



San Diego County Orchid Society Newsletter

Volume 25

Newsletter Distribution 541 Members and growing

January 2001

Corrections, Appologies and Debts of Gratitude...

Michael Orser
Editor in chief

I would like to thank Candy Kalman, George Kenner, Marjorie Kuhlmann, and Harry Tolen for picking up the ball I dropped. I appologize for omitting the mentioning of the food for our holiday party. If it was not for these people contacting you at the last minute, we may have had the libations, but no eats!

The Christmas party was a success after all! Thank you volunteers for showing up early to help set up, and also those of you who stayed until the end to help clean up.

Now that we are back to the "regular schedule," we can bring plants and share or wonderful orchids to the general meeting. Don't forget your name badges. I hope to see you there!

NOVICE CLASS

January 2 - 6:30 PM
CASA DEL PRADO - ROOM 104
Duncan Werth, 2nd VP

Our novice Class this month will feature Concepcion Boyd of The Orchid Connection. She will tell us about the wide range of easy-to-grow Mexican species that are ideally suited for outdoor growing here in San Diego. These orchids are native to areas with temperatures very much like our own, although they receive more rainfall. So many are perfectly happy growing in our back yards as long as we water them well in the summertime.

And now for something completely different ... Help! I need your suggestions for upcoming novice classes, I also need volunteers. If you think you can do both that would be even better. E-mail me or give me a call (orchid1@home.com) or 619.222.2072. Thanks!

Members and Advertisers

If you have monthly meetings, classifieds, or announcements related to orchids, make sure the information gets to the Editor by the **Second Tuesday** of each month to be published in the following issue of this newsletter. To contribute articles or to advertise your orchid-related business, please contact Michael Orser, Editor, call 619.527.0286 or email: mikiniki@netzero.net

ADVERTISERS: please contact Marjorie Kuhlmann at 858.675.0885 or email: kuhlmann@utm.net

COFFEE, TEA, PUNCH & DONUTS???

Joan Close

Do you enjoy this monthly treat after the speaker has entertained us? If so, here is a job for you! Someone, preferably two members, are needed to volunteer as cochairmen of the refreshment committee. Marilyn and Cliff Lanoue have already graciously begun the job of bringing in the donuts each month. What we need is two people who will work together to start the coffee pot, bring the ice, make the punch, and set it out. A little cleanup afterwards and that's it, job done.

I have worked with Pat Tolen for a few years on this job and have enjoyed it. Pat and I became good friends as a result. Concepcion Boyd has been there and she has enjoyed it too. However, she has a 6 year-old who needs to go to bed early so she can't commit to the job full-time. Pat and I are tired and are ready to hand in our kitchen keys. (In fact, Pat already has.) I will be more than happy to show you the "ropes" for a month or two. Please contact our president, Gary Pierwola, or call me at 619-444-8839. Come February, if there are no volunteers, guess what? You may have a mouthful of donuts and then look around and say "got coffee or punch?" and there will be none.

GENERAL MEETING

January 2, 2000 - 7:30 PM
CASA DEL PRADO - ROOM 101

A happy holiday season to you all!!

It appears that the speaker that I had arranged for our January, 2001 meeting has fallen through and I am left to my own designs. The filling of the January slot has often proven to be difficult because of the close proximity of our meeting date to the holiday period. This January has been no different.

I am extremely sorry to report that those of you choosing to attend a meeting the day after their New Years celebration will be stuck with — me. Since the spring show is not far off, and it looks like it will be a good year for Dendrobium speciosum, I think that I can put together a decent program pertaining to Aussie orchids. I also will include some slides that I took on my recent tour of Southeast Asia.

The plant table will consist of Aussie Dendrobium and Sarcophilus, that are easily grown outside in our area. As to the speaker's qualifications — none, except a big mouth. However, if you are unhappy with the presentation, you can check with Gary for a refund of your membership fees.

Merry Christmas.
George Kenner

UNCLASSIFIED ADS

Seeking back issue volumes of Awards Quarterly, Orchid Digest, AOS Orchids for personal library. If your collection is available, please call Cindy Hill at (858) 481-5782 or e-mail cynthiahill@msn.com

Classified Ads from SDCOS members, published free of charge. Limit 30 words, renew for each issue. Submit to Michael Orser, mikiniki@netzero.net by second Tuesday before the next month.

