



# Palomar Orchid Society

## Dates to Remember:

- **August 6, 2011**  
Saturday  
POS  
Annual Auction
- September 24-25, 2011  
Fascination of Orchids  
South Coast Plaza  
Santa Ana
- Sept. 30, and  
October 1-2, 2011  
San Diego International  
Orchid Fair  
San Diego Botanic Garden

*No Regular August Meeting!*

It's time for the Annual Auction!

**Saturday, August 6**

**Setup and Plant turn-in starts at 8:00 am**

**Preview 11:00 am**

***Auction begins at noon***

It's time again for the Palomar Orchid Society Annual Auction. Our Auction Committee has been working hard to prepare for this very important event. Everyone who has helped or volunteered to help should be proud. But if you want to help out, there is still plenty of opportunities to support our Society!

As in previous years, everyone is welcome, members, and guests alike. And we will be hosting the auction at our usual meeting place, the Carlsbad Women's Club building in Carlsbad. As is custom, we will have refreshments for all, entertaining and knowledgeable auctioneers, and orchid bargains galore.

Besides the orchids you can win at the auction, we will have a plant table with orchids for sale set up outside. This is another opportunity to purchase a plant at a fantastic price.

Remember, not only is this an excellent chance to purchase new plants, this is also an opportune time to bring a guest or introduce a friend to the magic and mystery of orchids. Each guest who joins the society at the auction will receive a blooming size plant at no charge! So bring your friends.

This is our premier fundraiser. Every member should make an effort to attend and support our society. How well we do will dictate the diversity and caliber of next years programs. Please help contribute to the success of this years event by participating. Look inside for more information on ways you can help!



## Auction Reminder List

- Volunteer to help set up and/or auction on Saturday
- Donate plants; bring them as soon as you can on Saturday morning
- Boxes
- Bring refreshments on Saturday
- Bring a guest to the auction



## Auction Staff Volunteers - Set Up Time: Saturday, 8 am!

One of the best ways to have a highly successful auction is for every member to try and find some way to help. We need more people to come in early Saturday morning before the auction, 8 am or so, to help set up the plants for auction.



There are many tasks to do to prepare and there will be something for everyone to do! Call Sandi at 760-918-2408 to let her know you will be coming, or just show up on Saturday morning. Everyone will have a job!

There is also a need for people to help during the auction: runners, boxers, cashiers, greeters, kitchen help - all types of jobs are available. And you can still participate in the auction while doing your tasks!

### Set up on Saturday August 6 beginning at 8:00 am

- \*We especially need someone to work at the cash register. We have a new sales tax rate , but it will be easy to ring up because it is done by computer.
- \* We also need someone to pickup orchids from vendors in Solana Beach, including Belle Garner and Loren Batchman).

## 2 Things Every Member Can Bring to Support the Society - Boxes and Refreshments!

The Auction Committee has put a call out to all members to help in any way they can with this year's auction. There are two things you can do at the very least. First, we need **refreshments** to serve to members and guest alike. The auction will probably run for three hours or so, and there will be non-members from the community in attendance. Let's show them our hospitality by providing snacks and drinks. Just drop them off at the club kitchen when you arrive - and thank you in advance!



And if you decide to bring water or drinks, please bring individual bottles or cans, not liter bottles. This will save on plastic cups and manpower!

Secondly, we need **boxes**. If every member would bring a box for themselves and a box or two for guests, we should be in good shape. Small and large boxes are needed to help everyone carry out their newly purchased treasures!

Do Your Part! Support Your Society!

“One is not born into the world to do everything but to do something”

- Henry David Thoreau



Nothing is so contagious as example; and we never do any great good or evil which does not produce its like.”

-Francois de La Rochefoucauld

## President's Message

Dear POS Members and Friends,

As we been discussing, our big summer news is the POS Annual Auction, the biggest fundraising event of the year, which will be on August the 6th at the Carlsbad Womans Club, our usual meeting place. This of course will be instead of our regular monthly meeting. I would like to take the opportunity to thank the many members who volunteered to call and pick up donations, to work the auction, and to deal with the many jobs surrounding the event. Without volunteers, it would not be possible to pull off. We will mention thank you's in the forthcoming news, meeting and on the website.

I also want to extend a big thank you to all of the generous vendor and private donors, who gave items and plants for our auction. A complete list of vendors will be placed in our newsletter and on our

website after the auction. You are an essential part of the continued success of the club.

