

Orchid Society of California

Next Meeting: Monday, November 21, 2005
Lakeside Garden Center, Lake Merritt
666 Bellevue Ave. Oakland, California

PROGRAM TOPIC: *Dendrobium* Gerardus B. Staal

A very large and diverse genus, both in appearance and growing conditions, this is a discussion of a cross section of *Dendrobium* with particular emphasis on cool and intermediate growing species. Hybridizing has produced many fine pot plants.

Gerardus is a Dutch native with a masters degree in tropical agronomy and a doctorate in entomology. He worked as a research entomologist for Bay area companies developing novel selective pesticides based on the insect hormonal systems, as well as more traditional ones. ENSTAR and MAVRIK were developed for greenhouse use and a variety of other compounds for household insect control. He retired from entomology in 1990.

His orchid interest started around 1975 and developed into a hybridizing and propagating effort that continues today. Flasks are commercially available under the **Peninsula Hybrids** label. The emphasis is on cool growing orchids from the tropical regions. Many novel hybrids have been registered in the *Odontoglossum*, *Cattleya* and *Pleurothallid* alliances. More recently, a cross section of *Bulbophyllum* and cooler growing *Dendrobium* species was assembled, of which many hybrids and species propagations are now in the flasking stage. The hybridization efforts have been acknowledged by many AOS awards, of which 3 (joint) Awards of Quality for *Masdevallia* hybrids and several Awards of Distinction for novel directions in hybridizing stand out. In addition, a good many Certificates of Botanical recognition for species new to the judging system have been obtained. One new trigenic hybrid genus was named *Staalara*. (The hybrid was *Staalara Gerardus*. AD/AOS.)

Gerardus has served in various capacities on the boards of three local orchid societies (MOS, POS, OSC), a term as president of the *Pleurothallid* Alliance and has been a member of the AOS Research Committee. He still frequently lectures in orchid societies on topics such as *Pleurothallid* hybridizing, Pest and Disease Control in Orchids, *Epidendrum*s and their allies, and *Bulbophyllum*s.

He participated in several collecting trips to Ecuador. One species of *Masdevallia* from that country, *Masdevallia staaliana*, was named in his honor.

CULTURE SESSION: Deflasking Gerardus B. Staal

This deflasking demonstration will introduce the attendees to products produced by Gerardus' company, Peninsula Hybrids. The seedling flasks they use are the result of many years of experimentation leading to large (900 ml), lightweight and wide mouth unbreakable plastic flasks that ship very easily. The species and hybrids propagated are also very special, guaranteed not available in any big-box warehouse store.

"We are a small company with the mission to create novel orchid hybrids, remake desirable hybrids and propagate rare species, primarily of cool and intermediate growing parents in the *Pleurothallid*, *Odontoglossum*, *Dendrobium* and *Bulbophyllum* alliances."

Product descriptions and deflasking instructions can be found on the web at:

<http://peninsulahybrids.com>

November 2005

Inside this issue:

Calendar	2
President's Message	2
Bay Area AOS Awards	4
Contact Us	4
Nominations	4
New Bylaws Draft	5-8
November in your Orchid Garden	9
Show Trophy Winners	10
Membership Renewal Form	11

Meeting Details

- Plant sales will open at 6:30 PM.
 - Pre-program culture session starts at 7:00 PM
 - Meeting starts at 7:30 PM.
 - Raffle table will be provided by Gerardus B. Staal.
-

Dinner with the Speaker

The Speaker's Dinner will be at the Ta Ke Sushi Bar, 357 Grand Avenue, just south of the park. The restaurant serves a variety of cooked Japanese dishes as well as sushi and sashimi.

Dinner is at 5:30 PM

Raffle Table Volunteers

November - Corey Trovinger & Sau Trovinger
January - Find Mary Lou to sign up for 2006!

Dessert Assignments

Members with last names from "Farnon" to "Izod" are responsible for bringing refreshments to the November meeting. If it is your turn to bring refreshments, you are also responsible for participating in the set-up and clean-up. If you are unable to bring refreshments, please make a monetary donation. Those that provide refreshments are entitled to participate in a drawing for the first choice of raffle plants.