UPCOMING SHOWS

Mini show January 20th and 21st - Balboa Park, Room 101
This is presented by the SDCOS for your enjoyment! Spread the word! Entries accepted by members only! No vendors. Yes, this means that you could possibly win an award! Take a stab at it. Times and dates are as follows:

Bring plants January 19th from 6-9am
January 20th 12-4pm
January 21st 10-4pm

CLASSIC OOHs AND AAHs



Phalaenopsis

P. GIGANTEA

rare, greenish yellow with brown spots

P. VIOLACEA 'BORNEO'

violet with green, yellow accents

P. EQUESTRIIS 'ALBA' X 'AUREA'

white with a hint of rose, branching

P. GOLDEN EMPOROR 'SWEET' FCC/AOS

large, yellow, no spots

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SDCOS Spring Show March 16th-18th - Scottish Rite Center

You know the rest, be there or be square! We will need help from volunteers. Make plans now or regrettably miss our biggest exposure to this fine city we live in! More to come...

Welcome!

Join me in wishing a HAPPY MILLENIUM to our newest group of members during the past three months...

Nancy & Paul Abernethy
Robyn Badilla
Lawerence Bame
John Wade Bogren
Ken Campbell
Anne Cashmore
Natalie & Ian Catlett
Paula Couturier
Ted M. Cross
Leslie & Julian Duval
Deborah Elder
Jeannie & John & Cole Estrada
Mikaela & Andrea Fincham
Jeff Fischer
Susan & Norman Gilbert
Christina Grimaldi
Rosemary & Ivan Harrison
Linda Hauss
Liz Hildreth
Pamela Kern
Sylver & Gary Kinsella
Charles Landon
Smith Mary Chicorne
George Matt
Barbara & Mike Murphy
Helen Odom
Roz Owen
Teri Owens
Dee & Bob Parks
Joyce Piscopo
Richard Prince
Nancy & J.C. Roth
Laura Scholes
Maureen & John Schoonmaker
Cindy & Curtis Snyder
Charlene & Glenn Sobel
Joanne Stephens
Santee & Tony Sucec
Ann Vandergeuten
Alice & Tom Villalobos

San Diego Targets Cuzco, Peru

by Eric A. Christenson, PhD
AOS ORCHIDS, October, 2000.
Submitted by Cynthia Hill

The San Diego County Orchid Society's Conservation Committee, one of a few societies in the U.S. with an aggressive approach to orchid conservation, has funded a grant for \$581 to purchase books for the Vargas Herbarium of the University of Cuzco, Peru, and for the personal library of a most promising young University student, William Nauray. Nauray is actively studying the orchids of Wiñay Wayna, an orchid-rich, cloud-forest portion of the Historical Sanctuary of Machu Picchu.

The Vargas Herbarium (CUZ), which is the primary repository of orchid specimens from southern Peru, contributed substantially to the Orchids of Peru by Charles Schweinfurth, written in the late 1950's and 1960's. Most of the herbarium was inventoried and photographed in 1999 by a grant from the Orchid Research Fund of the Institute of Systematic Botany of the New York Botanical Garden. Nauray has a remarkably astute eye for miniature orchids in the field and has contributed many new, well-documented distribution records for Cuzco. Among his collections are the first Peruvian collections of *Pachyphyllum tortuosum*, previously thought to be a Venezuelan endemic, as well as *Stellilabium pogonostalis* and *Telipogon venustus*. His collections, which are still under active study as part of his thesis, include a number of unidentified collections that are either new to Peru or, more likely, new to science. Visiting Nauray in Cuzco represents the very essence of cutting-edge new discoveries — a truly exciting, hands-on time. Access to his study set significantly contributed to the Orchids of Machu Picchu (in press), the first eco-tourist guide to the orchids of the Sanctuary published under the auspices of the Finnish Government. This work describes more than 250 species of orchids distributed in some 71 genera and represents the first orchid florula (treatment of a small flora) for Peru.

