Fred Clarke has been growing orchids for 30 years and has been hybridizing for 20 of those years. With over 23 years as a professional grower and manager in the horticultural industry, Fred applies these skills at his orchid nursery; Sunset Valley Orchids, located in San Diego, California.

He is a passionate orchid grower whose curiosity in orchids is broad and varied. Although developing Cattleya hybrids has been his sustaining interest, he is also actively creating new Bulbophyllum and Paphiopedilum hybrids.

His pioneering work in Catasetum intergeneric hybrids led to the development of several notable hybrids, most recently the grex, Fredclarkeara After Dark, which produced “the blackest flower ever witnessed”. This grex has received five FCC’s and three AM’s on the first flowers shown for judging!

Fred is an Accredited Judge in the Pacific South Judging Region. His plants have received hundreds of quality awards from the American Orchid Society.
Our program in April

Charles Sims - Stanhopeas

We were fortunate to have Charles Sims from Sacramento talk to DVOS about Stanhopeas. The wide variety of colors within each species has resulted in 281 names given to the 65 legitimate species of Stanhopeas.

Stanhopeas are called the Lynx flower, as in "cat" not "missing"- I know it's Lynx not link. They are called this because the flowers are striped. The blooms last one to five
days, which could be a problem for those of you who visit your greenhouses only once a week. It may be the reason why you never see a bloom. The flowers can be as large as seven to nine inches in diameter.

The Stanhopeas' natural habitat ranges from Mexico to Latin America. They grow in the neo-tropic regions, not necessarily the tropics. Most species grow in a very specific growing environment, but can adapt when required. These are plants that are easy to grow and rather hard to kill. They grow anywhere from cool to warm conditions and tend to grow in shadier conditions. When in their growing stage, Stanhopeas are heavy feeders and require lots of water and humidity. They also need good air circulation to thrive.

Stanhopeas are prone to fungal infections due to their need for lots of water during their growing season. Good air circulation will help prevent fungal infections. This plant is also subject to snail and slug problems, especially on the new growths and flower spikes.

To pot or not to pot? Wood, plastic, or metal baskets? Remember that these plants have pendant flower spikes that form downward. When you pot a plant, make sure that you have a big hole in the bottom of the pot or the spike will not form. The plants can be mounted successfully, but will require more water to prosper. All baskets are good, but remember that wood will eventually rot so plastic and metal are long lasting alternatives. Line the basket with moss or coconut fiber. Some coconut fiber sold to line baskets might also have plastic mesh holding it together. This can impede the flower spikes as they form.

Depending on where your Stanhopea comes from, it may require no winter dry period, some dry period, or a very pronounced dry rest period. In nature the Stanhopeas are pollinated by Orchid bees. They are attracted to the flower because the flowers are heavily scented. These flowers are rarely self-pollinated in nature, but are self-pollinated in captivity. As mentioned before, the flowers only last one to five days and the pollen is only viable for a few hours.

Thank you Charles for enlightening us on the topic of Stanhopeas.

Thank you Rodney Kline for the great notes.

See what is available in our library:
www.diabloviewos.org/Library/library.htm
To check-out an item, contact
Phyllis Arthur
Happy Hour for your Orchids

Fertilization is a must to obtain good growth. 100-200 ppm every fifteen days of N-P205 K20 in your irrigation water will be sufficient OR you can supply this with every watering for greatly increased growth. (one teaspoon of 20-20-20 per gallon of water once every two weeks.) Reduce your frequency as the temperature drops in the Fall and Winter. I recommend Superthrive with every fertilization between March and September, and one in the fall. One to four drops in a gallon of water in the Spring and Summer, and one in the fall.

Add the equivalent of one cc/gal (1 teaspoon in 5 gallons) of 180+ proof alcohol (Everclear) to every gallon of fertilizer water you apply, will double growth, pop all dormant eyes, extend the life of organic media and quadruple your root system, plus kill many bothersome insect pests. Alcohol is an adjuvant, give your plants a Happy Hour.