Calendar

November 4 - February 26, 2006

Orchids meet Jackson Pollock in "The Modern Art of Orchids," a new exhibit featuring hundreds of nature's living masterpieces. Conservatory of Flowers, Golden Gate Park, San Francisco. 9 a.m. to 4:30 p.m. Tuesdays - Sundays, \$5 general; \$3 youth 12-17, seniors and students with ID; \$1.50 children 5-11
www.conservatoryofflowers.org 415-666-7001

December 10-11

The Orchid Society of Santa Barbara and the Museum of Natural History proudly present "A Holiday of Orchids, an Annual Exhibition and Sale. Saturday, 10am-5pm, and Sunday, 10am-3pm. Santa Barbara Museum of Natural History. 2599 Puesta del Sol Rd. For information call 805 682-4711 or visit

www.west.net/-orchidsb

January 7-8, 2006

The Peninsula Orchid Society Annual Show and Sale "Jungle Fever" 10AM - 5PM. Community Activities Building, 1400 Roosevelt Avenue, Redwood City. Admission: \$5 Adults; \$3 Seniors, Disables, Children 12-16. Information: 650-361-8658
<http://penorchidsoc.org>

March 24-26, 2006

Santa Barbara International Orchid Show, Earl Warren Showgrounds, 3400 Calle Real, Santa Barbara, CA.
Contact: Sandra Svoboda, PO Box 5814, Santa Barbara, CA 93150; (805) 969-5746; sborchid@west.net.

Need more? See the AOS Calendar online at:
<http://orchidweb.org/aos/events/shows.aspx>

November 2005 President's Message

By the time you read this the annual November Show & Sale will have ended, but let me again thank all of you who volunteered their time and effort on behalf of the Society.

Volunteering at our two major shows and annual Banquet is very much appreciated, but there are openings in many areas that need ongoing volunteers. These are, in no particular order:

President

Newsletter Editor

Director (2 openings)

Secretary

Unless nominations or volunteers come forward for the above positions, a great deal of the activities of the Society will stop with the beginning of 2006. As I've stated previously, there are lead times for planning purposes that will keep shrinking the longer we wait for someone to take up the job(s).

The full list of nominations for the 2006 Board of Directors are published elsewhere in this newsletter. Please review the names, and consider what you could do for your club in any of the open areas. Remember, the more people on the Board and ancillary positions, the less work for anyone in running this busy society.

Thanks!

Carol Klomowski

NEW EXHIBITION
The Modern Art of Orchids
At San Francisco's Conservatory of Flowers

Orchids meet Jackson Pollock in "The Modern Art of Orchids," a new exhibit featuring hundreds of nature's living masterpieces, orchids, on view November 4, 2005 through February 26, 2006. With a stylish and contemporary flair, "The Modern Art of Orchids" will immerse you in the abstract beauty of the world's most diverse group of flowering plants. Take a seat in the exhibit's Orchid Lounge to marvel at the riot of colorful blooms and innovative floral displays around you. In conjunction with "The Modern Art of Orchids", the Conservatory will host a series of "how-to" weekend workshops for orchid aficionados and amateurs alike. And families can pick up a free exhibit activity guide for children.

WHAT: The Modern Art of Orchids – a breathtaking exhibition of nature's living masterpieces, orchids.

WHEN: November 4, 2005 – February 26, 2006
Closed Mondays.

TIME: 9 a.m. to 4:30 p.m. Tuesdays – Sundays

WHERE: Conservatory of Flowers,
Golden Gate Park, San Francisco

TICKETS: \$5 general; \$3 youth 12-17, seniors and students with ID; \$1.50 children 5-11, children 4 and under FREE

INFORMATION: 415-666-7001

www.conservatoryofflowers.org

TONKIN'S ORCHIDS INC.

PAPHIOPEDILUMS

CLOSEOUT SALE

PRICES REDUCED TO SELL

NOVEMBER THRU JANUARY

SATURDAY & SUNDAY

10 AM – 5 PM

1330 ISABEL AVENUE

LIVERMORE, CA 94550

PHONE: MON.- FRI. (510) 526-1371

SAT.-SUN. (925) 447-7171

AOS Awards

Pacific Central Supplemental Center San Francisco, October 4, 2005

Paphiopedilum Carole Kroeger 'Chico's Dove'
(Paph. Key Lime x Paph. Goultenianum)

HCC 76

Exhibited by Francisco Baptista

For more information and pictures please visit
the Pacific Judging web site:

