



DECEMBER NOVICE MEETING

CANCELLED

DECEMBER GENERAL MEETING

CANCELLED

WHEN IS THE NEXT MEETING?

By Michael Orser, ed.

The SDCOS is having their annual holiday party. We'll get things back to normal in January 2005. Do not forget, December is the time of the year we get to be with our family and loved ones, so put on your smiles and have faith!. This will prove to be a warm and happy occasion whether you believe in Hanukkah, Kwanzaa, or Christmas! Please read page three for more information as to our next meeting. Hey, for the record! I like the idea of calling this the Christmas party (notice I did not use SDCOS). If you wish to call it the Hanukkah party, then by all means, so be it! Kwanzaa party? Why not? You are all different people, and that is what makes this society (heck, this country!) so great! The fact that we can celebrate the holidays together is what makes us strong. Let us not deteriorate on either generalizing the label (holiday party) nor specifically denying other's right to worship! Merry Christmas to all! Happy Holidays to all you atheists! Joyful Kwanzaa! And Happy Hanukkah! So please take no offense when I say Christmas party, as you now know what I mean to convey.

NET NUGGETS

Ron Kaufmann

kaufmann@sandiego.edu

Slipper Orchid Alliance

www.slipperorchid.org

The Slipper Orchid Alliance (SOA) is an international organization dedicated to plants that have a pouch in place of the typical orchid lip. Slipper orchids include plants belonging to five different genera: Cypripedium, Mexipedium, Paphiopedilum, Phragmipedium, and Selenipedium. The SOA web site is a useful resource for anyone interested in the alliance or in the fascinating orchids to which it is dedicated. For people who'd like to join the SOA, membership information and an application are included, as is an outline of the organization's objectives, a list of officers, and a description of events sponsored by the SOA. This site still is under development, but the most complete feature is a list of species and registered hybrids in the three largest slipper orchid genera: Cypripedium, Paphiopedilum, and Phragmipedium. For each genus, the site includes culture sheets; a list of species, most with links to photographs; and a list of hybrids, including parentage, year of registration, and, in many cases, links to one or more images. The pages for Paphiopedilum and Phragmipedium also include a separate list of the newly described species in each of these genera; nearly all of these entries are illustrated with images. If you're interested in joining the SOA or simply would like to browse a great photo collection and learn more about these intriguing orchids, visit www.slipperorchid.org.

Members and Advertisers

If you have monthly meetings, classifieds, submissions of interest, or announcements related to orchids, **to be considered for publication in the upcoming January issue, please contact us by December 17th.**

You are encouraged to contact the editor by either email or phone BEFORE noon, or after 6 pm ONLY.

Michael Orser at 619.269.3445 or editor@sдорchids.com

Advertisers: please contact Marjorie Kuhlmann at 858.675.0885 or m_kuhlmann@sbcglobal.net under the same deadline as in bold above.

The San Diego County Orchid Society

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SAN DIEGO COUNTY ORCHID SOCIETY

OUR PURPOSE: *To promote interest in orchids and their cultivation, to educate by exchanging information and experiences related to successful orchid culture, and to support the conservation of orchids in the wild.*

SDCOS meetings are held the first Tuesday of each month at Casa Del Prado in **Balboa Park**. We invite you to join the society to receive the monthly newsletter and many other benefits.

Beginner's Class: 6:30 pm, Room 104
General Meeting: 7:30 pm, Room 101

If you would like to join the society, please send your check for \$15 for individual, \$20 for Dual membership, payable to SDCOS, to:

Tess Taylor
SDCOS Membership
P.O. Box 161020
San Diego, CA 92176

or email: tess_mazza@hotmail.com

UPCOMING CALIFORNIA EVENTS

February 10-13

Fascination of Orchids International Show, South Coast Plaza Crate & Barrel Wing, 3333 Bear St., Costa Mesa, CA. Contact: Tony Glinskas, 714.962.8165.

HELP IS NEEDED WITH THE NEWSLETTER MAILING

Hi Everyone,

I've had help from Helen Odom and Ethel Warner over the past few years in readying the newsletters for mailing. Time and circumstances have made it where they can no longer help, and I want to thank them for being there and for their service to SDCOS.

I need a couple of people that I can count on to help out on a once a month basis, usually a Friday or Monday, one week before the meeting. Every once in a while it may be a little earlier as we anticipate heavy mail during that mailing time (ie: Elections, Holiday mail, etc.).