My Peruvian colleague, David Bennett, and myself are quite impressed by Nauray's ability to navigate in high elevation cloud forest, self-motivate to continue active field work under trying conditions, and diligently follow-up with meticulous herbarium and library studies until solid identifications of his collections can be nailed down. Clearly Nauray is at the start of what we hope [and encourage] is a long and productive career.

In addition to books purchased for Nauray for his research within the Sanctuary, a ten-year run of the Orchid Digest has

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been purchased and deposited in the library of the Vargas Herbarium, available to anyone interested in botany and (or) orchids. To our knowledge this is the first set of this journal in southern Peru and the first set of this journal in a public library in Peru. During recent trips to Peru the author has hand-carried partial sets of the American Orchid Society Bulletin and Orchids, donated by arm-twisted private orchid growers, to Peru. While these represent a good start, the author quite actively and unabashedly seeks further donations of orchid books and journals for libraries/students in Peru. As I am often quoted, "if you can get them to Sarasota, I will get them to Peru."

The San Diego Orchid Society is to be applauded for their long-term view, helping to build orchid resources in tropical Latin America. While the general rule in conservation is to "think globally and act locally", I prefer the hard-core activist approach followed by San Diego to think globally and simply act globally. Readers of Orchids, the Orchid Digest, and other popular journals should eagerly anticipate an onslaught of articles by a dedicated group of students in Cuzco including Nauray and his associates Danitza Moscosa and Norma Salinas.

The San Diego County Orchid Society actively seeks support for its conservation work. Anyone interested in donating orchid-related publications to public institutions in Peru should contact the author. Anyone interested in donating money or other resources directly to San Diego's conservation efforts should contact Dr. Peter S. Tobias, Dept. of Immunology IMM-12, The Scripps Research Institute, 10550 N. Torrey Pines Rd., La Jolla, CA 92037 (e-mail: tobias@scripps.edu).

San Diego County Orchid Society

BOARD MEMBERS

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First Vice President	George Kenner
Second V. President	Duncan Werth
Secretary	Siv Garrod
Treasurer	Barbie Mays
Directors 1998-2001	Ben Machado
1999-2002	Loren Batchman
2000-2003	Sam DeMaria
Past President	Fred Weber

Orchid Genera

Stolen from a Tolen named Harry

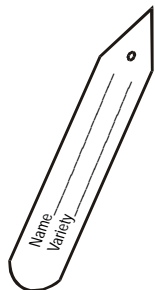
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Interview with Jeffrey Baum

By Michael Orser

Age: 14

Occupation: Freshman at Steele Canyon High School

Years as a member: about one year

Favorite book: Illustrated Encyclopedia of Orchids,
published by Timber Press

Special accomplishments: I won second place in the San Diego County Science and Engineering Fair with his entry about orchid germination. I was the only eighth grader!

Favorite orchid memories: Spring 2000 SDCOS Show, this was the first show where I was really knowledgeable about orchids.

What started your thirst for orchids? I began by caring for my parent's orchids. My first was a dendrobium from K-Mart, which died.

Which orchids do you collect? At first, it was anything. Then I collected stanhopeas, and finally I settled on vandaceous types. The orchids I like are mostly from SE Asia.

Mow many orchids do you have? Fifty plus many seedlings.

Do you have a greenhouse and is it full? Yes. Well, no. It was built by my parents and their friends. The frame is still up, but the plastic has deteriorated.

What do you see yourself doing with orchids in ten years from now? Hopefully start a business, maybe become a professor of Orchidology.

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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 1st Tuesday of each month at Casa del Prado in Balboa Park. Admission is free—anyone is welcome. We invite you to join the Society to receive the monthly newsletter and many other benefits.

Novice Class: 6:30 p.m., Room 104

General Meeting: 7:30 p.m., Room 101

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 Follmer, SDCOS Membership, 13127 Roundup, San Diego, CA 92129, Tel: 619-538-6187, E-mail: vivianfollmer@netscape.net

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SDCOS Board of Directors Meeting

December 12, 2000. Meeting called to order at 19:01
Submitted by Siv Garrod

Present: Gary Pierwola, Fred Weber, George Kenner, Barbie Mays, Dave Mays, Mike Orser, Duncan Werth, Ben Machado, Loren Batchman, Alma Marosz, and Siv Garrod.