<http://www.aospacificcentral.org>



Nominations for the 2006 OSC Board of Directors

President – Open

Vice-President – Lois Miller

Treasurer – Dan Chiappone

Secretary - Open

Director (3 positions) – Earle Stebben

- **Open**

- **Open**

Newsletter Editor – Open

Membership Chair - Open

Contact Us

Officers

Carol Klonowski *President* 510-538-3092
cklonowski@aol.com

Walter Shinn *Vice President*
walter.shinn@sri.com

Lois Miller *Secretary* 510-793-4243
slippergal@msn.com

Dan Chiappone *Treasurer* 925-943-2022
Dchiapaj@aol.com

Directors

Earle Stebben 510-582-3404
estebben@yahoo.com

DeAnn Mosbey 510-521-7825
dmosbey@aol.com

Volunteers

Sharalyn Stebben *Advertising* 510-582-3404

Lois Miller *Membership Chair* 510-793-4243 slippergal@msn.com

OPEN *Publicity Chair* 510-____-____@____.com

Heather Drobis *Hospitality* 510-531-1210

Dawn Muller *Refreshments* 510-893-7244

Gerardus Staal *Special Projects* 650-328-2404

Ray Vickers-Traft *Special Projects* 510-839-9647

Mike Anderson *Newsletter Editor* 510-651-1781
vailanderson@comcast.net

Agnes Raddell *Plant Sales* 925-829-0485

Jane Tsushima *Plant Sales* 510-635-5129

Mary Lou Smith *Raffle Sales* 510-538-9977 mlrls@aol.com

Carol Klonowski *Website Goddess* 510-538-3092
cklonowski@aol.com

Mary Lou Smith *A.O.S. Representative* 510-538-9977 mlrls@aol.com

Mimi Rose *Greenhouse Tours* 510-569-8683

rose4mimi@Yahoo.com.com

Chris Martin *Librarian* lagomorph@alamedanet.net

Proposed update of Bylaws

This latest draft of the OSC bylaws are being published to allow the membership the opportunity to comment prior to the officers and board voting to ratify. There will be time for discussion at the November meeting. The ratified bylaws will be published in the December newsletter.

Respectfully submitted:
Bylaws Committee
DeAnn Mosbey
MaryLou Smith
Musia Stagg

BYLAWS ORCHID SOCIETY OF CALIFORNIA, INC.

ARTICLE I NAME AND OFFICE

Sec. 1 The name of this corporation shall be the Orchid Society of California, Inc., also known as OSC and referred to as OSC in these bylaws.

Sec. 2 The principle office of this corporation shall be in Oakland, California. The Board of Directors may at any time establish the place or places where the corporation is qualified to conduct its activities.

ARTICLE II PURPOSE

Sec. 1 OSC shall promote the study, knowledge, cultivation, hybridization, exhibition and preservation of orchids. OSC also promotes the distribution of orchids among the Society membership and other parties interested in growing orchids.

Sec. 2 The purpose for which OSC is formed shall not be held to limit or restrict in any manner the powers of OSC.

ARTICLE III MEMBERS

Sec. 1 An Active Member is any person interested in orchids and shall be eligible for membership in OSC and is a resident of California. Active members shall participate in all membership activities of the corporation, shall pay dues, and shall exercise the membership voting power of the corporation.

Sec. 2 A Life Member is any person who has performed a substantial service to OSC. Life members shall participate in all membership activities of the corporation and shall not pay dues. Life member shall exercise the membership voting power of the corporation. An elected president of the corporation who has completed the term of office shall automatically become a life member.

Sec. 3 An Honorary Member is any person nominated and elected by the Board of Directors, who has made outstanding contributions to OSC or the orchid community, and shall be for a period determined by the Board of Directors. Honorary member shall not pay dues. Honorary members can participate in all membership activities of the corporation except they can not vote, serve on a committee, or hold office.

Sec. 4 A Non-Resident Member is any person other than Active, Life, and Honorary member residing outside the State of California. They shall pay dues, have all the rights of active membership except they shall not vote, serve on a committee, or hold office.

Sec. 5 Membership in OSC shall be granted to any eligible person, or entity filing an application for membership, together with the payment of dues with the Membership Director.

Sec. 6 Members shall have the right to vote, as set forth in these bylaws, on the election of officers and directors, on any merger and its principle terms and any amendment of those terms, and on any election to dissolve the corporation and on the disposition of all or substantially all of the corporation's assets. Members in good standing shall be entitled to be nominated, and to serve if elected or appointed to any position, and to participate in all activities of OSC, provided that the member's dues are paid for the current year. In addition, members shall have all rights afforded members under the California Nonprofit Public Benefit Corporation Law.

Sec. 7 No part of the net earnings of the corporation shall benefit, or be distributable to its members, directors, officers, or other individuals.

ARTICLE IV Termination and Suspension of Membership

Sec. 1 A membership shall terminate on the occurrence of any of the following events:

- A. Resignation of the member. Any member may resign at any time. No cancellation or refund of dues shall be made to any member who resigns.
- B. Failure of the member to pay dues as set by the Board within one (1) month after they become due and payable.

