to our exchange table, and every meeting has a plant raffle which is usually associated with that month's program. For more info: (760) 630-7307.

**March 8: Exploring Malaysian Borneo by Bob Gustafson** - San Diego Horticultural Society, Del Mar Fair Grounds - Satellite Wagering Facility @ 6:30pm. No admission fee. For more information: (760) 630-7307.

**March 20: Lotusland Field Trip** - Sundance Bus Line departs at 7:00am from meeting area in parking lot behind Organ Pavilion - Balboa Park. North County stop at the La Costa exit of Interstate 5 - Cal Trans Park & Ride at approximately 7:30am. My records show that the following members have paid: **Chuck & Dana Adams, Betty Athy, Janice Byrne, Thalia & Bernie Crisenzo, Tom & Laura DeMerritt, Jeanette Dutton, Nancy Gordon, Susan Hopkins, Derith Hughes, Nibby Klinefelter, Margie Medrano & Guest?, Terri & Collett Parr, Andy & Patricia Patapow, Bart Potts, Tim Pruss, Joe & Kay Quijada, Velga Remo, Kathe & David Roberts, Lanney & Kellagh Roth, Ross Shumwax, Phyllis Tyson, Sandra Wagner, Cindy & John Wead, and Fe' & Alan Weiss.**

PLEASE CHECK THIS LIST - IF YOU HAVE PAID, BUT ARE NOT LISTED CONTACT ME, **JOYCE BUCKNER @ (619) 477-4779 - IMMEDIATELY.** IF I HAVE MISPELLED YOUR NAME, OR IF YOU HAVE CHANGED YOUR ADDRESS OR PHONE NUMBER, PLEASE LET ME KNOW. I will attempt to contact and/or telephone everyone who has paid in the beginning of March to remind them of our departure. Margie Medrano, please give me the name of your guest.

If this list is true to count, there are still a couple of seats available on the bus - please get your checks in soon, if you wish to participate in this very special event. Feel free to call us ( 619) 477-4779 with any questions.

**April 7 - 10: Pre-Convention Tour - Death Valley and the surrounding East Mojave Desert area** - Arrangements can be made for this tour through Action Tours in Las Vegas. If you have questions or would like a full itinerary for this trip, please contact **Denni Plath @ (702) 367-6336.**

**April 11 - April 16, 1999 - The CSSA Convention at The Tropicana in Los Vegas, Nevada** - The Wednesday field trips for this convention all look like fun — too bad there aren't two Wednesdays, so you could take more than one! (1) Red Rock Canyon; (2) Valley of Fire, Lake Mead; (3) Ash Meadows, Devil's Hole; and (4) Castle Mountain Mine, East Mojave and Cima Dome for the thickest stand of Joshua trees in the entire Mojave Desert. Tour cost is \$35; for more information contact: **Denni Plath @ (702) 367-6336.** For additional info regarding the convention & registration, please contact: **Mindy Fusaro, CSSA Convention Registrar, P.O.Box 2615, Pahrump, NV 89041; (702) 751-1320; fax (702) 751-1357.**

**April 18 - 26: Post CSSA Convention Tour of Baja California, Mexico** - Drive to Cabo San Lucas over eight days. Tour leader **Jon Rebman Ph.D.,** curator of Botany San Diego Museum of Natural History, and **Monte Woodworth,** Baja Natural History expert, will also be a guide on this trip. For additional information contact **Karen Ivey** of Baja Discovery, P.O. Box 152527, San Diego, CA 92195; (619) 262-0700.

**April 23 - 26: The 1999 Desert Research Symposium** - Lectures, papers at the museum, and symposium social and poster session - to receive registration forms write to: **Jennifer Reynolds, MDQRC, Dept. of Community & Cultural Resources, 777 E. Rialto Avenue, San Bernardino, CA 92415; fax (909) 383-3247; phone (909) 387-2582.** Symposium is followed by (optional - \$50) field trip (camp out) on Sunday, April 25 & Monday, April 26 to the Mojave Desert to the Calico Mountains and Coyote Lake. Car pools will be arranged - high-clearance vehicles recommended; 4-wheel-drive suggested. Pre-registration required; cost includes meals.