Alas, there is no speaker this time, but auction is as good a time as any to mingle with your fellow orchid folks, ask questions, learn about the club and orchid growing and get great plants.

Hope to see all orchid growers and lovers from San Diego County and from all over Southern California at our Auction! I look forward to meeting new folks and seeing old friends as well!

Happy growing!

Gil Ho



## From the Auction Committee:

*Orchid Auction: Saturday, August 6, 2011*

*What you can do to help!*

Thank you to everyone who has volunteered to help at the auction. We can always use more help especially with food and moving the plants. Setup start at 8am, Saturday morning.

If you have plants to donate, plants numbers are available now. (Call Sandi Sandquist 760-918-2408). We hope everyone will bring their plants already numbered and listed. Plants will be displayed by type not numerically.

Maybe you have a plant that you can't get to bloom. Someone else may have just the right environment to make it flower. **Bring it to the Auction!**

- Divided your plant and now have too many of one kind, and no room left on your bench. **Bring it to the Auction!**
- Just plain old downsizing, or making room for new crosses? **Bring them to the Auction!**

Your plants do not have to be beautiful or blooming. And we will sell duplicates and starter plants outside. One simple requirement: The plants you donate just need to be healthy and bug-free.

Please read the other articles on what areas we need your support. There is something for everyone to do! And please keep in mind, the auction is the main support of our Society. It needs your help!



## Once Again, for those who missed it last year - A Very Important Item Up For Bid At Our Auction.....

We are pleased to announce that once again this year we will have a super item for that person who really wants to learn about their orchids! A full, complete, ready-to-go **OrchidWiz Software package!** This is the software that all the judges and hobbyist are talking about and use extensively!

OrchidWiz retails for \$259. We are very grateful to Alex Maxiamiano, the founder of OrchidWiz, for donating this program to our society. Someone will be able to get a great deal, and our society will reap the benefits of whatever it goes for.

OrchidWiz has detailed information on 138.000 hybrids and 29.000 species. As an example, see the actual page from OrchidWiz about *Cattleya labiata*, on the next page. All hybrids are included with pictures and awards including the old and new hybrid names. And extensive cultural information Also, records of the hybridizers and the analysis of the hybrid trees.

All American Orchid Society awards are listed as well as Australian Awards. Sander's Nomenclature and Kew's List of Monocots are also listed.

The Journal feature is absolutely fantastic if you want to keep track of your orchids. It's easy to use and you can even add your own pictures to each entry!

OrchidWiz works only with the Windows Operating system. However, Macintosh owners can buy the software Parallels Desktop (and others) to run Windows on their computer.

With this program you will receive a full year of updates (quarterly). If you decide you want to continue, and we are sure you will, there is an \$80 per year update fee. However you don't have to worry about that for a year! Updates contain all the new awards, named hybrids, new species, and additional pictures or new features since the previous quarter.

Don't miss out on an opportunity to bid on a wonderful hobby tool.

**Saturday, August 6**  
**Set up starting 8 am**  
**Preview 11:00 am**  
***Auction begins at noon***



### What is OrchidWiz Encyclopedia and Journal?

OrchidWiz is an easy-to-use software application for orchid research, discovery and to help growers keep track of their orchids. The program contains extensive information


on approximately 138,000 hybrids and 29,000 species. It was designed with three primary goals in mind: (1) Ease-of-use; (2) Accuracy; and (3) Completeness.

OrchidWiz users do not need to know how a database works. The program is so intuitive that anyone who knows how to use a computer mouse can benefit from it. Currently there are thousands of OrchidWiz aficionados in six continents and 45 countries. Many world-class institutions use OrchidWiz for their basic research needs, including Selby Gardens, U.S. Fish and Wildlife, the U.S. Botanic Garden, the Smithsonian Greenhouse and the Singapore Botanic Gardens. More than 200 orchid nurseries and 330 American Orchid Society judges have licensed OrchidWiz, another testimony to its breadth and accuracy.

OrchidWiz relies on public sources of data such as hybrid registrations and award listings. In addition, over 100 volunteers contribute to OrchidWiz by providing photos and various types of information on orchids such as published photo references; pronunciation tips; etc. To date, volunteers have contributed about 45,000 digital photos.