Sec. 2 Any membership may be suspended or terminated for cause including but not limited to non-payment of dues, violations of these bylaws or any rule or practice adopted by OSC or conduct deemed prejudicial to the interests of OSC. Except in the case of non-payment of dues, suspension or expulsion shall require two-thirds (2/3) vote of the Board of Directors after written notice not less than 20 days to the last recorded address of the member prior to such action.

(Continued on page 6)

(Continued from page 5)

The member shall be offered a reasonable opportunity to be heard either in person or in writing.

ARTICLE V DUES

Sec. 1 Dues for the calendar year shall be payable on January 1 in an amount as shall be set by the Board of Directors.

Sec. 2 In their first calendar year of membership, new members joining prior to July shall be subject to dues for the entire calendar year, new members joining subsequently to June 30 shall be subject to dues for that year in an amount equal to one-half (1/2) of the full annual dues. If membership is made in the last quarter, the membership counts for the remainder of the year and for the following year.

Sec. 3 Lapsed Membership - Members who fail to pay their dues by February 1 shall be notified by the Membership Director, and if payment is not made by March 1 shall, without further notice and without a hearing, be dropped from the rolls and then forfeit all rights and privileges of membership.

Sec. 4 The Board of Directors may provide for life memberships and set the dues at its discretion.

Sec. 5 Honorary membership may be given at the discretion of the Board of Directors followed by approval of the membership by a show of hands vote at a general meeting.

ARTICLE VI MEETINGS

Sec. 1 Regular monthly meetings of OSC members shall be held at such time and place as designated by the board. No business requiring a vote by members shall be transacted at a meeting unless members have been notified, either in the newsletter, or in writing, in advance of the proposed business to be transacted at the meeting.

Sec. 2 Regular meetings of the Board of Directors shall be held at such time and place as designated by the board. No change in the meeting place shall be effective unless three (3) days notice shall have been given to each director either personally, or by mail to the last address furnished by him/her to the corporation.

Sec. 3 Special meetings of the Board of Directors may be called at any time and place by the President or Secretary or any three (3) directors, and notice in each case shall be given personally or by mail at least two (2) days before the meeting. The transactions of any meeting of the Board of Directors, however called and noticed, shall be as valid as thought a meeting had been duly and regularly held if a quorum be present, and if either before or after the meeting,

each absent director signs a written waiver of notice, or consent to the holding of such a meeting, or written approval of the minutes.

Sec. 4 The meeting to elect OSC officers, herein called the Election Meeting shall be held in December of each year at such time and place as designated by the Board of Directors.

ARTICLE VII Elected Officers

Sec. 1 The officers of this Society shall be:

- A. President, Vice President, Secretary, and Treasurer, all of whom shall be elected annually by the members.
- B. A Membership Director and two other General Directors, all of whom shall be elected annually by the members.

Sec. 2 Limitations on Service: No member shall hold more than one office at a time and no member shall be eligible to serve more than two (2) consecutive terms in the same office except treasurer who can serve for no more than four (4) consecutive terms. The elected Officers and Directors shall serve for a term of one year beginning January 1 and ending December 31.

Sec. 3 Vacancies: Should the office of President become vacant, the Vice President shall serve as president until a special election elects a new president. Should the offices of Vice President, Secretary, Treasurer, Membership Director, or General Director become vacant they shall be filled by appointment by the president with the approval of the Board of Directors to serve until the next election of officers and directors.

Sec. 4 Resignation: Any elected officer or director may resign by submitting that resignation in writing to the Board of Directors.

Sec. 5 Any Officer or Director may be removed from office by a vote of five (5) members of the Board of Directors to do so when, in their judgment, such Officer or Director shall have fail to perform duties adequately or shall have become unable to fulfill their position.

ARTICLE VIII BOARD OF DIRECTORS

Sec. 1 The Duties of the Board of Directors shall be the supervision, control and direction of the affairs of OSC. They will perform any and all duties imposed on them collectively, or individually, by law, by the Articles of Incorporation, or by these bylaws to protect the status of the association.

Sec. 2 There shall be a Board of Directors consisting of eight (8) members selected as follows:

- A. The President, Vice President, Secretary, and Treasurer as ex-officio Directors.

(Continued on page 7)

(Continued from page 6)

- B. The most recent Past President consenting to serve as a non-elective Director.
- C. Director of Membership and two (2) Directors other than the aforementioned Officers and Past President.
- D. Officers and Directors shall be active members in good standing with OSC

Sec. 3 Any four (4) members of the Board of Directors present shall constitute a quorum at any meeting of the Board.

Sec. 4 Meetings of the Board of Directors shall be presided over by the president, or in his/her absence the vice president. In the absence of these persons, a temporary chair will be chosen by a majority of directors present at the meeting.

