



## JULY'S NOVICE MEETING

July 2, 2002 - 6:30 PM - CASA DEL PRADO - ROOM 104

By [Ivan Harrison](#), 2nd VP

What a fabulous time we all had at the meeting in June. Bud Close held a Plant Clinic for our sick and ailing babies. We all learned so much about the do's and don'ts of orchid growing. Thanks, Bud - we really enjoyed it!

Our speaker in July will be Bob Hodges, who, like Bud, is a long-time member and a past President of SDCOS (1977-78). Bob is coming to share his knowledge on growing all types of orchids, but with particular attention to paphiopedilums. If you are having any problems with paphs or have any culture questions, please bring them to the meeting for Bob to answer.

Paphs are no longer just for the specialist, as they have become popular and readily available in markets like Trader Joe's and Home Depot. However, they are still a challenge for most of us to keep alive and rebloom after the initial flowering.

There will be the usual handouts for newcomers, as well as a paph culture sheet to accompany the lecture. In addition, there will be a handy guide for preparing your plants for showing, as the mini show on July 27th and 28th is almost here!

## JULY'S GENERAL MEETING

July 2, 2002 - 7:30 PM - CASA DEL PRADO - ROOM 101

By [Ben Machado](#), 1st VP

This month we have another guest speaker return engagement. Four years ago almost to the day we had Francisco Miranda of Miranda Orchids, Brazil. Of course he will have another one of his wonderful presentations about Brazilian Orchids, this time the presentation is titled "Orchids from the Brazilian Amazon."

Much has happened with Francisco over the last four years, most recently he has taken residence in Florida, while maintaining his business in Brazil. Plus, he has been busy with shows and speaking engagements throughout the country. On this trip we are sharing Francisco first with the Orchid Society of Arizona, then he buzzes into San Diego, then out again to take care of his business.

Francisco provided the following biography about himself:

"Francisco Miranda was born in Rio de Janeiro on February 6, 1956. He has been growing orchids since 1979, the same year he got his degree in Biology, and begun his taxonomic studies in the orchid family in 1981. During this year, he lived from March to November in the city of Manaus, state of Amazonas, in the middle of the Amazon region. During 1982, back in Rio de Janeiro, He began field trips to Minas Gerais and Espírito Santo, mainly to try to find rupicolous Laelia species in their natural habitats. Between 1993 and mid 1985, Francisco went back to Manaus, where he began his Master's degree and also made extensive field trips to Rondonia and the area of the future dam of Tucuruí, in the state of Pará. From the hundreds of herbarium specimens prepared, many new species were described in subsequent years, mostly in Catasetum and Mormodes. Since mid-1985, Francisco finished his Master's degree and his thesis was "section Cattleyodes of the genus Laelia" and continued to make frequent field trips to the habitats of the Brazilian laelias.

All these years of orchid hunting have resulted in many new species described, as already said, several scientific paper on reviewed Magazines in Brazil, the U.S. and Germany and two books, the first one published in Japan, from which he wrote about one third of it including orchids from the eastern coast of Brazil plus Central region and mountains of Minas Gerais and Bahia states. The second one was finished this year of 1996 and the subject [is] the orchids of the Brazilian Amazon region. These two books are not taxonomic treatments, but instead illustrated guides on very interesting Brazilian areas. Finally, since 1988, the author has been going at least once a year to the United States

*continued on page 2...*

## JULY'S GENERAL MEETING

with the main purpose of giving lectures to Orchid Societies on several different subjects on Brazilian orchids.

Since 1986 he has an orchid nursery in Rio de Janeiro, Orquidário Boa Vista, specializing in producing superior cultivars of Brazilian orchid species. Presently, he has Boa Vista Orchids, a new Haines City, Florida-based Nursery, where high-quality species in the Cattleya alliance are being produced continuing Orquidário Boa Vista's tradition".

Francisco is also providing the plants for our Plant Opportunity Table. He will provide a cross section of plants from his business. Francisco is also offering a 30% discount off his web site catalog to those who place advance orders. Advance orders will be ready for pick up after 7 PM the night of our meeting, July 2. You can visit his web site at: [mirandaorchids.com](http://mirandaorchids.com). Contact Francisco on line to place your order at: [fmiranda@tampabay.rr.com](mailto:fmiranda@tampabay.rr.com)

## RAFFLE WINNERS

Submitted by Joan Close

Here' is the list of the lucky people who won the raffle at the 2002 show. Some people only put their first or last names on their tickets so that's all [we] can give you.