Founded a little over three years ago, OrchidWiz is already in its 8<sup>th</sup> version. A new version comes out every year and volunteers have a big say over what features go in. The program has become the primary reference work for all orchid aficionados, from orchid experts to hobbyists.

Recently Viewed: [Clear](#)



[F1 Offsp.](#)  
[Awards](#)  
[Profile](#)

Genus	Name
Cym	Yuletide Glow
Cym	Rachel Renee
Rth	Koa
V	Adelaide Skoglund
B	nodosa
Ada	Mandarin Star
Sarco	Red Imp

[Illustrations](#) [Contributors](#)  
[References](#) [Comparisons](#)  
[Originators](#) [Primary Hyb.](#)

[Sources/Acknowledgements](#)

Database Orchid Search  
Partial Text of Orchid Name (For Example, "hazel"):  
  
[Search Orchid](#)

[Select Group](#)

Common Searches  
[Orchid](#) [Cultivar](#) [Exhibitor](#)  
[Genus](#) [Originator](#) [Image](#)

Award Photos  
[AOS](#) [AOC](#) [CSA](#)  
[OCNZ](#) [SAOC](#)

My Plant Journal  
You have 1,139 plants in your journal.  
[Plant List](#) [Add Plant](#)  
[Plants on Wiz](#) [Journal ALL](#)

My Photo Album  
You have 1 photos in your album.  
[View Album](#) [Add Photos](#)

[Refresh Screen](#) [Exit Program](#)

Group Name	Total	Species
Angraecums, Aerangis	929	776
Bulbophyllums	2,247	1,983
Calanthes, Spathoglottis	1,075	502
Cattleyas, etc. (Laeliinae)	40,007	2,157
Coelogynes, Pleiones	948	591
Cymbidiums, Catasetums, etc.	15,176	912
Dendrobiums	12,516	1,609
Disas, Habenarias, etc.	4,536	3,960
Ludisias	643	619
Masdevallias, Pleuros	5,804	4,517
Oncidiums, etc. (Oncidiinae)	16,435	1,375
Paphs, Phrags, Cypripediums	22,573	220
Phalaenopsis, Doritis	29,341	76
Polystachyas	305	251
Vandaceous (excluding Phals)	9,712	1,380
Zygos, Lycastes, Stanhopeas	4,190	2,634


[Select:](#) Cymbidiums, Catasetums, etc.

[ALL Genera](#) [Sections](#) [ALL Orchids](#)

[ALL Regions](#) [ALL Areas](#)  
[Species by Region](#)  
[ALL Baker Records](#)

Orchid Search page

Cattleya labiata [Close](#)



C. labiata [A. Bachrach]      C. labiata [Selby]      C. labiata [L. Cinert]  
C. labiata [L. Cinert]      C. labiata [E. Hunt]      C. labiata [A. Bachrach]

Full-color photos, over 75,000 of them!

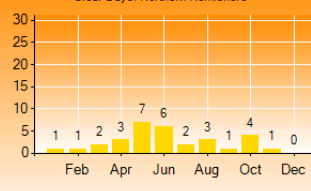
Lots of culture information including temperature, rainfall, fertilizer, etc. and much, much more. Too much to display here!

Encyclopedia and Journal 6.0  
Search List Articles Calculate Tools Window Journal Help

Orchid Search **Cultivation**

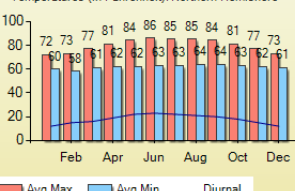
Cultivation requirements for "Cattleya labiata" by Charles Baker [Close](#)

Clear Days: Northern Hemisphere



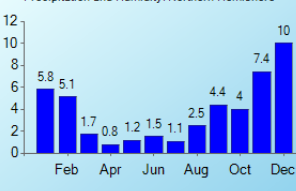
Days Clear @ 10AM

Temperatures (in Fahrenheit): Northern Hemisphere



Avg Max Avg Min Diurnal Range

Precipitation and Humidity: Northern Hemisphere



Rain (Inches)

CLIMATE: Station #82893, Garanhuns, Brazil, Lat. 8.9S, Long. 36.5W, at 2782 ft. (848 m). The record high is 97F (36C), and the record low is 52F (11C). -- Charles Baker ([www.orchidculture.com](http://www.orchidculture.com))

[Light](#) [Temperatures](#) [Humidity](#) [Fertilizer](#) [Rest](#) [Media](#) [Miscellaneous](#) [Source](#) [Next Tab](#)