I live in Rancho Bernardo and take the mailings to the Carmel Mountain Postoffice, so prefer to do the mailing as my home as it's too much to lug all the materials around. (If we are here during lunch time, I'll even provide lunch!)

If you are available please call me at: 858.675.0885 or email me at:
m_kuhlmann@sbcglobal.net

Thanks,

Marjorie Kuhlmann

Holiday Orchid Sale

Saturday, December 11th
from 9am until 12pm

From the collections of:

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Siv Garrod	Tricia Moorea
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David Graham	Surprise Guests!!!

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What was published last month was incorrect.

Here is the corrected information:

2004 SDCOS Annual Christmas Party

December 7, 2004 starting at 6PM
(in lieu of our General Meeting)

We will repeat our very successful Potluck hors d'oeuvres/ dessert party!!

If your last name starts with:

A through N- please bring appetizers, finger foods or hors d'oeuvres

O through Z-please bring a dessert

Back by popular demand! The annual plant exchange! All participants bring an orchid to be exchanged in this fun event. Remember to put your name and your plant's name in the pot for identification.

And do not bring display plants. This is members only, due to limited space in our room. Remember: This is in lieu of our general and novice class meetings

Volunteers for set-up are cheerfully welcome from 2pm to 4pm!

Thank you in advance!! Come start your holiday season off right. All SDCOS members will also receive a free orchid plant. So if you bring one orchid, you will leave with two!

Casa de las Orquideas

The 2004 Casa de las Orquideas Open House is set for December 4 and 5! We will have 10,000 new cymbidium seedlings, plus the first release of Cym. Black Forest 'Dark Spirit' HCC/AOS. The Rowland Collection, Islander Delights. And, for the first time, Andy's Orchids will join us this year!

Where: Our nursery,
170 S. Nardo Ave., Solana Beach, CA 92075

Time:

10 AM - 4 PM, Saturday and Sunday, December 4-5.

Contact us at 858.755.7572 or casa@orquideas.com.

Parking is limited. Please consider carpooling.

Spring 2005 Show News

This year's Spring show theme is "Ooh-la-la!" and was submitted by Sue Foquette. The significant information I can give you is:

April 2005

7th setup

8th-10th show and sale

PLEASE NOTE: tickets will be available ONLY at the SDCOS meetings, beginning with the January meeting. You buy a book of 5 and you get the sixth ticket free. Tickets are \$5 each. Other than the SDCOS meetings, show tickets will sell at the front door on the show dates for \$6! There will be NO ticket mailout! The last chance for the discount tickets will be at the April 5th meeting.

Volunteer sheets will begin to appear in the February SDCOS meetings through April. Remember, this is the SDCOS (everybody reading this) show, what will you do to help?

Happy Holidays!

Looking for a Christmas gift?

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DAVE REID'S ORCHIDS

Toward a Theory of Plant Blindness

by Elisabeth E. Schussler, James H. Wandersee
Plant Science Bulletin, Emporia State University, Vol 47,
No 1, Spring 2001

PART FOUR OF FOUR

A Possible Long-Term Solution to the Plant Blindness Problem

Based on the evidence we have gathered to date, we hypothesize that early and iterative, well-planned, meaningful and mindful education (both scientific and social) about plants — coupled with a variety of personal, guided, direct experiences with growing plants — may be the best way to overcome what we currently see as the human “default condition” — plant blindness.

Plants, Culture, and Plant Blindness

We also postulate that the greater the degree of value a culture ascribes to plants, and the greater number of members within it who work directly with plants or plant products, the more likely the prevalence of plant blindness in that culture will be lower (cf. Balick & Cox, 1996). As Charles Lewis (1996, p. 22) contends, “Those who live by hunting or gathering, fishing or farming, must observe nature’s signs....Changes in foliage color would be a strong indication that preparation for surviving the long winter should begin.”

In addition, Lewis (1996, p. 20) asks: “If dwellers in the savanna [of Africa] did use tree shapes and the visual appearance of the terrain for swift assessment of its potential as a habitat, could they not have evolved innate preferences for particular landscape characteristics (preferences that resonate within us today)? Investigators have found that Americans like park settings that might be characterized as ‘savannas’...” Research by Balling (a psychologist) and Falk (an ecologist) found that younger school children (ages 8-11) who were shown slides of five different biomes expressed a significant preference for savanna-like settings, and later found that only after people grow older do they begin to select more varied landscapes — usually of the type familiar to them (1982).