4th Place: (Tee shirts): Ivan Harrison (SDCOS) won 3; Sadra from Huntington Beach; Ralph Dyson; Bev Gollhofer; Candy (SDCOS); John Linkous; Dave May (SDCOS).

3rd Place: (Polo shirts): Jane Beers, Tony, L. Kaiser, Connie Piserchio (SDCOS), Vivian Folmer (SDCOS), Gematt.

2nd Place: (Two vases): Dave Mays (SDCOS)

1st Place: (Original framed painting): Bob Staes from Rancho Bernardo.

## UPCOMING CALIFORNIA EVENTS

June 15 - July 7  
Del Mar Fair (THE San Diego County Fair)  
2260 Jimmy Durante Blvd. Del Mar, California.

July 27 and 28.  
Mini Show: plant registration Friday, July 26 from 5 to 9. Registration and set continues on Saturday beginning at 8 AM, followed by Ribbon Judging at 10 AM. Doors open from 12 PM to 4 PM on Saturday, 10 AM to 4 PM on Sunday

July 12-14, 2002  
22st Annual Santa Barbara International Orchid Fair  
(see page 9)

November 1 & 3, 2002  
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## SDCOS 2002 ELECTION RESULTS

Submitted by Romy Reyes

At the June 4, 2002 SDCOS general meeting, the following were elected:

President	Gary Pierwola
First Vice-President	Ben Machado
Second Vice-President	Ivan Harrison
Secretary	Romy Reyes
Treasurer	Barbie Mays
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# July/August Orchid Checklist

Prepared by James Rose and Ned Nash.

**Cattleya** Cattleyas this month require careful attention to their watering and fertilizing needs owing to characteristically high temperatures. Evaporative cooling is a must in areas of the country where it is effective. Where it is not (the more humid regions), care needs to be paid to proper venting to keep temperatures within reason. Bottom vents in conjunction with top vents provide enough rising airflow to help keep plants cool. Increased air flow lessens humidity and dries plants out more quickly, necessitating more frequent damping down and watering, in areas where high humidity is not a problem. Higher light and heat indicate more fertilizer. The growths your plants are making now are the source of this autumn, winter and spring's blooms, so applying adequate fertilizer this month is the best way to ensure future blooms. Higher temperatures and humidity may also lead to fungal or bacterial rot problems, so it is important to closely observe your plants for any early indication of problems. Pests are also at a high point this month for the same reason.

**Paphiopedilum** Cooling and air circulation is especially critical in these two months to prevent stress and avoid disease problems. Watering needs to be closely monitored to ensure that plants do not dry out. Warmer-growing hybrids will be at the peak of their blooming, with attention needing to be paid to staking of spikes. Look for water lodging in growths, which can rot emerging spikes and lead to the loss of the entire growth.

**Phalaenopsis** Most, if not all, potting should be complete by now. This month and next are when these plants achieve their maximum growth. This growth will be that from which they set their spikes for the coming season. The more leaves the plants grow, the better potential for spiking will be realized. Growers in cooler areas such as the Pacific coast have the advantage this month, should they choose, of cooling for early season spikes. Lots of heat and light call for liberal applications of water and fertilizer.

**Cymbidium** summer can be the most rewarding season for cymbidiums. Growth should be coming strong now. The leaves of the new growths are best when they are broad and fairly stiff. The color should be a light green to nearly yellow. Early flowering varieties should be showing flower

spikes, so move the plants into a cooler area with lower light. For mid-season varieties, lower the dosage of nitrogen to assist in spike initiation.

**High-elevation Plants** For cooler-growing plants, such as masdevallias, other pleurothallids and the like, the next few months will be a challenge. During the hottest times, keep your plants more shaded and be sure to keep the humidity level much higher. Do not let plants dry out. Delay any potting until the weather cools.

**Laelia purpurata** The flowering season of this majestic plant will be coming to an end, presenting a good time to report. As soon as the new roots start to appear, clean off old bark and repot into a clean medium-grade fir bark. Place the plant in a little less light and higher humidity to relieve stress until it is more established, which is about one month after potting.

**Odontocidium** Many of the intergeneric crosses between odontoglossums and oncidiums, such as *Odontocidium*, *Wilsonara* and *Colmanara*, will be blooming now. Take special care to train the spikes for best floral display. Keep plants under fairly shady conditions. Watch for snails and slugs.