REPORTS

1. Last meeting's minutes were read, and approved by motion.
2. Treasurer - Barbie Mays - Report for November was presented, and approved by motion.
3. First Vice President - George Kenner - The speaker is George Kenner, he will discuss Den. speciosum and show slides from the trip to Thailand at the January meeting.
4. Second Vice President - Duncan Werth - Concepcion Boyd will talk about Mexican species at the January Novice class.
5. Due to a misunderstanding, the information about the Christmas party was not in the December newsletter. Volunteers called the members and gave them the information. The gift exchange was added when the entertainment was canceled.

Meeting adjourned 19:45

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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.

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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

DATES TO REMEMBER...

January 2, 6:30 pm

Beginner's Class

Room 104, Casa del Prado, Balboa Park

Gary Pierwola (619) 426-9108

January 6, 9:00 am

SDCOS Species Group Meeting

First Saturday each month

Paul or Ann Tuskes (858) 274-5829

January 6, 7:30 pm

General Meeting

Room 101, Casa del Prado, Balboa Park

Gary Pierwola (619) 426-9108

January 9, 7:00 pm

SDCOS Board Meeting

Second Tuesday each month

Balboa Park

Siv Garrod (619) 483-8787

January 12, 7:30 pm

Palomar Orchid Society Meeting

Second Friday each month

Vista Community Center

Greg Luetticke (760) 724-4711

January 17

Cymbidium Society Meeting

Third Wednesday each month

Carlsbad Women's Club

Larry Phillips (619) 746-5518

January 19

Zoo Orchid Greenhouses Open House

Third Friday each month

Janette Gerrity (619) 231-1515 ext. 4306

January 20 and 21

Mini show, Balboa Park, Room 101

Plant acceptance is January 19th from 6-9am

Show hours are 20th 12-4pm, 21st 10-4pm

March 16 -18

SDCOS Spring Show, Scottish Rite Center

More detail in the next issues

EPA phasing out popular ant and roach poison

By H. Josef Hebert

Associated Press

Dec. 5, 2000

WASHINGTON - The Environmental Protection Agency has reached agreement for the phaseout of a widely used pesticide, diazinon, because of its potential health risks to children, agency sources said today.

The chemical, used in household ant and roach sprays and in a wide range of garden and lawn sprays, is among a class of chemicals known as organophosphates which attack the nervous system and are believed to pose special threats to children, even at low doses.

Under an agreement scheduled to be announced by the EPA later today the use of diazinon will be banned for use indoors and will be phased out over a four-year period for outdoor lawn and garden applications, a source familiar with the proposal said, speaking on condition of anonymity.

The insecticide is commonly found on the shelves of hardware and lawn and garden shops under trade names such as Ortho, Spectracide and Real-Kill.

The chemical's manufacturer has maintained that the insecticide poses no health risks with normal application as instructed on the product packages. But the manufacturers contend that the extensive tests needed to prove the product safe under a stricter law enacted in 1996 could not be justified, so they agreed with the phaseout, sources said.

Diazinon is one of 45 pesticides known as organophosphates, a group of chemicals derived from the same family of chemicals as the sarin nerve gas agent developed during World War II.

Organophosphates attack the nervous system and have been under special review by the EPA for more than four years because of their potential health effects on children, including their impact on neural development.

Under the Food Quality Protection Act, passed by Congress in 1996, the EPA is required to restrict or ban a pesticide's use if it poses a specific threat to children. Last May, an EPA draft study concluded that diazinon, may pose a greater health risk than previously thought.

It is one of several widely used pesticides that the EPA has

restricted or banned as part of its review of organophosphates. In June, the agency, also citing health risks to children, banned the chemical chlorpyrifos for use in gardens and homes.

Chlorpyrifos for decades was widely used under the trade name Dursban in everything from flea collars to bug spray for gardens and lawns. Some restricted agricultural uses for chlorpyrifos were continued.

January/February Orchid Checklist

Ripped off somewhere deep within the orchidweb.org

Prepared by Ned Nash and James Rose.