A Botanical “Sense of Place”

Hollingsworth (2001) writes about the value of capturing one’s sense of place photographically — via a close-up, a detail, a panorama, or a landscape scene that approximates a still-life painting of an importance site in one’s personal history. At the beginning of a graduate seminar in botanical education, we also explored this idea, by asking the participating science instructors to prepare and then give brief, 5- to 10-minute talks describing their own botanical sense of place — reflecting upon salient memories drawn from childhood days, and specifying several kinds of plants which grew in their yard or neighborhood that played a role in their life while they were growing up — and situating their hometown in its ecological and economic botany settings. It seemed to be a worthwhile exercise in self-discovery for them — realizing who their plant mentor was (if they had one); which plants they often used for play, for shelter, for scent, or for taste; what kind of bioregion they lived in; what

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kinds of area cash crops became familiar to them; and so forth. More importantly, it brought prior knowledge about and experiences with plants to the fore, and it provided accessible, conceptual anchor points for linking the new botanical knowledge they were learning to their existing knowledge structure about plants (Fisher, Wandersee, & Moody, 2000; Mintzes, Wandersee, & Novak, 1998, 2000).

Some Activist Approaches We Are Trying

“Prevent Plant Blindness.” Those three simple words are emblazoned diagonally across our 20” x 30”, bulletin-board-sized, full-color, classroom poster which is being distributed to more than 22,000 US science teachers and botany instructors as part of our national campaign to increase students’ awareness of and interest in plants. We designed the poster to be initially puzzling, and to elicit inferences about its meaning. This aligns with Solso’s (1994, p. 26) tenet drawn from visual cognition research which says “...we gaze longer at interesting or puzzling things...” The poster shows a treelined, riverine landscape. Hovering, Magritte-like, in the sky above is a large pair of dark-red-tinted glasses. The implication is that someone wearing those red glasses would not be able to see any of the green plants shown in the scene below—that if one’s vision is “filtered,” either physically or conceptually, one may actually miss seeing the plants that are present in one’s environment. The back of the poster provides a complete definition of plant blindness, lists its symptoms, and offers directions for 20 simple, plant-science-related activities. This poster was subsequently endorsed by BSA’s Education Committee.

Besides the plant poster project, we have also written, illustrated, and published a 40-page children's science picture book which presents a plant mystery to children between the ages of 4 and 8 (Schussler & Wandersee, 1999). It is intended to be the first of a series of mystery books involving the two main children's characters, who are portrayed as being best friends, namely—Abby and Tate. The first book subtly introduces its "readers" to some basic principles of plant care and encourages them to try raising an African Violet plant. We have introduced the book to a fair number of elementary teachers, parents, and grandparents, and have made it available at cost on Amazon.com. It has just been translated into Spanish by plant ecologist Sandra M. Guzman, and a Spanish version will be available in about six months.

In addition, in 1998, we founded a science book award, now recognized by children's literature libraries and authors worldwide, called the Giverny Award. It is given each year to the author and illustrator of the book selected by the Award Committee as the best children's science picture book in our selection pool—with preference given to storybooks that teach plant science concepts and principles in an indirect and engaging way. Each year's winning book is described on our research group's web site (<http://www.15degreelab.com>) We hope that our annual book award, children's plant mystery books, classroom poster design and distribution, research publications, and regular presentations at selected, science teachers' and scientific society meetings will, at least in a small way, help increase

the US public's awareness and interest in plants.

Brief Closing Remarks

If we are to liberate American students from the intellectual, perceptual, and visual processing traps that can lead to plant blindness, those of us who teach introductory biology and botany courses must work to expand our students' botanical horizons. While biological science departments may be currently reorganizing themselves along the lines of common research themes rather than taxa of organisms studied, plants stand as distinctively different life forms from humans, life forms that have, historically, rewarded our focused study, observation, and investigation. We think there are sound scientific reasons why botany, like the plants it studies, needs to maintain its own visibility and identity (Greenfield, [1955] 1999).

In BSA's strategic plan, Botany for the Next Millennium (Niklas 1995, p. 11) we read that, "Functionally, plants are the primary mediators between the physical and biological world." That is no minor feat; that role alone calls out to those who teach biology and botany to help "Prevent Plant Blindness."

And there are two pages of references, check out the on-line version!