**Vandaceous Genera** Plants will be growing quickly now and really enjoying the hot humid days so similar to their native habitat. Watch for pests though, as many of these also enjoy the same conditions as the plants. Check flower spikes so that they can extend unimpeded for the best flower presentation later.



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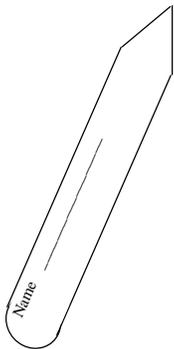
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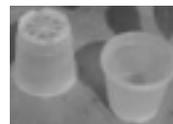
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<i>Beallara</i>	<i>Howeara</i>	<i>Paphiopedilum</i>
<i>Borrageara</i>	<i>Miltassia</i>	<i>Phalaenopsis</i>
<i>Brassia</i>	<i>Miltonia</i>	<i>Vuylstekeara</i>
<i>Brassidium</i>	<i>Miltonidium</i>	<i>Wilsonara</i>
<i>Cattleya</i>	<i>Mokara</i>	<i>Zygopetalums</i>
<i>Colmanara</i>	<i>Odontobrassia</i>	<i>And more...</i>

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# A BIT OF THE ORCHIDS' HISTORY

From the website [www.delfinadearaujo.com](http://www.delfinadearaujo.com)

submitted by David Graham

continued from last month's issue.

In 1728, the first book about orchids was published in Japan: "Igansai-ranpin".

In 1735, Carl Von Liné (Linnaeus), a Swedish botanist, established, not only the first coherent identification of the plants (genus named followed by the specific name), but also the lines of the development of the living organisms and the evolutionary laws. In his study called "Genera Plantarum", he used the word "Orchidaceae" (taken from "Orkhis") to designate the entire family of orchids. Those studies opened, later, the way to Darwin's studies.

In 1763 Linnaeus published another treatise naming a hundred different species but he called them all "Epidendrum", as tropical orchids were known then.

In 1768, the second edition of "Miller's Gardener dictionary", also called them "Epidendrum".

In 1772, Matsuoka published a Chinese book which was, probably, a translation of the "Igansai-ranpin". In this book, 6 orchids were mentioned.

In 1830, John Lindley (botanist and taxonomist) did the first classification of orchids. He wrote many books about plants but it was his studies about orchids, "The Genus and Species of Orchidaceae Plants", that made him well known. He also left the unfinished book, "Folia Orchidaceae considered a classic of Botany and he is recognized as the father of orchid cultivation.

In 1862 Darwin published "The Various Contrivances By Which Orchids Are Fertilized By Insects", which in fact was the first essential contribution for the knowledge and comprehension of the strategies used for the species to ensure propagation.

In 1877, Lewis published "Orchids: Their Structure, history and cultivation".

The importance of Barbosa Rodrigues' work must be deservedly stated. After 6 years of research and other work, long diplomatic negotiations and the investment of US \$167,000, his most important work "Iconographie des Orchidées du Brésil" is now published in two volumes. The first one concerns itself with his research and writings and the second with his original paintings of orchids. Unfortunately from about 1000 original watercolors, that had remained unpublished for 100 years, only 380 paintings, embracing 700 species of Brazilian orchids, have been restored by Basilea University in Switzerland. The

remainder being lost or damaged beyond hope of restoration. Besides, being a respectable director of the Botanical Garden of Rio de Janeiro, Barbosa Rodrigues (1842-1909) was an important scientist with more than 90 scientific works in many different fields (archaeology, botany, entomology, zoology and history). He joined a scientific rigor to an acute esthetic sense.

We must also state the contribution of Guido Pabst and Augusto Ruschi (1915-1986), both respected all around orchids world. Guido Pabst's "Orchidaceae Brasiliensis" (1975) is a classic of orchids literature and the monograph by Augusto Ruschi "Orquídeas do Espírito Santo" has been an important contribution for knowledge about Brazilian species.

## History of cultivation of tropical orchids in the West

Despite doubts often expressed, it seems that the first tropical orchid to be cultivated in Europe was a specie of *Bletia* genus (*Bletia verecunda*) from The Bahamas that bloomed in England in 1732. Some books, however, indicate that *Brassavola nodosa* during the 17th century in the Netherlands was the first.

By the 18th century, many species had been introduced to Europe from China and the Antilles and in 1794, 17 foreign species were cultivated in the Royal Botanical Garden at Kew, England.