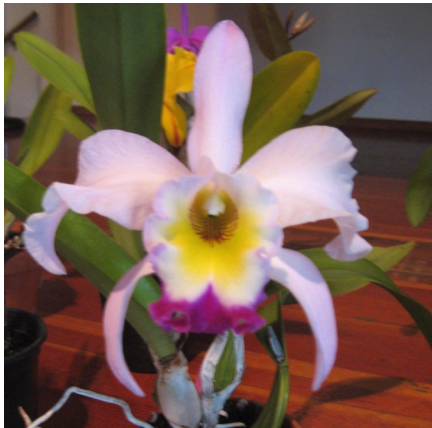
LIGHT: 2500-3500 fc. Plants may adapt to brighter conditions, particularly if light is increased gradually. Strong air movement should be provided at all times, especially when light is high. -- Charles Baker ([www.orchidculture.com](http://www.orchidculture.com))

[Species](#)  
[Sunlight](#)

# Photos from the July Meeting

Our thanks to Debra Funakoshi for the photos

Member Maryanne Kind with orchids she won from the opportunity table - lucky lady!



Alex Nadzan's wonderful Blc. Prom Night.



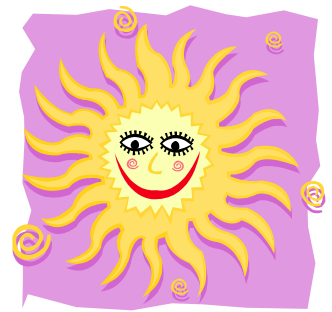
Our July speaker, Ben Machado, giving us a fine presentation.



Another of Alex's plants - this on a brilliantly colored Blc. Toshie Aoki 'Pizazz'.



Warren Stehles fantastic L. purpurata 'York' x L. purpurata f. alba 'Conner'



Jerry Spencer's beautiful Laelia purpurata f. alba.

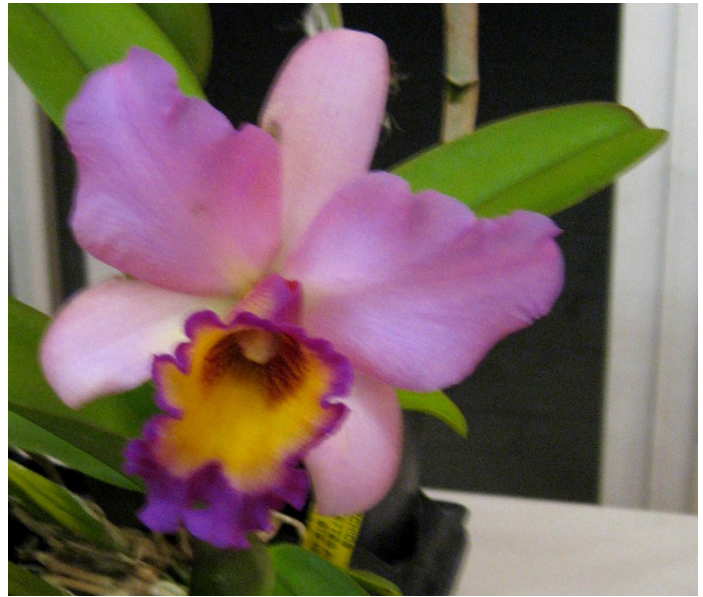


Another Laelia purpurata,! This one is Merle Robboy's Laelia purpurata var. schusteriana . Gorgeous lip!





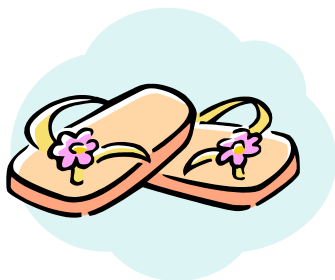
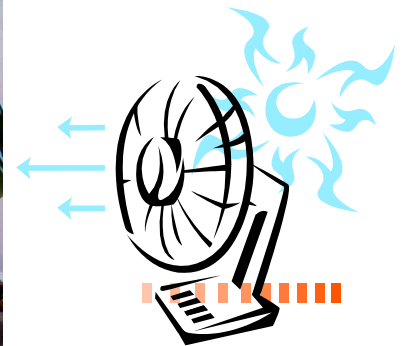
*Jerry's Rhyn.. digbyana*



*A very nice Cattleya hybrid on our opportunity table!*



*Renate Schmidt talking about her Dtps.. Little Gem Stripes during Show and Tell. Look at all those blossoms.*



*We had a wonderful selection of plants on our opportunity table last month - ome of us got very lucky!*



# Tips from the AOS

## Heat Stress by Susan Jones

Like people, orchids, especially those that prefer cooler, shadier environments, can suffer from heat stress during the hot summer months. The midday sun is intense, especially during the summer, and the high temperatures that bright sunshine brings can burn your orchids quickly, especially the more sensitive types such as phalaenopsis, pleurothallids, paphiopedilums and miltonias.