Sec. 5 Directors shall not receive any compensation for their services as Directors, but the Board of Directors may by resolution authorize reimbursement of expenses incurred in the performance of their duties. Such authorization may prescribe procedures for approval and payment of such expenses by designated officers of OSC.

Sec. 6 The Board of Directors shall adopt a budget for the coming fiscal year not later than its June meeting.

ARTICLE IX Duties of Officers

Sec. 1 The President is the principal elective officer of OSC and presides at all meetings of this society and of the Board of Directors shall appoint and be an ex-officio member of all Committees. He/she shall exercise general supervision over the affairs and activities of OSC.

Sec. 2 The Vice President shall assume the duties of the President during the absence of that Officer. He/she shall be responsible for obtaining the guest speaker and/or programs for the monthly meetings, and shall perform other duties as may be requested by the Board of Directors.

Sec. 3 The Secretary shall attend to the following:

- A. Book of minutes. The Secretary shall keep or cause to be kept, at the principle executive office or such other places as the Board of Directors may direct, a book of minutes of all business meetings and actions of OSC and its Board of Directors.
- B. Membership records. The Secretary shall keep, or cause to be kept, at the principal executive offices as determined by resolution of the Board of Directors, a record of the corporation's members, showing the names of all members, their addressees, and the class of membership held by each. He/she shall send and answer any OSC correspondence when not handled by the President.
- C. Notices, seal and other duties. The Secretary shall give, or cause to be given notice of all meetings of the members of the Board of Directors required by the bylaws to be given. He/she

shall keep the seal of corporation in safe custody and shall have such powers and perform such other duties as may be prescribed by the Board of Directors.

Sec. 4 The Treasurer shall attend to the following:

- A. Book of Accounts. The Treasurer shall keep and maintain, or cause to be kept and maintained, adequate and correct books and records of accounts of the properties and business transactions of the corporation, including monthly accounts of its assets, liabilities receipts, disbursements, gains, losses, capital, fund balances, and other matters customarily included in financial statements, The books of account shall be open to inspection by any member upon reasonable notice.
- B. Deposit and disbursement of money and valuables. The treasurer shall deposit all money and other valuables in the name and to the credit of the corporation with such depositories as may be designated by the Board of Directors; shall disburse the funds of the corporation as my be ordered by the Board of Directors, shall render to the President and Directors, at each Board Meeting, an account of all his/her transactions as treasurer and of the financial condition of the corporation; shall have such other powers and perform such duties as may be prescribed by the Board of Directors or the bylaws.
- C. Bond. If required by the Board of Directors, the treasurer shall give the corporation a bond in the amount and with the surety or sureties specified by the Board of Directors for faithful performance of the duties of his/her office and for restoration to the corporation of all its books, papers, vouchers, money, and other property of every find in his/her possession or under his/her control on his/her death, resignation, retirement, or removal from office. Should such a bond be required, the corporation shall bear the cost of obtaining such bond form a bonding agency.
- D. Budget. The treasurer shall submit to the Board of Directors for its approval a proposed budget for the coming fiscal year not later than the June Board meeting.

Sec. 5 The Membership Director shall attend to the following:

- A. He/she shall receive membership applications and collect dues for the treasurer.
- B. Maintain an accurate membership list for the secretary.
- C. Create an annual roster of membership for members.
- D. He/she shall be available at all meetings and

(Continued on page 8)

(Continued from page 7)

functions of this organization or if unavailable have another director take his/her position.

- E. Perform such duties as may be prescribed by the Board of Directors.

Sec. 6 The two (2) remaining General Directors shall perform such duties as may be prescribed by the Board of Directors

Sec. 7 Other Officers or appointed positions shall perform such duties as may be directed by the Board of Directors. The Show Chair(s) shall plan the Mother's Day Show and November Show. This entails getting American Orchid Society approval, obtaining the judges, securing the place for the show, the date and time of the show, obtaining plants to sell or vendors to rent space and staging the show so the public can learn more about orchids.

ARTICLE X Maintenance of Corporate Records

Sec. 1 The Corporation shall keep:

- A. Adequate and correct books of records of account.
- B. Written minutes of proceedings of its members, Board of Directors, and committees of the Board or membership.
- C. A record of each member's name, address, and class of membership.

Sec. 2 The corporation shall keep at its principle office the original or a copy of the articles of incorporation and by-laws, as amended to date, which shall be open to inspection by the members at all reasonable times during normal business hours.

ARTICLE XI Elections

Sec. 1 Nominations: The Slate of officers and directors shall be presented by the committee on nominations to the Board of Directors. This committee consists of one (1) Board of Director not running for election and 2 members of OSC. The report of nominations shall be reported in the newsletter 30 days prior to the election. The report shall be read at the December meeting at which time nominations from the floor are in order.