**CONGRATULATIONS JEFF HARRIS** on receiving **The SDC&SS Volunteer of the Year Service Award** [we call it the MVP - most valuable player!]. Seems like Jeff is ready, willing, and able to help us with most anything. He has been working with me getting the 1999 Plant-of-the-Month Schedule in order. During the regular meetings he can be seen helping in the plant sales area; and every month he assists **Pam & Lee Badger** with the inserting, folding, labeling and sorting process of U.S. Bulk mail. **THANK YOU! JEFF! PLEASE KEEP UP THE GOOD WORK. WE NEED YOU!!!**

Thanks also to **Kelly Griffin** for persisting in getting program speaker commitments for 1999. Unfortunately, our scheduled speaker for February, Michael Louie, cancelled just a few days ago which put us all in a panic for a few minutes. However, Kelly came through like a champ and re-booked February with a program on Ecuador by **Guy Wrinkle.** And we even filled in a few more months on our 1999 calendar in the process.

Well, I don't know about you, but I sure am glad that the holidays are almost over! Just a tip for any of you Christmas Card collecting members: get on **Kay Quijada's** list! With original photographs and artwork they are a delight! We have a lot of talented members out there! **HAPPY NEW YEAR EVERYONE!!**

*Thanks, Joyce*

# San Diego Cactus and Succulent Society Winter Show

In this non-competitive event, specimens will be shown alongside plants of similar family and genus. Classifications will include but not be limited to the following winter growing and blooming plants.

## DIVISION 1 INDIVIDUAL POTTED SUCCULENTS:

- AIZOACEAE FAMILY  
(Mesembrenthemaceae) *Lithops*,  
*Conophytum*, etc.
  - ASPHODELACEAE FAMILY *Aloe*,  
*Gasteria*, *Haworthia*, etc.
  - CACTACEAE FAMILY *Mammillaria*,  
etc.
  - CRASSULACEAE FAMILY  
*Adromischus*, *Cotyledon*, *Tylecodon*,  
*Crassula*, *Kalanchoe*, *Echeveria*,  
*Aeonium*, etc.
  - EUPHORBIACEAE FAMILY  
*Euphorbia* and other related genera
  - GERANIACEAE FAMILY  
*Pelargonium*, *Sarcocaulon*
  - APOCYNACEAE FAMILY *Adenium*,  
*Pachypodium*, etc.
  - ASCLEPIADACEAE FAMILY  
*Caralluma*, *Fockea*, *Hoodia*,  
*Huernia*, *Stapelia*, *Hoya*, *Ceropegia*,  
etc.
- ## SUCCULENTS OF OTHER FAMILIES:
- AGAVACEAE FAMILY *Agave*, *Yucca*  
etc.
  - ASTERACEAE FAMILY *Senecio*,  
*Othonna*
  - BROMELIACEAE FAMILY *Dyckia*,  
etc.
  - BURSERACEAE FAMILY *Bursera*,  
*Commiphora*
  - DIDIEREACEAE FAMILY *Alluadia*,  
*Decaryia*, *Didierea*, etc.
  - DRACAENACEAE FAMILY  
*Dracaena*, *Sansevieria*, etc.

- MORACEAE FAMILY *Dorstenia*,  
*Ficus*, etc.
- PASSIFLORACEAE FAMILY *Adenia*
- PORTULACACEAE FAMILY  
*Anacampseros*, etc.
- VITACEAE FAMILY *Cissus*,  
*Cyphostemma*, etc.
- PACHYCAULS, CAUDICIFORMS and  
GEOPHYTES
- ANY OTHER GENUS
- CRESTED or MONSTROSE

## DIVISION 2 INDIVIDUAL POTTED BULBS:

- *Amaryllis*, *Boophne*, *Gethyllis*,  
*Haemanthus*, *Lachenelia*,  
*Ornithogallum*, etc.

## DIVISION 3 COLLECTIONS

A set of 6 - 10 different specimens that are related by a common theme: genus, form, shape or other character.

- CACTI
- OTHER succulents

## DIVISION 4 SPECIALITIES

- ARRANGEMENTS floral and  
otherwise; cacti and/or succulents
- DISH GARDENS and planters