In 1805, Robert Brown discovered that tropical orchids were epiphytic not parasites. The belief that orchids were parasites remained for a long time and in fact to this day many people still think that they are parasites.

Just since 1818, the orchid cultivation began to really spread in Europe when William Cattley succeeded on making bloom a *Cattleya labiata* whose pseudo-bulb he received mixed in the packing material for other tropical plants coming from Brazil.

In the 19th century, a passion for tropical orchids overtook Europe and the people became practically manic in their interest which drove prices to incredible heights. Missions were sent to the tropics for collecting orchids to satisfy this passion for exotic plants.

Many habitats were destroyed during this frenzy of collecting making many species rare and as a consequence prices rose even higher. Most of orchids died during transport because no one had any idea of how they must be cared for during shipment or how they must be cultivated on arrival. It was generally believed that the orchids needed to be cultivated in stuffy air.

During this same century, growers noticed that they needed to know more about wild orchid habitats in order to provide cultivated orchids the conditions adequate to their needs. They also noticed that species from different habitats needed different conditions. Based on information brought

back from explorers, they were able to develop a cultivation technology more adequate to the needs of epiphytic orchids.

John Paxton, the 7th Duke of Devonshire's gardener, encouraged by John Lindley and based on the new habitat information, improved conditions of ventilation, watering and humidity. In 1830, he was the first grower to use different greenhouses to separate species from different native habitats.

Maybe due to the fact that plants occupied an important place in the English way of life and England, as a result being a country plenty of gardens, the increase of the interest in those wonderful and previously unknown flowers began there. During the 19th century, England remained as the main importer country, followed by the Netherlands and Belgium.

Since then numerous scientists, botanists, gardeners and explorers have had their names attributed to orchids.

John Lindley (Genera: *Lindleyella*, *Neolindleyella*, Species: *Barkeria lindleyana*, *Cattleyopsis lindleyana*, *Maxillaria lindleyana*, *Epidendrum Lindleyanum*, *Odontoglossum lindleyanum*, *Sobralia lindleyanum*, *Bulbophyllum lindleyanum*); *Loddiges* (*Cattleya loddigesii*); *Skinner* (*Cattleya skinneri*); *Gould* (*Laelia gouldiana*); *Sander* (*Vanda sanderiana*, *Paphiopedilum sanderiana*); and many others.

Until the end of the 19th century, orchid seed germination remained a mystery. In 1889, Noël Bernard, French biologist, observed plant shoots around the base of *Noetia nidus-avis*. When examining them through a microscope, he noticed with surprise, that there were mycelial filaments, a fungus later identified as *Rhizoctonia*, living in tandem with their root structure. Based on his observations, he published many studies describing the nature and the role of the association of orchids and the fungus in orchid seed germination.

His study, the result of 10 years of research, was published in 1909 and explained the association between orchids and *mycorrhiza* fungus. The study has been a great revolution on orchid cultivation and has opened the way for others to continue similar research.

Hans Burgell, a German scientist, continued with the studies and developed another method also using fungus culture to provoke seed germination.

However, in 1922 an American Biologist Lewis Knudson developed a formula that supplanted all the previous methods. By using sterile gel which contained minerals, salts and sugar, he could reproduce in the laboratory the same effects the fungus gave, making seed germination possible by the asymbiotic method.

Other solutions have been developed, some of them very efficient but for the most part the solutions were based on

Knudson's method.

During the 1st World War many European collections were lost due to the lack of fuel to maintain greenhouse temperatures. In the USA, where fuel was plentiful, cultivation interest has continued to increase and nurseries have been installed in tropical zones, where fuel needs are minimal, on all continents. Also at this time there was much progress in orchid hybridization and hybrids developed began to be cultivated on a large scale.

In 1960, Professor George Morel, another French botanist, discovered the meristem culture method of obtaining hundreds of identical specimens from only one mother plant without seed germination. It is a difficult method that needs specialized equipment and must be executed under laboratory conditions.