Heat stress is a condition that occurs in orchids and other plants when excessive heat causes an imbalance in transpiration, the process by which moisture evaporates from the plant's tissues. When that rate of evaporation exceeds the pace at which moisture is being replaced through water taken up by the orchid's roots, the plant becomes dehydrated — leaves soft and wilted, pseudobulbs wrinkled and ridged. The instinctive response in this situation is to overwater the orchid to correct the dehydration. This can instead make matters worse by rotting the plant's root system, further hampering its ability to take in much-needed hydration. The roots can only absorb so much water at one time. In addition to watering, control of heat and humidity play a significant role in the prevention and management of heat stress.

### Signs of Heat Stress

These symptoms may appear singly, even in otherwise fairly healthy orchids. When they appear in combination, however, it is usually an indication of heat stress or an underlying problem (such as root loss) that has led to heat stress.



*Placing a mounted plant in an empty clay pot can help retain moisture around roots. The microclimate of higher humidity helps prevent heat stress and aids stressed plants in recovery.*

**Yellowing of Plants and Leaves** Too much light causes a plant's chlorophyll to deteriorate, which can turn your orchid an anemic yellow-green, and eventually cause premature loss of leaves. Most healthy orchids receiving appropriate light levels will be a robust light green.

**Withered Leaves** The culprit, especially in summer weather, can be overheating. If your plant's leaves feel warm to the touch, they could be getting too much light, and need increased air circulation and shading, or a move to a more protected area.

**Sunburn** Initial signs of sunburn, as in humans, appear as a reddish-purple tint or freckles on leaves and pseudobulbs. In advanced stages, leaf tips and roots may brown, flowers drop, buds blast or flower spikes fail altogether.

**Shriveled Pseudobulbs** Your orchid's pseudobulbs serve as its water-storage organs, so shriveled pseudobulbs indicate a dehydrated orchid — it is in a stressed state, having used up its moisture reserves.

**Leathery Leaves** This goes beyond mere wilting, and occurs in the advanced stages of heat stress, indicating severe desiccation and possible damage on the cellular level. Depending on how long the condition has persisted, the type of orchid and its overall health aside from the leaf damage, it may or may not recover once its leaves are parched.

### Prevention

Your orchids need lots of attention during the summer months, especially on hot days. With higher temperatures, orchids require more frequent watering to prevent dehydration. High temperatures quickly dry out mounted orchids, those in baskets and even potted plants.



Maintaining the balance between keeping orchids sufficiently hydrated and over-watering can be a challenge. A simple rule of thumb is that an orchid's need for water increases and decreases with the ambient temperature, so water thoroughly and more frequently during higher temperatures. Most mounted plants and those in baskets, especially vandeaceous orchids and other genera grown with little or no media, will benefit from daily watering in warmer weather.

In addition, keep humidity high and air movement continuous, as both of these factors help plants keep their cool on hot days. Adding a fan to the growing area, or locating your orchids where they receive the caress of summer's breezes, as well as spacing your plants to allow for sufficient air circulation between orchids, can make a big difference in their environment and overall health. This will also help to keep rots from fungi and bacteria at bay.



*Mounted orchids are particularly sensitive to higher temperatures and require additional water and humidity during hot weather. This Cattleya hybrid exhibits the yellowing leaves and wrinkled pseudobulbs typically of heat-stressed plants.*

The benefits from misting orchids during hot weather do not have much sustained effect, so unless one has a misting system in place to maintain that added humidity throughout the day, it is probably not useful to your plants. When watering or misting, always be certain that plants have ample time to dry before night falls, so as to discourage bacterial and fungal growth.