## DIVISION 5 DISPLAYS

- DISPLAYS and EXHIBITS

## DIVISION 6 ART WORK

- CACTI or SUCCULENT  
Photography and Artwork



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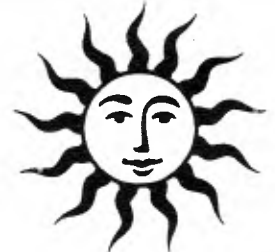
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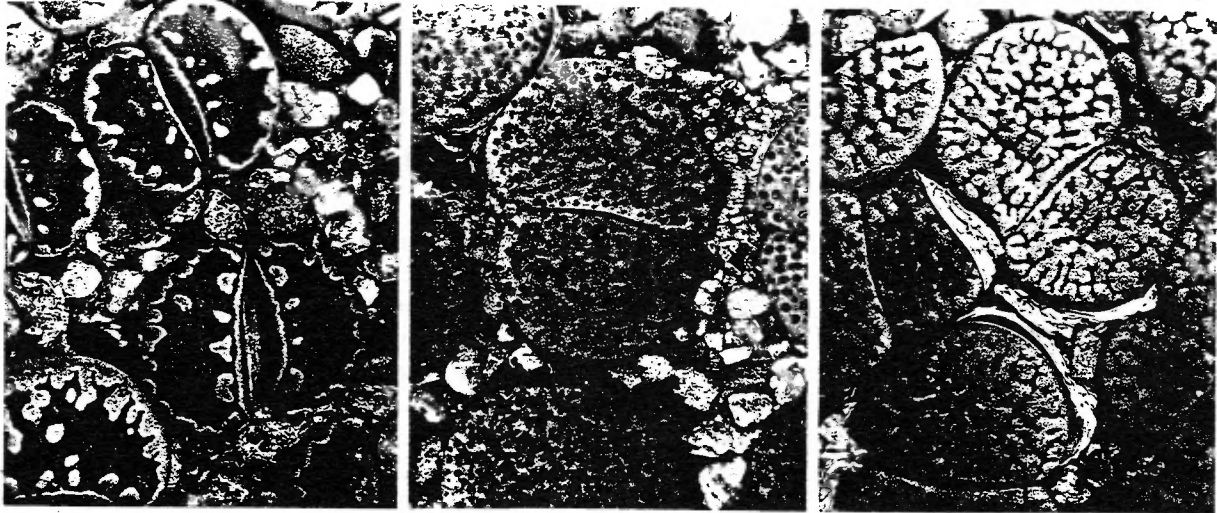
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ESPINAS Y FLORES**

# LIVING STONES — Growing Lithops & Conophytums

By David Tufenkian

COMMUNIQUE — FEBRUARY 1996 — NEWSLETTER OF THE SAN GABRIEL VALLEY CACTUS & SUCCULENT SOCIETY  
PHOTOGRAPHS BY JOHN N. TRAGER



When Eileen & I started in the hobby we bought several Conophytum and Lithops plants only to have most die after one or two years. This was because we tried to treat them the same. **They have virtually opposite growth seasons!!**

Lithops grow in both winter and summer rainfall areas of southern Africa while Conophytums are almost all from winter rainfall areas. In cultivation Lithops are summer growers while Conophytums are winter growers.

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## Conophytums

The growing season (winter) is usually announced by the flowers (in white, yellow, greenish, orange, pink & purple) pushing through the old leaves. Careful watering during the winter prevents leaves from splitting open. They prefer more frequent light watering to heavy soakings. (Steven Hammer often mists his plants several times a day!) In the summer, old, drying leaves protect the new growth. They are dormant during the summer and require shading. Only an occasional light misting is advised during this time.

## Lithops

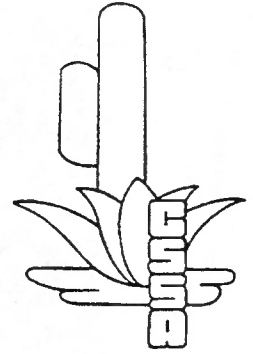
In the late summer, when the flowering starts (flowers are yellow or white), the plants should be watered. After flowering the plants should be allowed to dry. The plants then absorb water from their 'old' leaves while new pairs form. Ed Storms recommends not watering from the end of November until March! At that time most of the old leaves are dry and paper thin. In Spring, another period of watering will promote growth & plump them up for the hot summer. Only light watering is needed during the summer to prevent shrivelling.

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A couple words of advice regarding growing these plants: A standard succulent potting mix (good drainage!), good ventilation (they detest humid, stagnant air), and very dilute, low Nitrogen fertilizer will help. The plants are often potted so that 1/2 of the plant body is above ground. The upper half of the plant body is then covered with gravel. Group your plants by type so it is easier to water or withhold water. A large label with watering instructions can help! Buy the inexpensive book "THE NEW GROWING THE MESEMBS" by Ed Storms. This small paperback (58 pages) is full of information about habitat, soil, potting, watering and propagation.