## Santa Barbara Flower Show

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Sunday: 10:00am - 4:00pm

#### Admission

FREE

#### Parking

\$5.00

#### Contact

Melissa Fornof 805.687.0766 extension 250

# PHOTO TIPS

from [www.orchidworks.com](http://www.orchidworks.com)

Although flower photography is basic close-up photography, quality can improve with the right equipment. The majority of orchid photography at this web site was done on slide film using professional studio strobes, either a Dynalite Uni400 with a soft box or an old 400w/s Thomas power pack with one or two flash heads and a custom reflector. The cameras I use are basic, a Nikon FM2 and 55mm Micro Nikkor or a Minolta Maxxum with their excellent 100mm Macro lens that focuses to life size. The more sophisticated metering system of the Minolta makes it especially suitable for natural light photography. Recently, I have begun using the Kodak DC260 digital camera for some orchid photography (see if you can pick out the digital images - bet you can't). The advanced features of this camera allow me to use my studio flash and actually preview the composition on the LCD. The high resolution (1536 x 1024) yields beautiful color inkjet prints up to 8x10. And of course, I can have high-quality images immediately to either upload to the www or make prints for presentations and handouts. If you need further convincing about the future of digital photography then visit this Digital Photo Gallery featuring images from a recent trip to British Columbia.

Kodachrome 25 is great film for orchid photography offering unmatched sharpness and color accuracy. However, today's films are much improved over films of even ten years ago and 100 speed films are also very sharp and fine-grained. Some slide films have enhanced color palettes which produce inaccurate representation of subtle orchid colors. Kodak EPP is my current film of choice because of its neutral color balance and enhanced sharpness.

Below you will find suggestions to improve the quality of your own orchid photos.

Point and shoot cameras are not very suitable for orchid photography and will only leave you feeling frustrated with your results. A single lens reflex is the proper tool.

You can't take beautiful photos of mediocre flowers. Look at the blooms, select only fully opened, flawless flowers.

Tie distracting elements out of picture, using masking tape or twist tie. Remove stakes or cut them short enough that they're out of the picture area.

Lighting is a main ingredient of all good photography, look for either window light of good quality, bright open shade such as the shady side of a building, or modified flash. Avoid dense shade such as under a tree.

A strobe (electronic flash) is a convenient, portable light source, however pictures can turn out harsh and contrasty. Try modifying the light output by diffusion or bounce (Strobe must be able to tilt up for bounce.) A white handkerchief used to cover the flash lens with a rubberband can substantially improve light quality. A piece of white foamcore can be easily fashioned into a bounce reflector or you can buy one ready-made. Even a white file card and rubber band can be used for bounce flash...

If shooting outdoors find sheltered location, out of wind, to avoid flower movement.

Use plain background of neutral color (poster board or mat board is good). Muted earth tones set off the flowers well without being distracting. Try colors like charcoal, olive green, brown, dull blue and of course, black. If using flash, place background at least 2 ft. behind flowers to avoid shadows.

If you have designs on producing studio-quality flower pictures but can't quite justify the cost of studio lights ... [*to be printed in the SDCOS August newsletter - Mike*] do it using a couple of card tables and a white bedsheet.

If using auto-exposure and you have the choice; select aperture priority and use a small f.-stop (aperture setting) for maximum depth of field. The larger the f. number, the smaller the aperture. Keep in mind that as you decrease the aperture you will increase the exposure time. Unless you have very steady hands always use a tripod for exposures longer than 1/25th sec. If your camera has a self-timer use it to fire the shutter when using a tripod to avoid shake.

If using an auto focus camera, visually check focus before shooting and correct if necessary.

If shooting slide film, be sure to "bracket" exposures, i.e., shoot at normal exposure, 1 stop under exposed, and 1 stop over exposed.

When shooting color print film keep in mind that the lab technicians don't know what color your orchids are. It often helps to include a familiar object in the first frame of a sequence of pictures shot under the same light...film boxes work well.

Close-up lenses are an inexpensive way to focus closer. They come in various strengths, +1 to +4 and screw into a lens just like a filter does.

Everybody loves a black background for flower pictures...well almost everybody. Here's a great way to make an isolation background for isolating a single flower [*to be printed in the SDCOS September newsletter - Mike*].

# SDCOS Board of Directors Meeting

Submitted by: [Romy Reyes](#)

June 11, 2002

Meeting called to order at 7:04PM

Present: Gary Pierwola, Ben Machado, Sam DeMaria, Ivan Harrison, Dave Mays, Barbie Mays, Charlie Fouquette, David Graham, and Romy Reyes

## Reports

1. Minutes of the April meeting was read and approved by motion.
2. Treasurer Barbie Mays- Reports for the months of April and May were presented and approved by motion.
3. First Vice-President Ben Machado- Francisco Miranda of Miranda Orchids(Florida) will be the guest speaker for the July meeting. TOPIC: Brazilian Orchids. Mr. Miranda will be providing the plants for the raffle.
4. Second Vice-President Ivan Harrison- The Beginners Class will have Bob Hodges as the presenter. TOPIC: Paphiopedilums

## Old Business

1. The society has two(2) vacancies:
  - a. A parliamentarian
  - b. A director

For nominations and additional information, please contact Gary Pierwola. Tel: 619.426.9108

2. AOS sent a letter of thanks to the society for the contribution made on behalf of Guy Moore Jr. who passed away earlier this year.