Sec. 2 Election Meeting:

- A. Election of Officers and Directors: At the Election Meeting the Nominating Committee shall read its report, after which nominations shall be open for additional nominations for President, Vice President, Secretary, Treasurer, Membership Director, and two (2) directors. After nominations have been closed, a written ballot shall be taken to fill each of these offices. A majority of votes cast shall be elected.
- B. Other Nominations: At the Election Meeting, any member present at the meeting in person or by proxy may place names in nomination prior to voting. It is the responsibility of the Offi-

cer presiding at the meeting to ensure that the individual making such floor nomination is a voting member in good standing and that the proposed nominee is a qualified candidate

- C. The elected Officers and Directors shall serve for a term of one year beginning January 1 and ending on Dec. 31.
- D. Appointed Officers shall serve from the date of their appointment until their successors have been appointed, at which time they shall promptly deliver to their successor all Society records and properties that have been in their possession or custody.
- E. Vacancies occurring in any Office or Directorship shall be filled for the unexpired term through appointment by the Board of Directors or by special election.

ARTICLE XII Dissolution

The corporation shall use its funds only to accomplish the purpose stated in these by laws, and no part of its funds shall inure or be distributed to the members of the corporation. On dissolution of the corporation, after paying or adequately providing for the debts, obligations, and liabilities of the corporation, all remaining funds shall be distributed to one or more nonprofit fund, foundation or corporation which is organized and operated exclusively for charitable purposes and which has established its tax exempt status under Section 501 (c)(3) of the Internal Revenue code. The remaining assets shall be sent to the American Orchid Society for orchid research (if the AOS still qualifies).

ARTICLE XIII Parliamentary Authority

The rules contained in the current edition of Robert's Rules of Order, Newly Revised, shall govern the corporation in all cases to which they are applicable and in which they are not inconsistent with these bylaws and any special rules of order the association may adopt.

Article XIV Amendment of Bylaws

Sec. 1 The Board of Directors may adopt, amend, or repeal by-laws except that no bylaw adopted or amended by the members may be repealed or amended by the directors, and no bylaw repealed by the members may be reenacted by the directors.

Sec. 2 Any proposed amendment to the bylaws must be submitted in writing to the Board of Directors and signed by no less than 10 members of this Society. Such a proposed amendment must be presented and read at a regular monthly meeting of this Society.

Sec. 3 These bylaws may be ratified at any meeting by a two-thirds (2/3) vote of the members present, either by ballot or raising of hands, provided that a copy of the proposed amendment has been sent to all members at least thirty (30) days prior to that meeting.

November in Your Orchid Garden

Cold Temperature Tolerance of Different Orchids

Orchids are such a vast group of plants which have succeeded in nearly every conceivable habitat on earth, that knowledge of a specific genera's cultural requirements rather than a general knowledge of what "orchids" like is necessary to successfully cultivate the various types. Most cultivated orchids come from tropical regions but differences in elevation and other geographic features of their native habits can mean dramatic differences in the response of orchids to various external conditions. These differences can be seen in different genera's toleration of cold. While some orchids are native to regions where frost is more the norm than the exception, others are hyper-tropical plants for whom 50 F is far too cool. Knowing which is which is essential in a mixed collection of orchids.

Dendrobiums are among the most confusing for new orchid growers. This huge genus inhabits an incredible variety of ecological niches. Ironically, the two sections most common in horticulture are diametrically opposite in cold tolerance. Section *Dendrobium*, the soft bulb or "nobile types" whether in their pendulous forms like *D. anosum* and *aphyllum* or in the upright types like *D. nobile* and its hybrids, positively relish the cold. Temperatures right down to frost are the best culture to produce the most prolific blooming of these plants. Without cold and drought stress in winter these plants will retain their leaves and produce an abundance of vegetative growths but few if any flowers. Stressed by cold and dried out properly these plants lose all their leaves and in spring the bare bulbs are covered in flowers. It's just the opposite for the "hard cane" Dendrobiums of sections *Spatulata* and *Phalaenanthe*. Loss of leaf on *D. phalaenopsis* types is usually indicative that they have suffered from too much cold. Temperatures below 60F can produce this undesirable effect.