**The Cactus and Succulent Society of America**  
presents its 28th Biennial  
International Convention  
**April 11-16, 1999 in Las Vegas**



Be a part of CSSA's ultimate convention of this millennium in fabulous Las Vegas. Cactus and succulent lovers will be able to attend an information-packed convention at the famous Tropicana, while accompanying guests may enjoy endless wonderment in the entertainment capital of the world. This is not a convention to miss. Arrangements have been made for discounted air fares and bus passes that run the "strip" every few minutes.

Pre- and post-convention tours to Death Valley, California, and to the south rim of the Grand Canyon in Arizona are on ATV Action Tours webpages at <<http://www.actiontours.com/cssa.html>> or for more information call them toll free at 1-888-288-5200, or 702-566-7400.

There will be four mid-week tours to choose from:

1. Red Rock Canyon, Spring Mountain Ranch, and Potosi Mountain;
2. Valley of Fire and Lake Mead (Glen Canyon);
3. Ash Meadows along with Devil's Hole, Pahrump Vineyards, and Potosi Mountain;
4. Castle Mountain Mine (Viceroy Gold Corp.), the New York Mountains, the Clark Mountains, and a taste of the East Mojave National Preserve.

Boxed lunches and beverages will be included on all tours.

The following succulent plants are those which may be encountered on the above mid-week tours:

**CACTACEAE**

- Coryphantha (Escobaria) vivipara v. desertii
- Coryphantha vivipara v. rosea
- Echinocactus polycephalus v. polycephalus
- Echinocactus polycephalus v. xeranthemoides
- Echinocereus engelmannii v. engelmannii
- Echinocereus engelmannii v. chrysocentrus
- Echinocereus engelmannii v. variegatus
- Ferocactus cylindraceus v. lecontei
- Mammillaria tetrancistra
- Neolloydia johnsonii v. johnsonii
- Neolloydia johnsonii v. lutescens
- Opuntia acanthocarpa v. coloradensis

**AGAVACEAE**

- Agave utahensis v. eborispina
- Agave utahensis v. nevadensis
- Yucca brevifolia v. jaegeriana
- Yucca baccata
- Yucca schidigera
- Nolina bigelovii

**AND MORE CACTACEAE**

- Opuntia basilaris
- Opuntia bigelovii
- Opuntia chlorotica
- Opuntia echinocarpa
- Opuntia erinacea v. erinaceae
- Opuntia erinacea v. ursina
- Opuntia littoralis
- Opuntia phaeacantha v. major
- Opuntia polyacantha v. rufispina
- Opuntia ramosissima
- Opuntia stanleyi v. parishii
- Opuntia whipplei

**CRASSULACEAE**

- Dudleya saxosa
- Dudleya arizonica, found in Kingston range and Clark Mountain
- Dudleya pulverulenta, found in Mountain Springs, NV

**The Convention Hotel is the TROPICANA —**

Prospective conventioners should contact the Tropicana Hotel directly and reserve rooms. The convention dates are April 11-16, 1999. Schedule your arrival by the afternoon of Sunday, April 11, in order to take advantage of the program on "Members' Slides" as well as joining us for the wine and cheese social which follows.

The Tropicana is located at 3801 Las Vegas Blvd. S, Las Vegas, NV 89019, USA. Reservations may be made by calling 800-468-9494 or 702-739-2222. Special rates, if you state you are part of the CSSA Convention, are \$79 weekdays and \$109 weekends.

CSSA President is Dr. Larry Mitich; Convention Chair, Duke Benadom, 805-526-8620 or [dukebenadom@earthlink.net](mailto:dukebenadom@earthlink.net) for answers to your questions; Convention Program Chairman and Rare Plant Procurer, Steve Hammer; Denni and Steve Plath are Convention Host Society Chairpersons; Mindy Fusaro, Convention Registrar and Treasurer; and Dr. Jerry Barad is Rare Plant Auction Chairman.