<http://www.botany.org/bsa/psb/2001/psb47-1.pdf>



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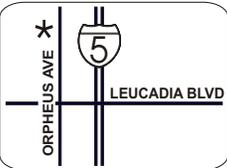
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SDCOS Conservation Grant Awardees 2004

Submitted by [Ron Kaufmann](#)

The SDCOS Conservation Committee met on October 2 to evaluate applications from a number of people and organizations. After careful consideration, the Committee recommended the following grants for funding.

1. **Orchid Conservation in the Eastern Andes of Ecuador.** Submitted by Lou Jost, Baños, Ecuador. Over the past several years, Lou Jost has been mapping the distributions of *Lepanthes* and other orchids with restricted ranges in the mountains of eastern Ecuador. His past work, funded in part by the SDCOS, has enabled him to recognize some of the factors that cause certain forests in his study area to have high levels of orchid biodiversity, while other areas contain fewer orchids. Some of these exciting discoveries were presented in his talk at the SDCOS general meeting in September. Lou will use his understanding of orchid ecology to pinpoint specific tracts of land for conservation. This project will involve the assessment of forest in eastern Ecuador, with the goal of identifying areas that would be excellent candidates for orchid reserves. He will carry out botanical surveys, contact landowners, and petition the Ecuadorian government to confer conservation status on the areas he identifies. Ecuador is thought to contain more orchid species than any other country on earth, and this project should help to preserve some of the richest orchid habitat in the world. Total amount requested and recommended = \$2,100

2. **Status, Pollination Ecology, and Genetic Diversity of Endangered Orchidaceae.** Submitted by Michael Kane and Scott Stewart, University of Florida, Gainesville, FL. The state of Florida contains a number of native orchid species, some of them critically endangered. Conservation of these species requires an understanding of each species' status as well as its biological and ecological requirements. This information is not readily available. As a first step toward conserving these endangered orchids, this project will target three terrestrial species with restricted distributions: *Habenaria distans*, *Habenaria macroceratitis*, and *Spiranthes floridana*. For each species, known sites will be surveyed and monitored, and the pollination ecology will be studied. During the survey trips, small amounts of plant

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tissue will be collected to assess the genetic diversity of each population. The results of this study should add to the small pool of scientific data on the status and pollination biology of North American native orchids. Ultimately, this information can be used to make more informed decisions about the best ways to conserve these endangered orchids. Total amount requested and recommended = \$2,400

3. **Orchid Abundance along Forest Successional Gradients: Rare Orchids, Rare Habitats, or Rare Fungi?** Submitted by J. Hope Hornbeck, D.J. Leopold, and T.R. Horton. State University of New York, Syracuse, NY. In New York state, all native orchid species are designated as vulnerable and protected under state law. However, there is a serious lack of knowledge concerning orchid management and conservation. All terrestrial orchids require a mycorrhizal fungal symbiont for at least part of their life cycle, and these fungi likely play an important role in the patchy distribution and often extreme rarity of the orchids with which they coexist. This study will examine the relationships between orchid habitats, population status and the ecology of fungal symbionts in relation to features of the forests in areas where these protected orchids occur. This work should greatly expand the understanding of habitat requirements for terrestrial orchids and provide valuable information for the conservation of terrestrial orchids in New York and elsewhere. Total amount requested and recommended = \$2,160

4. **The Two Worlds Dry Forest Corridor.** Submitted by Joe Meisel and Catherine Woodward, Ceiba Foundation for Tropical Conservation, Chicago, IL. The destruction of tropical rainforests has captured a tremendous amount of attention. However, there are other tropical ecosystems that face far graver threats. One of these ecosystems is the tropical dry forest of western South America, identified as one of the most severely threatened habitat types on the planet. Tropical dry forests support a high degree of orchid diversity, as well as numerous other epiphytes and animals found in no other habitat on earth. In the northern Manabí province of Ecuador, deforestation has reduced dry forest habitat to approximately 2% of its former extent. The vast majority of this province now is dominated by pasture, with occasional patches of forest. This project will protect the forest of northern Manabí and connect them into a single, large preserve by conserving the existing forest patches and linking them by reforestation of the intervening pasture land. The inception of this project began with the establishment

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in February 2004 of the 500 acre Lalo Loor Dry Forest Reserve. Lalo Loor will serve as the core site around which the rest of the corridor will be assembled. The completion of this project will require 10 years, divided into three phases. The first phase will last three years and target a number of important goals, including