D. phalaenopsis and evergreen types should receive the maximum cold protection. Other sections of the genus have slightly different tolerances. Section *Callista*, *D. farmerii*, *D. lindleyi*(*aggregatum*) and their relatives can take temperatures nearly as low as the *nobile* types and will bloom all the better for exposure to temperatures in the 30's. Section *Formosae*, *D. formosum*, *D. infundibulum* and the new hybrids prefer slightly warmer conditions but are quite happy with temperatures in the 40's. Other sections of *Dendrobium* in cultivation such as *Pedilonium*, *Latouri*, and the Australian hybrids of section *Dendrocorne* have slightly different requirements and those growing these more "exotic" will succeed best in researching them. Try B. Lavarack et al. *Dendrobium and its Relatives*, Timber Press.

After the cold sensitive "hard cane" Dendrobiums, *Phalaenopsis* are the most tender of commonly grown orchids. *Phalaenopsis* will be strongly induced to bloom by temperatures in the mid 50's. A few exposures to temperatures below 60 will produce the desired spikes and thereafter the plants will be happiest if they are kept above 60. One or two nights down to 50 or slightly below will do little harm but are to be avoided in the best kept collection.

Vandas come next on the scale of sensitivity. Like phals they are stimulated to bloom with sharp drops of temperature unto the 50s, especially when the temperature can be induced to climb into the 80's by day. Vandas will tolerate brief excursions into the upper 40's but are best kept above 50 degrees. Temperatures below 50 for very long or very often will produce the tinkling sound of falling *Vanda* leaves, turning the plants into palm trees.

Oncidium of the "mule ear" type with thick fleshy leaves (*O. luridum*, *lanceanum* etc.) Have warmth requirements similar to Vandas. The thinner leaved *Oncidineae* will usually take temperatures into the 40's with aplomb. Many of the hybrids in this group have been bred to *Miltoniopsis* and to *Odontoglossum* to increase their cold tolerance. A caution with this group is the ability of wind to strip heat rapidly from their thin leaves. The cold tolerance of these will be much greater in still air.

With the exception of some species of Amazonian origin like *Cattleya violacea*, *C. luteola* and a few others, most cattleyas can take quite cool temperatures. Experienced growers have few concerns for them even in temperatures down to the upper 30's. They must, however be protected from both frost and freeze. Be extra cautious on those clear, still nights when the temperature drops to the 30's.

In addition to the cold loving *nobile* dendrobiums, certain other genera from the high Himalayas such as deciduous *Calanthe* and *Cymbidium* species and hybrids actual require quite cold temperatures to stimulate them to their best bloom. Even "warm growing, temperature tolerant" hybrid *cymbidium*s flower best when chilled repeatedly into the low 30's.

All orchids tolerate cold best when they have proper nutrition. Avoid too much nitrogen which might stimulate too soft of growth and increase the dosage and frequency of application of both magnesium and potassium in colder weather.

OSC 2005 Trophy Winners

I. TROPHIES FOR EXHIBITS:

<p>1. AOS SHOW TROPHY – most outstanding exhibit in show Exhibitor: <u>Fred Jernigan & Francisco Baptista</u> Display No. <u>3</u></p>
<p>2. ODC SHOW TROPHY – non-commercial exhibit displaying the highest levels of artistry, taste and innovation in design and presentation; flower quality; cultural excellence Exhibitor: <u>Walter Shinn</u> Display No. <u>19</u></p>
<p>RUNNER-UP DISPLAY TROPHIES: 3-8 (Winners of AOS and ODC Trophies not eligible)</p>
<p>3. BEST SMALL EXHIBIT (Commercial) Exhibitor: <u>none</u> Display No. _____</p>
<p>4. BEST SMALL EXHIBIT (Non-Commercial) Exhibitor: <u>none</u> Display No. _____</p>
<p>5. BEST MEDIUM-SIZED EXHIBIT (Commercial) Exhibitor: <u>Hanging Gardens</u> Display No. <u>2</u></p>
<p>6. BEST MEDIUM-SIZED (Non-Commercial) Exhibitor: <u>Musia Stagg</u> Display No. <u>16</u></p>
<p>7. BEST LARGE-SIZED EXHIBIT (Commercial) Exhibitor: <u>Top Hat Orchids</u> Display No. <u>4</u></p>
<p>8. BEST LARGE-SIZED (Non-Commercial) Exhibitor: <u>none</u> Display No. _____</p>
<p>9. BEST DISPLAY BY A VISITING ORCHID SOCIETY Exhibitor: <u>none</u> Display No. _____</p>
<p>10. BEST INTERPRETATION OF SHOW THEME Exhibitor: <u>Mimi Rose</u> Display No. <u>18</u></p>
<p>11. BEST EXHIBIT BY ONE OR TWO INDIVIDUALS – non-commercial growers only Exhibitor: <u>Walter Shinn</u> Display No. <u>19</u></p>
<p>12. BEST EXHIBIT BY GROUP – three or more, non-commercial growers only Exhibitor: <u>none</u> Display No. _____</p>
<p>13. BEA AND NOBLE EMERY TROPHY – exhibit by one or more novice growers Exhibitor: <u>none</u> Display No. _____</p>
<p>14. BEST ORCHID DISPLAY IN A BASKET – not part of a larger Display Exhibitor: <u>none</u> Display No. _____</p>