# CSSA 1999 Convention Programs at Las Vegas

## Sunday, 11 April

6:30 - 7:45 p.m. .... Members' Slide Show, hosted by Jon Dixon

## Monday, 12 April

Starting at 9 a.m. -

Susan Carter-Holmes ..... *Succulent Hunting in Zimbabwe*  
 Steve Plath ..... *Revegetating the East Mojave*  
 Larry W. Mitich ..... *Movers and Shakers, Part III*  
 Gerhard Marx ..... *The Euphorbia arida Complex*  
 Jerry and Bea Barad ..... *Half a Century with Succulent Plants*  
 Chris Barnhill ..... *The Flowers Behind the Plants*  
 6 p.m. Opening Banquet, with featured speaker, Graham Charles ..... *Peru, Dry Valleys to Lush Mountains*

## Tuesday, 13 April

Starting at 9 a.m. -

Eva and Voytek Foik ..... *Andean Fascination - Coastal Deserts and High Altiplano*  
 Mary Parisi ..... *Haworthias; Where Might They Grow?*  
 Tim Metcalf ..... *What's in Your Pot?*  
 Steven Hammer ..... *A New Look at Lithops*  
 Michael Louie ..... *Succulents in My Dessert*  
 Derek Tribble ..... *South Africa's Smallest Succulents*  
 6:30 p.m. .... Rare Plant Auction

## Wednesday, 14 April

Mid-week tour during the day

Evening programs at Tropicana only

6 p.m. .... Round Robin meeting, Braden Engelke  
 7:05 p.m. .... Affiliate Meeting, Rosalie Gorchoff

## Thursday, 15 April

Starting at 9 a.m. -

Eva and Voytek Foik ..... *Taxonomy, Taxonomy . . . I can't see the Difference*  
 Roger Brown ..... *Be a Creative Caretaker*  
 Inge Hoffman ..... *Peru - Cacti Wherever I Can Find Them*  
 Rob Wallace ..... *Understanding Plant Evolution*  
 Jon Dixon ..... *Cultural Panel*  
 7 p.m. .... Newsletter Editors' Meeting, Mac Clarke  
 8:05 p.m. .... Cacti\_etc Subscribers' Meeting, Bob Jewett

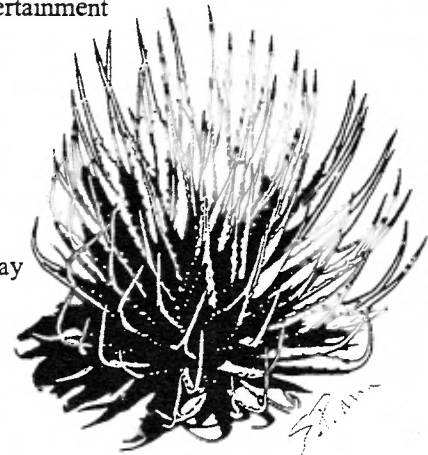
## Friday, 16 April

Starting at 9 a.m. -

Jon Rebman ..... *Cacti and Succulents of Lower California*  
 Susan Carter-Holmes ..... *Euphorbias of East Africa*  
 Derek Tribble ..... *Anacampseros and Avonia - Land Corals?*  
 Rob Wallace ..... *Phylogeny and Classification of the Mesembs*  
 Graham Charles ..... *Argentina, Land of Diversity*  
 Gerhard Marx ..... *Haworthia emelae and relatives*  
 6:30 p.m. .... Farewell Banquet, with entertainment

To request a CSSA Las Vegas Registration form write to: Mindy Fusaro - CSSA Convention Registrar, P. O. Box 2615, Pahrump, NV 89041; fax: (702) 751-1357. PLEASE LIST THE SAN DIEGO CACTUS & SUCCULENT SOCIETY AS YOUR CLUB AFFILIATION, SO THAT WE GET PROPER CREDIT! For information regarding Wednesday field trips, post-convention tours, lodging, etc., please contact Denni Plath in Las Vegas @ (702) 367-6336.

The CSSA has its own web site at <<http://www.cactus-mall.com/cssa/convprog.html>> where you may download your own registration forms and other information.