Cattleya Watering and fertilizing will be at a minimum, as will potting. Be on the lookout for senescing sheaths on your winter-into-spring bloomers. Careful removal of the dying sheaths will still allow buds to develop without the danger of condensation-induced rot. Low light will lead to weak spikes, so, and as noted above, staking is critical. If you have a chance to get out to nurseries, there may still be a chance to acquire good plants in sheath for spring bloom. Getting them now not only ensures that you'll have them, but allows them to acclimate to your conditions and bloom at their best.

Cymbidium We are well into the flowering season now. Outdoor growers should be cautious of freezing temperatures. Damage starts to occur below 30 F. Be diligent about tying the inflorescences for best arrangement of the flowers. Also watch closely for slugs and snails. If weather is quite wet, protect the plants from the rain and this will help to reduce the risk of botrytis spotting.

Lycaste The most glorious of all orchids, Lycaste, will be moving toward their flowering season. Make sure the palm-like leaves do not interfere with the emerging inflorescences. Tying them loosely together often is helpful. Some growers cut the leaves off at the pseudobulb, but this removes part of the attractiveness of this elegant orchid. Resist picking up the plant to inspect those beautiful buds and then setting it down in all different directions as the flower buds will be forced to re-orient themselves to the light source each time and will not open as nicely as they should. Keep plants a little drier during the shorter days.

Odontoglossums Odontoglossums and their intergeneric hybrids offer a great splash of color now. Though once thought of as being difficult to grow and requiring cool temperatures due to the emphasis on odontoglossum breeding, the new intergeneric hybrids made using *Oncidium* and *Brassia*, for example, are just the opposite. These plants are quite content in more intermediate conditions. New growths generally

emerge in the spring, later forming beautiful plump pseudobulbs. Look for the flower spikes to emerge from the inner sheath of the pseudobulb. If your plant's pseudobulbs are shriveled, then the plants have been kept too dry or too wet. Inspect the roots to determine which condition prevailed. If the lead pseudobulb is large, plump and green (and back bulbs are shriveled) but no flower spike is evident, the plants may have been kept too dry.

Paphiopedilum The standard Paphiopedilum insigne-derived hybrids, which are called "bull dogs" and "toads," are at their peak. Unlike most other orchids, they can even be potted while in bud. There really is no wrong time to pot a paphiopedilum, and no other orchid responds so favorably to fresh mix and a cleanup. Keep an eye on watering until roots begin to grow.

Phalaenopsis Now is the peak of spike development, with the first plants in full flower. Staking and plant preparation is a must for those all-important spring shows. Correct staking now will give a better display and also make it much easier to transport to your society meetings and shows. Care with watering is vital to avoid mechanical damage to the flowers, as well as rot-related problems. Keep spent blooms cleaned up to avoid botrytis inoculation. Do not replot this month. Now you'll be seeing lots of phalaenopsis at orchid shows and sales.

Zygopetalum For the most part, the flowering season will have ended for this group, providing the grower a chance to do some repotting. The plants will then have a chance to become well established before the hotter months of summer arrive. Most growers use bark mixes, but some exceptional results have been seen lately using rock-wool blends. You may want to try this mix, but do not change your whole collection over to this new media until you are sure it is right for you. First, experiment with a few plants to see how they respond.

Firefly Gene Used to Create Orchid That Glows in the Dark!!

by Wilella Stimmell

After 9 years in research and development, the **WORLD'S FIRST AND ONLY BIOLUMINESCENT ORCHID** is up for global auction beginning on December 1 and closing on December 18. At the currency exchange rate on November 15, 2000, 1 US dollar is equal to 1.75 Singapore dollars (SGD). The minimum bid for the bioluminescent orchid is \$200,000. The winning bidder receives: the rights to name the world's first glow-in-the-dark orchid, and the rights to own and grow 5 pots of the orchid and commercialize it for up to 3 years. The 3-year limit on sole rights to the bioluminescent orchid was based on the average time it takes an orchid plant to mature. The Dendrobium orchid was used in the creation of the bioluminescent hybrid because of the worldwide demand for Dendrobium cut flowers.

D. White Fairy #5 is a popular commercial hybrid and its flowers are white. Professor Chia Tet Fatt, National Institute of Education, Singapore, developed the bioluminescent orchid and will still hold the rights to use the bioluminescent orchid for research purposes, after the conclusion of the auction.