- Expansion of the Lalo Loor Reserve through conservation and purchase of adjacent land
- Surveying of the remnant forests to construct inventories of the species that live there
- Establishment of relationships with land owners to lay the groundwork for conservation or acquisition of land
- Initiation of environmental education programs in Lalo Loor and in local schools throughout the region
- Installation of an educational display on orchid biology and ecology at the reserve, including exhibits of labeled plants along trails near the visitor center

The Ceiba Foundation has received past support from the SDCOS. In 1999, the SDCOS funded the Ceiba Foundation to obtain the first-ever conservation easement in Ecuador and the establishment of the highly successful El Pahuma Orchid Reserve. The proposed effort will require financial support over at least a 10 year period, and the first few years are critical to the success of the overall project. Money provided by the SDCOS will provide assistance during the initial phase of the project and will help the Ceiba Foundation to attract additional funding from other sources. Total amount requested and recommended = \$6,000 per year for three years

A motion to approve these proposals was passed by the members present at the November general meeting of the society.

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SDCOS Supports Restoration of Orchid Books at SDSU Library

Submitted by [Ron Kaufmann](#)

The San Diego State University Library houses an outstanding collection of rare and special orchid literature, known as the Reginald S. Davis Orchid Collection. This collection was established in 1972 through the donation of 2,000 volumes, including books and periodicals from the library of Reginald S. Davis. In 2001, the collection was enriched by the addition of approximately 600 volumes that originally belonged to the SDCOS and had been housed at the San Diego Natural History Museum. The SDSU library has continued to expand the orchid book holdings, and the Davis collection now numbers approximately 3,000 volumes. Some items from this valuable collection were on display at the SDCOS show in March 2004.

This fall, the SDCOS received an application from the SDSU library to support the restoration and curation of several rare volumes in need of attention. These books date from the late 1800s and early 1900s, and all are in danger of further deterioration if they are not restored in the near future. Restoration of these volumes will involve removing damaging and acidic materials in the bindings and enclosures and constructing new, acid-free bindings and archival casings to protect the books. The SDCOS board has recommended that this request, which amounts to \$3,490, be supported by the society from the Garner Educational Fund. A motion to approve this proposal was passed by the members present at the November general meeting of the society.

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Q & A

Q My name is Marie Viallet. I am a member of the [Southeastern Pennsylvania Orchid Society](#). I am planning a trip out to San Diego. Could you give me a list of "to-visit" nurseries and botanical institutions?

A Nurseries

- See our [SDCOS Newsletter](#), and you will need Adobe Acrobat on your system.

Botanical institutions

- [San Diego Zoo](#), third Friday of the month (sorry) has Orchid Obsession. It is their "open house" for the orchid greenhouse. Otherwise, they do have some orchids mixed with their fauna, you have to look around. Cost: Zoo admission.

- [Balboa Park](#) Check out the Botanical Building. FREE

- [Quail Botanical Gardens](#)

- [San Diego Wild Animal Park](#) - see the Zoo above. They also have some orchids mixed with their fauna.

Q Sirleen Ghileri of the [Santa Cruz Orchid Society](#), up the coast in California - I was reading your November newsletter on-line and wonder if you would explain to me how your plant exchange works?

A The Christmas dinner is for members only (no guests). A member can bring a plant and it should have two tags attached to it...1) the members name 2) the plant name. At the door they should also get a ticket that has two parts to it and is numbered on both halves for the ticket. Place one side of the ticket in your plant and take your plant to the exchange table. (It really helps to have those printed tickets with the number on both sides or ends). After the social hour, announcements, dinner and dessert are over, either a special member of the year or a random ticket is chosen. That person gets to go to the plant table and pick the first plant. The person who brought in that plant is then called and they get to go pick the next plant and so on and so forth until all the plants have been picked. We get in the neighborhood of 100 - 300 people at our Christmas dinner, so be prepared for it to take some time.

Thank you Nancy Gross for filling in last month's blank!

1993 Jewels of Nature
1994 Kaleidoscope of Orchids
1995 Orchid Safari
1996 **Golden Anniversary Show and Sale**
1997 Orchid Ole
1998 Jungle Gems
1999 Orchid Oasis
2000 Orchid Odyssey
2001 55th Annual Orchid Show and Plant Sale
2002 Orchid Obsession
2003 Jewels of the Jungle
2004 Orchids California Style
2005 Ooh-La-La

We wish Happy Holidays to all Orchid Lovers



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You'd better not cry
You'd better not pout
I'm telling you why...**



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SDCOS Board of Directors Meeting



Submitted by Lynn Dornfeld

November 9, 2004: Called to order at 7:37PM

Present: Gary Pierwola, Ivan Harrison, Bill Molnar, Lynn Dornfeld, Lynn Ford, Genie Hammond, Bob Clark, Charlie Fouquette, Sam De Maria, David Brown

Others Present: Joe and Rose Alessi, Rosemary Harrison, Ron Kaufmann

Reports

1. Minutes of the October meeting were read, revised and approved by motion. Notice for December Holiday meeting will be changed to reflect Hors D'oeuvres /Dessert Potluck, not dinner. Mike Orser to note changes in December newsletter.