## New Business

1. Gary Pierwola proposed that new locks be purchased and installed on cabinets that have the society's properties. This proposal was approved by motion. The purchase of new microphones was proposed and approved by motion. A proposal that Orchid Bucks be spent within 2 years and with "no limit" on amount was approved by motion.
2. A proposal to send a letter of acceptance regarding the relocation of the Pacific South AOS Judging Center from Long Beach to Quail Botanical Gardens in Encinitas was approved by motion.

Meeting adjourned at 8:30PM

## Members and Advertisers

If you have monthly meetings, classifieds, or announcements related to orchids, make sure the information gets to the editors by the Second Friday of each month for publishing in the next issue of this newsletter.

To contact the editors, please contact Michael Orser at 619.269.3445 or at [editor@sdorchids.com](mailto:editor@sdorchids.com)

Advertisers please contact Marjorie Kuhlmann at 858.675.0885 or [kuhlmann@utm.net](mailto:kuhlmann@utm.net) under the same deadline.

## The San Diego County Orchid Society BOARD MEMBERS

President	<a href="#">Gary Pierwola</a>
First VP	<a href="#">Ben Machado</a>
Second VP	<a href="#">Ivan Harrison</a>
Secretary	<a href="#">Romy Reyes</a>
Treasurer	<a href="#">Barbie Mays</a>
Directors 2000-2003	<a href="#">Sam DeMaria</a>
2001-2004	<a href="#">David Graham</a>
2002-2005	<a href="#">Charlie Fouquette</a>

## 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

<b>Beginner's Class:</b>	<b>6:30 pm, Room 104</b>
<b>General Meeting:</b>	<b>7:30 pm, Room 101</b>

If you would like to join the society, please send your check for \$10\* for individual, \$12.50 for Dual membership, payable to SDCOS, to: Vivian Folmer, SDCOS Membership, 13127 Roundup, San Diego, CA 92129. Telephone: 619.538.6187, email: [vivianfolmer@netscape.net](mailto:vivianfolmer@netscape.net)

\*1/2 price January first through June thirtieth

## 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 - 619.270.6105

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](mailto: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 - 619.276.3225

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

New Member & Novice Class Information  
Ivan and Rosemary Harrison 619.448.3312

## DATES TO REMEMBER...

July 2<sup>nd</sup>, 6:30 pm

Beginner's Class

Room 104, Casa del Prado, Balboa Park

Gary Pierwola 619.426.9108

July 2<sup>nd</sup>, 7:30 pm

General Meeting

Room 101, Casa del Prado, Balboa Park

Gary Pierwola 619.426.9108

July 4<sup>th</sup>, INDEPENDANCE DAY

July 6<sup>th</sup>, 9:00 am

SDCOS Species Group Meeting

First Saturday each month

Paul or Ann Tuskes 858.274.5829

July 9<sup>th</sup>, 7:00 pm

SDCOS Board Meeting

Second Tuesday each month

Balboa Park

Romy Reyes 619.447.7597

July 12<sup>th</sup>, 7:30 pm

Palomar Orchid Society Meeting

Second Friday each month

Vista Community Center

Dave or Vera Stankey 959.498.7122

July 17<sup>th</sup>

Cymbidium Society Meeting

Third Wednesday each month

Carlsbad Women's Club

Larry Phillips 619.746.5518

July 19<sup>th</sup>

Zoo Orchid Greenhouses Open House

Third Friday each month

Janette Gerrity 619.231.1515 ext. 4306

# FROM THE EDITOR'S GARDEN

These are the few flowers I have to share which are currently blooming (photography by Michael Orser):



Phalaenopsis  
(Phal. Maui Queen x Phal.  
Henriette Lecoufle) X DTPS.  
Buena Lemon Brite



Maxillaria hemotoglossa



Encyclia vitelina



Maxillaria tenuifolia



Membership Chairman - [Vivian Follmer](#)  
[San Diego County Orchid Society](#)  
13127 Roundup  
San Diego, CA 92129

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