**Life shrinks or expands  
in proportion to one's courage.**

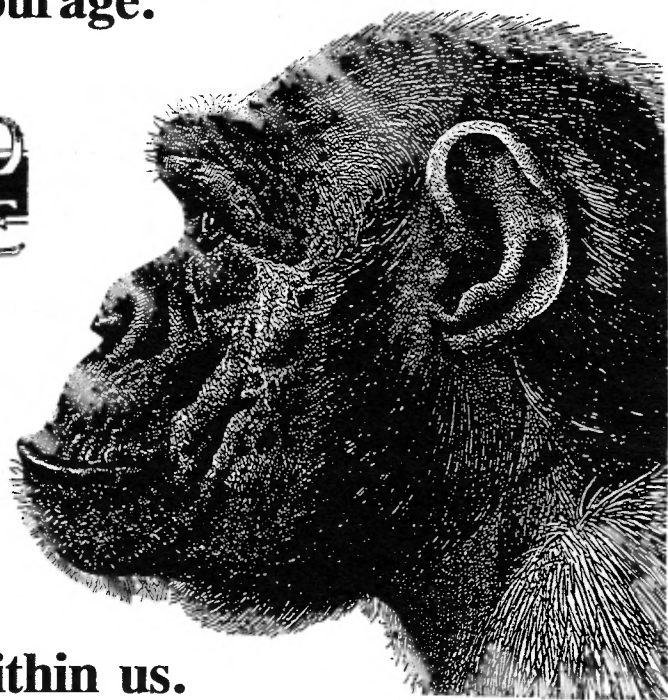
— ANAÏS NIN

**WISE AND  
OTHERWISE**

**by Michael Buckner**

**What lies behind us  
and what lies before us  
are tiny matters,  
compared to what lies within us.**

— RALPH WALDO EMERSON



. . . I am going to finish off this essay by saying what I myself want, and which, to a satisfactory degree, I already have. I want to spend time sitting still, or walking slowly, wondering at and feeling the basic sense of existence, of being alive-dead, of watching my breath, of hearing all sounds in the air, and of letting clouds and stars caress my eyes. I want to let go of anxiety and turn it into laughter, and realize absolutely that life and death are two sides of the same coin. I want a female companion who will, alternatively, melt into me and wrestle with me, obey me and object to me, admire me and then suddenly show that she can do so many things much better than I. I want to write and talk for interested audiences, to charm them, and play with their questions, but also to listen to people who can tell me things I don't know without being bores. I want to watch water which reflects many changing qualities of light and wind, and is visited by seagulls, pelicans, terns, grebes, and wild duck. I want to sit on some far-out rock or a lonely beach and listen to the waves and look at the Western sky at dawn. I want to shoot arrows so high into the sky that they seem to turn into birds. I want to see mountains and prowl through their foothills and forests, listening, at dusk, to unseen waterfalls.

. . . I want to see the reflection of light in glass and crystal, and, lying on the ground, to look up at trees patterning a vivid blue sky. At night to go to sleep beneath them, and to wake just before dawn when the stars can still be seen through their branches. I want to hear the bell of Nanzenji, a temple in Kyoto, at four in the morning — more of a gong than a bell. I want to go to Sikkim and Nepal to see the Himalayas, but not to climb them. I want to enjoy the company of certain friends, to eat Stilton cheese, melons, heavy black bread, and prosciutto, and to drink Gardner's Old Strong, a British ale which is no longer available.

Earthy as it may be, that is a glimpse of my idea of heaven.

— Alan Watts, *CLOUD-HIDDEN, WHEREABOUTS UNKNOWN — A MOUNTAIN JOURNAL* ; c. 1973, Pantheon Books - Random House, New York.

**It is in the knowledge of the genuine conditions of our lives that we must draw our strength to live and our reasons for living.**

— SIMONE DE BEAUVOIR

**It will soon be over.**

**Nothing as precious as Life  
could ever last.**

— STEPHEN JOHNSON

I feel myself sinking into the landscape, fixed into the landscape like a stone, like a tree. a small motionless shape of vague outline, desert-colored, and within the wings of imagination look down at myself through the eyes of the bird, watching a human figure that becomes smaller, smaller in the receding landscape as the bird rises into the evening — a man at a table near a twinkling campfire, surrounded by a rolling wasteland of stone and dune and sandstone monuments.

— Edward Abbey, *DESERT SOLITAIRE*

Up on northern Arizona's dusty Hopi Mesas a few years before [Edward] Abbey's death, a young couple noticed a non-Indian water truck parked near one of the reservation's small reservoirs. For hours, they watched some non-Indians, from Phoenix, more than a hundred miles away, operating hydraulic pumps that were sucking up scarce Hopi water — illegally.

Furious at this outlaw operation, the couple reported it to the legal arm of the tribal council. True, it was an illegal act the Indian lawyers said, and they went to court to seek an injunction, but not before asking the operators of the water truck to cease and desist. Laughing off that request, the truckers kept on filling their eighteen-wheel water tanker with stolen Hopi water.