2. Treasurer-Lynn Ford-October report was read, discussed and approved by motion. Lynn Ford will discuss revision of monthly reporting form with accountant to make income/expenses more easy to understand.

3. Due to December Holiday meeting we will have no speakers.

Old Business

1. Gary will be supplying plants for the December Holiday meeting member give-away.

2. Charlie will get the wine.

3. Still arranging help for Plant Exchange. Anyone who wishes to bring a orchid plant to participate, please put your name in the plant you bring for the exchange.

4. Gary will be at our regular meeting room to start the set-up by 2PM on December 7th for the annual Holiday meeting. All volunteers can arrive between 2 and 4PM to complete set-up for the party.

5. Members will be reminded about the plant exchange in the December newsletter.

New Business

1. Ivan Harrison has resigned his position as First Vice President and it was accepted by the Board of Directors. NO FURTHER DISCUSSIONS

Meeting adjourned at 8:28PM

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HELP HOTLINE

The SDCOS offers this service to members who seek cultural information about their orchids. Here are some friendly hobbyists with a great deal of experience about certain types of orchids, and who have kindly volunteered to answer your questions

Cattleyas, Oncidium/Odonts, Vandaceous,
Greenhouse grown, West SD County
Forrest Robinson - 858.270.6105

Species, all types, Indoor and Outdoor
Ann & Paul Tuskes - 858.274.5829

Paphiopedilums
Ann Tuskes - 858.274.5829
Bob Hodges - 619.461.4915

Phalaenopsis, Cattleyas, and Dendrobiums
Bob Swanson - 619.465.2297

Vandas, Ascocendas
Edith and Leno Galvan - 619.441.7503

Encyclias, Epidendrums, Laelias
Tom Osborn - 760.787.0282

Pleurothallids
Don van Kekerix - 619.224.4938

Cymbidiums
Loren Batchman - casa@orquideas.com
Sam DeMaria - 619.295.2951

Northeast County, all types
Dave Reid - 760.728.7996

San Diego West County, all types
Jean Beck - 619.435.8211

San Diego Central, Outdoor, all types
Jim Wright - 619.276.5295
Fred Tomaschke - 619.276.3235

San Diego East County, all types
James Masst - 619.443.2800
Bud Close - 619.444.8839

South County all types
Genie Hammond - 619.426.6831
Ed Marty - 619.470.7175

DATES TO REMEMBER...

December 4th, 9:00 am
SDCOS Species Group Meeting
First Saturday each month
Paul or Ann Tuskes 858.274.5829

December 6th, 7:00 pm
Quail Botanical Gardens Judging Center
First Monday each month Encinitas. Bring your plants!
Make those judges work!

December 7th, 6:30 pm
2004 SDCOS (members only) Christmas Dinner
Room 101, Casa del Prado, Balboa Park
Bill Molnar 619.229.9220 or
Gary Pierwola 619.426.9108

December 14th, 7:00 pm
SDCOS Board Meeting
Second Tuesday each month
Balboa Park
Lynn Dornfeld 619.889.4612

December 15th
General Meeting at 7:00 pm
Always a speaker, Q&A session and raffle
Cymbidium Society Meeting
Third Wednesday each month
Carlsbad Women's Club
Info: 760.753.6952

December 17th, 10 am - 2 pm
San Diego Zoo's Orchid Obsession
It's their orchid greenhouses open house
Third Friday each month
Janette Gerrity 619.231.1515 ext. 4306

December 17th, 6:45 pm
Palomar Orchid Society Meeting
Third Friday each month
The Carlsbad Women's Club
Melana Walding, 760.295.7228

December 18th, 9 am
Hybrid Orchid Group
Third Saturday each month
Helmut Rohrl
Applied Physics & Mathematics Bldg. UCSD
Info: 858.452.0976



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Saturday 9:00am-4:00pm

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Membership Chairman - [Tess Taylor](#)
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