II. TROPHIES FOR INDIVIDUAL PLANTS

<p>1. FOUNDERS TROPHY – best orchid in show, combined culture/flower quality Exhibitor: <u>Hanging Gardens</u> Display No. <u>2</u></p>
<p>2. H.E. METCALF TROPHY – best specimen plant from all classes Exhibitor: <u>Gary Jones</u> Display No. <u>15</u></p>
<p>3. BEST ORCHID SPECIES – best species orchid from all classes Exhibitor: <u>Hanging Gardens</u> Display No. <u>2</u></p>
<p>4. WILLIAM B. LANDE CYRUS CUP – best intergeneric hybrid, non-commercial growers only Exhibitor: <u>Musia Stagg</u> Display No. <u>16</u></p>
<p>5. FRANK FORDYCE TROPHY – best miniature Cattleya, under 12” in height, non commercial only Exhibitor: <u>Musia Stagg</u> Display No. <u>16</u></p>
<p>6. FRED JERNIGAN AWARD – best Paphiopedilum Exhibitor: <u>Musia Stagg</u> Display No. <u>16</u></p>
<p>7. SEVERIN ORCHID FARM AWARD – best miniature botanical species under 8 inches Exhibitor: <u>Musia Stagg</u> Display No. <u>16</u></p>
<p>8. BEST PLANT OR FLOWER GROWN UNDER LIGHTS, IN A WINDOW, OR OUTDOORS Exhibitor: <u>none</u> Display No. _____</p>
<p>9. C.E. WILSON JR., AWARD – best first bloom seedling exhibited by the hybridizer Exhibitor: <u>Fred Jernigan</u> Display No. <u>3</u></p>
<p>10. BEST FIRST BLOOM SEEDLING OUT OF ALL CLASSES Exhibitor: <u>Francisco Baptista</u> Display No. <u>3</u></p>

III. ORCHID ARRANGEMENTS AND PERSONAL ADORNMENT

<p>WALLY LYNCH TROPHY – excellence in orchid arrangement, corsages, bridal bouquets, hairpieces, and other personal adornment, etc Exhibitor: <u>none</u> Display No. _____</p>
--

IV. ARTISTIC EXHIBITS

<p>BEA EMERY MEMORIAL AWARD – best Artistic expression in show (May be Artwork or Orchid Display, Orchid Basket, etc.) Exhibitor: <u>Jane Tsushina</u> Display No. <u>14</u></p>

V. OTHER

<p>EDUCATIONAL DISPLAY Exhibitor: _____ <u>none</u> Display No. _____</p>
--

The Orchid Society of California

Membership Renewal Form

To renew your membership in the Orchid Society of California, fill in the information below (please print) and make your check for **\$20.00** payable to **OSC**. Mail this form and your membership fee to:

OSC Membership
c/o Lois Miller
3807 Oxford Common
Fremont, CA 94536

Name(s): _____ Date: _____

Address: _____

City _____ State: _____ Zip: _____

Phone: () _____ E-Mail: _____

Orchid Related Business:

Name(s): _____ E-Mail: _____

Address: _____

City _____ State: _____ Zip: _____

Phone: () _____ 2nd Phone or Fax (please specify): () _____

I have been a member of The Orchid Society of California since (year): _____

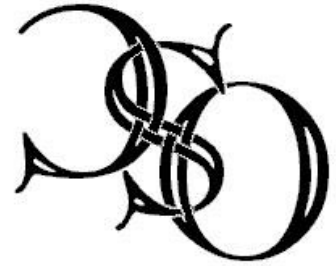
I have been growing orchids since (year): _____

Profession/special skills: _____

My orchid interests /types of orchids I grow include:

Next Meeting: Monday, November 21, 2005
Lakeside Garden Center, Lake Merritt
666 Bellevue Ave. Oakland, California

The first orchid society west
of the Mississippi, est. 1937



Orchid Society of California
360 Grand Avenue #129
Oakland, CA 94610

FIRST CLASS MAIL

In this issue:

⇒ **Dendrobium, Gerardus B. Staal**

⇒ **2006 OSC Board of Directors Nominations**

⇒ **Draft of Bylaws Update**

⇒ **Membership Renewal**

www.orchidsocietyofcalifornia.com