Then the couple heard the bad news: A judge told the Hopi lawyers that the case could not be heard for at least two months. That wasn't good enough for the couple, who had once heard Ed Abbey say at a gathering in Flagstaff: "We must strike back at the Empire, oppose, resist, subvert. It's a matter of honor."

Gathering a small group of Indians and non-Indians together after midnight, the couple crept toward the truck while the operators were sleeping in a motel nearby, and carried out their plan. Two of them deflated all eighteen of the truck's tires while other monkey wrenchers poured Karo syrup and sand into the engine crankcase and then disconnected all the important wiring. Before dawn, they walked silently away.

It took about six weeks for the trucking company to repair their huge vehicle so that they could pump water again. Then, two days after the pumping had resumed, the injunction came down and they were forced to abandon the operation. "Nobody was hurt," one of the monkey wrenchers said later. "When we saw that the justice system wasn't working, and the instruments of terrorism were operating outside the law, we felt we had no choice but to strike back. So we sabotaged that instrument — Abbey Lives."

James Bishop Jr., *EPITAPH FOR A DESERT ANARCHIST - THE LIFE AND LEGACY OF EDWARD ABBEY*; 1994, Atheneum - Maxwell Macmillan International, New York.

Be happy.  
It's one way of being wise.

— COLETTE

WISE AND  
OTHERWISE

The human condition is such that pain and effort are not just symptoms which can be removed without changing life itself; they are rather the modes in which life itself, together with the necessity to which it is bound, makes itself felt. For mortals, the "easy life of the gods" would be a lifeless life.

— HANNAH ARENDT

*A Current Story* — There is a low dive around here in Matamoros that's known as "El Bastantito" [diminutive of *bastante*—plenty, enough]. Because they'll give you plenty to drink for just a few coins. They gather the leftovers from other saloons and sell them every morning to all the hung-over bums who are good and broke by then. They gather in front of the place very early in the morning, waiting for it to open.

But some of them are so broke they cannot scrape up enough for a single drink. So you know what they do? Six or seven of them get together and collect enough for one good drink of mezcal, real rotgut stuff. And then they draw lots to see who is going to drink it.

And then they all stand in line in front of the door of the saloon, and when they serve the mezcal to the first man in line, they all hold hands in the form of a chain. The first man downs the mezcal and begins to quiver and twitch, and then the man next to him begins to do the same, and so on down the line until the shock has passed down to the last one.

— from *FOLKTALES OF MEXICO* edited and translated by Américo Paredes; 1970, University of Chicago Press.

**The San Diego Cactus & Succulent Society, Inc.**  
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## *Espinas y Flores*

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The San Diego Cactus and Succulent Society, Inc. is open to all persons interested in growing cacti and other succulent plants. Meetings are held the second Saturday of each month (except June, Sept. and Dec.) at 1:00 PM in room 101, Casa del Prado, Balboa Park. Executive Board meetings are open to all members; call any officer or director for the time and location. Annual dues are \$10.00 per single member per year, \$5.00 for each additional member within the same household. Single copies of *Espinas y Flores* are \$1.00 per copy sent within the USA; foreign subscriptions are \$25.00. Affiliated with the Cactus and Succulent Society of America, Inc. Fax available - please call editor at (619) 222-3216 for number.

The San Diego Cactus & Succulent Society Presents:

# SECOND ANNUAL WINTER SHOW AND PLANT SALE

FOR ADDITIONAL INFORMATION:  
ED DELOLLIS (760) 945-7892  
OR  
TOM BIRT (619) 452-0389

"WINTER GROWING  
SUCCULENTS"  
PRESENTATION BY  
STEVEN HAMMER  
2:00 PM



*Living Rocks, Tiger's Jaws,  
Baby Toes. Oh My!*

**SATURDAY, JANUARY 9, 1999**  
**10 AM - 5 PM**  
**ROOM 101, CASA DEL PRADO**  
**BALBOA PARK - SAN DIEGO**

## SAN DIEGO CACTUS & SUCCULENT SOCIETY 1999 CALENDAR

1999 - MONTH - 1999	CACTUS OF THE MONTH	SUCCULENT OF THE MONTH	PROGRAM	SPECIAL EVENTS
<b>January 9</b> - 10:00 am to 5:00pm	<b>MINI - WINTER SHOW</b> 10am - 5pm <i>Wonderful Winter Blooms!</i>	<b>BOOK, PLANT &amp; CERAMIC SALE</b> 10:00am - 2:00pm 3:30pm - 5:00pm	<b>Steven Hammer</b> - Winter Growing Succulents - 2:00pm	★ <b>Please Help!!</b> ★ <b>Contact: Ed DeLollis</b> <b>(760) 945-7892</b>
<b>February 13 @ 1:00</b>	<i>Uebelmannia</i> Ric Newcomer	<i>Tylecodon</i> Phil Bunch	<b>Guy Wrinkle</b> - Exploring Ecuador	CSSA Convention in Las Vegas - APRIL 1999 (702) 751-1320
<b>March 13 @ 1:00</b>	<i>Matucana</i> Ed Nolan	<i>Ibervillea, Xerosicyos &amp; other</i> <b>Cucurbits</b> Alan Weiss	<b>Myron Kinnach</b> - <b>(Editor of CSSA Journal)</b> Gibraltar & Beyond	<b>LOTUSLAND Field Trip</b> Saturday, March 20th (619) 477-4779
<b>April 10 @ 1:00</b>	<i>Notocactus</i> Marilyn Newcomer	<i>Alluadia &amp; Didierea</i> Joe Quijada	<i>to be announced</i>	<b>Buds &amp; Blooms April 24</b> <b>EarthFair April 25</b>
<b>May 8 @ 1:00</b>	<i>Sulcorebutia</i> Jeff Harris	<i>Sempervivum</i> Nibby Klinefelter	<b>Ric Newcomer</b> - <i>Copiapoa</i> Care & Cultivation	Mother's Day -- Annual Epiphyllum Show & Sale Balboa Park
Saturday, <b>June 5</b> and Sunday, <b>June 6</b> (set-up Friday, June 4)	Friday 10am - 8pm Saturday Noon - 5pm Sunday 10am - 5pm.	★ <b>Please Volunteer</b> ★ <b>We need everyone's</b> <b>HELP!! SALE BEGINS @ 9AM</b> <b>Saturday &amp; 10AM Sunday</b>	<b>JUNE SHOW &amp; SALE</b> Balboa Park - Room 101 Bring your show plants in on Friday, June 4	<b>You can help by:</b> <b>Putting up Posters, or</b> <b>Cooking something for</b> <b>the Judge's Lunch.</b>
<b>July 10 @ 1:00</b>	<i>Epicactus, Etc.</i> Jerry Williams	<b>Micro &amp; Miniature</b> <b>Euphorbias</b> Monte Woodworth	<b>Duke Benedom</b> - South African Odyssey	Balboa Park <b>Desert Walk</b> on the 4th Saturday (619) 272-8897
<b>August 14 @ 1:00</b>	<i>Monvillea &amp; other edible</i> <b>cacti</b> Virginia Innis	<i>Tillandsia</i> Gary Noel	<i>to be announced</i>	<b>INTER-CITY SHOW @ Los</b> <b>Angeles Arboretum</b> (805) 944-2784
<b>September 11</b> 11:00am to 4:00pm	<b>ANNUAL POTLUCK PICNIC</b> San Digueto Park Solana Beach	<b>PLANT AUCTION</b> Contact Betty Athy (619) 469-7647	Homemade Goodies! Picnic info: (619) 270-5544	HUNTINGTON ANNUAL SUCCULENT SYMPOSIUM (626) 405-2100
<b>October 9 @ 1:00</b>	<i>Melocactus</i> Pamela Badger	<i>Graptopetalum / Graptoveria</i> <i>Pachyphytum / Pachyveria</i> Joyce Buckner	<i>to be announced</i> - * <b>Programs Chairman:</b> <b>Kelly Griffin</b> <b>(760) 942-4866</b>	Don't Miss the <b>Quail Botanical Gardens</b> <b>Annual Plant Sale</b> (760) 436-3036
<b>November 13 @ 1:00</b>	<b>Rare Cacti of Mexico</b> Woody Minnich	<i>Aloinopsis &amp; other mesembs</i> Jeff Wright	<b>Woody Minnich</b> - <i>to be announced</i>	Election of SDC&SS Board Members for 2000 - 2001
<b>December 12 @ Noon</b>	<b>HOLIDAY DINNER</b>	<b>GIFT EXCHANGE</b> <b>PLANT GIFT DRAWING</b>	<b>POTLUCK DESSERTS</b>	<b>Christmas on the Prado</b> <b>December 3 &amp; 4</b>

*Please Note: All programs subject to change! Always check Espinas y Flores for program update.*