A Genetically Modified Organism (GMO) was created by inserting the luciferase gene from the firefly into the orchid. Perhaps in future, disease resistant orchids and flowers with longer shelf life will be developed using genetically altered genes.

Based on his successful research, Prof. Chia developed the Orchid Hybridization Program (OHP) for primary and secondary school students in Singapore. Thus far 100 new hybrids have been created. Students in about 40 more schools will undertake the Orchid Hybridization Program in 2001. Eventually the program will be implemented in schools throughout Singapore, and an estimated 1000 new orchid hybrids per year might be created...

You need to see the 'glowing' to believe it!

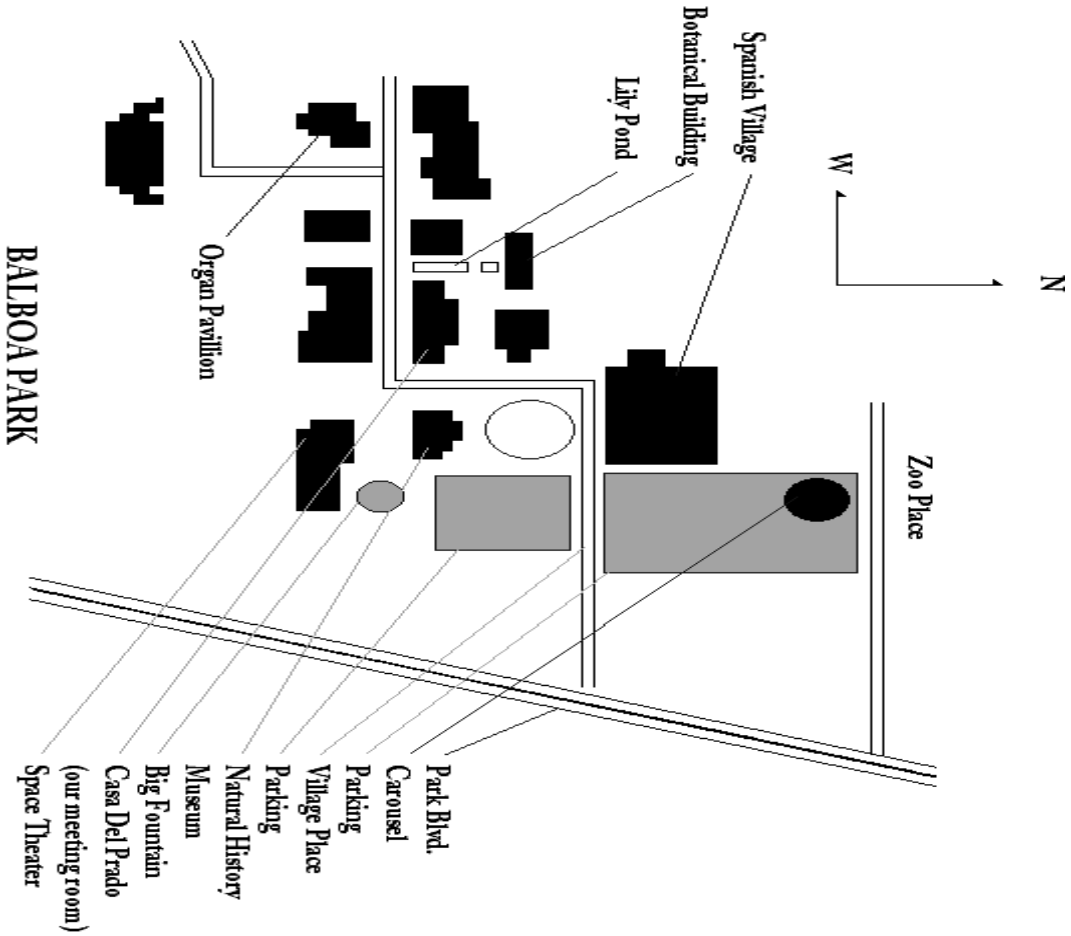
Editor's note: you can view for yourself and read the auction results at www.hybridorchid.com



Another Homo sapiens falls under the domination of the alpha orchid
<http://www.orchidexchange.com/toonwin.htm>



Happy New Year!



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