When moving orchids outside for the season, start them out in a shaded spot and gradually increase their exposure to sunlight to acclimate them to the higher outdoor light levels. Make sure to protect them from the strongest sunlight as midday summer sun has more intense UV rays that can burn tender plants. Check the amount of exposure your plants receive at different times during the day as the sun moves, and throughout the year as the earth's orbit around the sun makes its gradual seasonal changes, which in turn changes the angle of the exposure your plants receive.

For greenhouse growers, consider using shade cloth for added protection during the summer months. Windowsill growers may want to add a sheer curtain during the summertime to keep sunlight reflected by the window glass from causing sunburn.

Finally, always have someone care for your orchids while you are away on summer vacation.

## Treatment

Once an orchid has suffered the effects of heat stress, it may take a long time to rebound. Apply fertilizers sparingly, using a weak solution, and flush the growing medium with clean water between applications of fertilizer, as the salts in fertilizers are difficult for dehydrated plants to assimilate, and a regular dose may further burn the plant. Be especially alert for pests on distressed orchids – insects and viruses are more likely to attack weakened plants.

Susan Jones was the editor of Awards Quarterly and assistant editor of Orchids. American Orchid Society, 16700 AOS Lane, Delray Beach, Florida 33446 Reprinted from the JULY 2004 issue of Orchids -- The Bulletin of the American Orchid Society. Copyright American Orchid Society -- www.aos.org



American Orchid Society  
Education. Conservation. Research.

## The Benefits Of AOS Membership

Whether a beginner or an expert orchid grower, you will find membership in the American Orchid Society a truly rewarding experience. You'll join over 16,000 others worldwide who share a passion for orchids, as well as furthering conservation and research efforts for these wondrous plants. And you'll enjoy a wealth of membership benefits:

- Monthly subscription to Orchids magazine
- Free and discounted admission to [more than 200 botanical gardens and arboreta](#)
- Receive the annual Orchid Source Directory detailing orchid suppliers worldwide
- Access to online orchid information and features available only to our members at [www.aos.org](http://www.aos.org)
- 10% discount on purchases in the Orchid Emporium or on-line at [www.aos.org](http://www.aos.org)
- Discount on back issues of Orchids magazine and on American Orchid Society published books
- Reduced processing fees for American Orchid Society judged plant and flower awards

See our AOS Representative, Gil Ho, for more information on how to join!

## Upcoming Events

# San Diego BOTANIC GARDEN

## San Diego International Orchid Fair 17th Annual Orchid Show and Orchid Sale

An AOS Sanctioned Judging Event  
with 25 Vendors and Ongoing Lectures on Culture and Care

**September 30, October 1 – 2, 2011**

Friday, September 30 • 1:00 pm to 5:00 pm  
Saturday, October 1 • 9:00 am to 5:00 pm  
Sunday, October 2 • 9:00 am to 4:00 pm



**Free with admission to the Garden or with membership.**

### 2010 Participating Vendors:

- Andy's Orchids
- Aroma Orchids of Rowland Heights
- Beauti..Florist
- Calavo Gardens
- Casa de las Orquideas
- Divine Orchids
- Encinitas Orchids
- Everything Orchids!
- Floralia
- Joseph Wu Orchids
- Marcel's
- Pon's Plants
- The Orchid Place
- Rex Foster Orchids
- Rio Mojave Orchids
- Seed Engei
- Sunset Valley Orchids
- And more.....

San Diego Botanic Garden will again be hosting and sponsoring the splendidly colorful San Diego International Orchid Fair. Thousands of orchids will grace the grounds, some in exhibits and some for sale.

Orchid related products, artistic pottery, paintings, and books will also be available and there will ongoing lectures on culture and care.

The show is an official AOS (American Orchid Society) judging event and there will be ribbon judging as well

## Orchid Odyssey

Third Friday of each month (August 19 this month)  
First Sunday of March, June, September, and December

The Zoo's orchid greenhouse, home to over 3,000 orchid plants from over 800 species, varieties, and cultivars, is open to Zoo visitors during Orchid Odyssey.

Our orchid expert, as well as members of the San Diego County Orchid Society, are on hand to answer questions during this "open house."

The orchid greenhouse is located on the path just west of the African Kopje's meerkats.

**Please note:** There are no Botanical Bus Tours offered on Sunday Orchid Odyssey days.

## SAN DIEGO ZOO



# Fascination of Orchids Show and Sale

September 24 & 25, 2011 10 am to 5 pm

South Coast Plaza Village

1631 West Sunflower

(Corner of Sunflower & Bear)

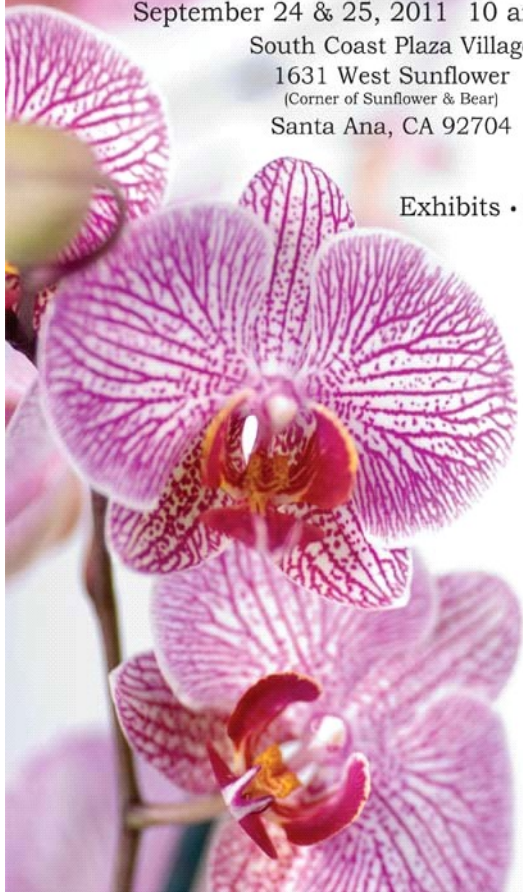
Santa Ana, CA 92704

Exhibits • Seminars • Sales

Experience thousands of exotic orchids in a beautiful outdoor setting and learn how to grow and exhibit orchids from local experts.

Parking and admission are free

For more information please call 949.735.2930 or visit [ocorchidshow.com](http://ocorchidshow.com)



San Francisco Orchid Society presents

# Orchids in the Park

A Sale and Exhibition



PHOTO BY RON PARSONS

Saturday Sept 17, 2011

Sunday Sept 18, 2011

10 am-5 pm

County Fair Building  
9th Ave & Lincoln Way  
San Francisco

Admission \$4, Seniors \$3  
Children under 16 free

Demonstrations, Lectures, Raffles  
email: [info@orchidsanfrancisco.org](mailto:info@orchidsanfrancisco.org)

a California Non-Profit 501(c) Corporation

## The 2011 Southland Orchid Show *"Beauty and the Bees"*

October 14-16, 2011

At the Huntington Library,  
Art Collections, and Botanical  
Gardens





Palomar Orchid Society  
Membership Chairperson  
5210 Frost Ave  
Carlsbad, CA 92008

Next Meeting:  
Wednesday,  
Sept. 7



## It's All About Orchids!

### Meeting Information

The Palomar Orchid Society meets the **FIRST WEDNESDAY** of every month at the Carlsbad Women's Club, 3320 Monroe, Carlsbad. Go east off 5 on Carlsbad Village Drive 1/4 mile to Monroe, turn South on Monroe to Women's Club. OR go west off El Camino Real at Carlsbad Village Drive to Monroe and turn south to the Women's Club. Beginner's Culture Class starts at 6:30 pm. The regular meeting begins at 7:00 pm. The next regular meeting will be on September 7, 2011.

### Other Nearby Orchid Societies

**San Diego County Orchid Society:** First Tuesday of the month, 7:30 pm, Room 101, Casa del Prado, Balboa Park. Membership: Bob Clark, 858-270-8352, email [bclark@sdorchids.com](mailto:bclark@sdorchids.com)

**San Diego County Cymbidium Society:** Third Wednesday of the month. Always a speaker, Q&A session and raffle. 7:00 PM. Free admission and refreshments. San Diego Botanic Garden, 230 Quail Gardens Drive, Encinitas. (760)732-0055. Note: Currently on Summer break. No meetings in July or August. Next meeting will be in September.

### Open Houses\Other Orchid Sightings

**San Diego Zoo Orchid Greenhouses:** Third Friday each month, 10 am to 2 pm. Free with admission. Contact: Janette Gerrity 619-231-1515, ext. 4306

**Quail Gardens Botanical Gardens Judging Center:** First Monday each month, 7:00 pm. Encinitas. Bring plants in to be judged.