Courtesy Weyman Bussey

Den. kingianum
Diablo View Orchid Society

May 2010

DVOS
Commercial Members

Danville
Commercial Plant Services
David and Alice Tomassini
3 Woodside Ct.
(925) 736-7630
atomassini@aol.com

Half Moon Bay
D & D Flowers
Dennis Olivas
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(925) 696-1246
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Pacifica
White Oak Orchids, Inc.
Sales and Boarding
1204 Linda Mar Blvd.
(650) 355-8767
www.whiteoakorchids.com

Pleasant Hill
Diablo Orchids
Huei-Mei Chen & Gregory Mayfield
(925) 946-9740
www.diabloorchids.com

Awarded Plants in March

1st *Masd. coccinea v. alba*
   Ken Cook

2nd *Cym. Mini Sarah ‘Bridal Veil’*
   Akiko Ogawa

3rd *Den. kingianum*
   George McCrae

Lancer Smith:
(species or miniature orchids)

*Max. picta*
   Bernice Lindner

*Cym. Mini Sarah ‘Bridal Veil’*
New orchid species is discovered in the UC Botanical Garden collection

BERKELEY — A Haitian orchid is enjoying celebrity status at the UC Botanical Garden, after scientists discovered that the long-time Garden resident is a distinct new species.

A low-growing plant with showy red-orange flowers, the plant has been in the Garden collection since the 1990s, bearing the name *Maxillaria croceorubens*. But recent DNA analysis of flower and leaf material from the orchid, provided by the Garden, confirmed that the plant, in fact, is genetically distinct from *M. croceorubens*; study of its physical form and structure confirm its uniqueness.

To read more:


Membership News

courtesy of Ulrike Ahlborn, Membership Chair

membership@dvos.org

We have 79 members.
DVOS greenhouse tour
April 24, 2010
White Oak
Hanging Gardens
Hawk Hill
Shell Dance
The next Board Meeting
Will be at the home of Dave and Alice Tomassini on May 20th at 7:30 pm

Upcoming Speakers and Events

May 1,2: Carmel Valley Garden Show  http://www.cvgardenshow.com
May 7,8,9: Orchid Society of Calif. Sale & Show FREE
           Lake Merritt Oakland  http://www.orchidsocietyofcalifornia.com/aboutshow
May 13: Fred Clarke - Venezuelan Cattleyas
July 17-18: D&D Flowers Fall Open House and Sale 9 AM - 3 P M, Half Moon Bay. (see P. 10)
Aug 7: CSNJC Speakers Day (see P. 9)

Homemade Refreshments for the May Meeting

Speaker's Dinner will be at Pasta Pomodoro located in Pleasant Hill at 45 Crescent Dr. Everyone is welcome to attend and meet our speaker. If you plan to attend, please notify Liz Charlton at (925) 280-1671 or email dvosnews@gmail.com

Desserts: Madge Fordyce, Doris Pickford, Noble Emery, Barbara Ungersma, Liz Charlton

Beverages/Ice: George McRae, Charlene

We need a volunteer to take Linda’s place, and help Melissa, with refreshments during the summer. Duties include bringing supplies, handing out tickets, putting food on the table, and clean-up. If you are able to help, contact Linda Castleton.

Plant table will be provided by Fred Clarke, Sunset Valley Orchids.
Diablo View Orchid Society

May 2010

Speaker’s Day!

Saturday August 7, 2010

9AM to 5PM

Oddfellow’s Building

1831 Howe Ave at Alta Arden Sacramento, Ca. 95838

Featuring

Glen Decker - Piping Rock Orchids -
Phrag mipedium kovachi and its hybrids

Ron McHatton - Director of Education for the American Orchid Society
Orchid Biology for the General Grower - part 2

Marguerite Webb - J&L Orchids -
Good Things Come in Small Packages, miniature orchids, especially for warmer climes

Break out sessions with culture talks - subjects will be announced later - watch this space!

Silent Auction divisions of awarded plants - even FCC’s!

Vendors are Piping Rock Orchids - legal Phrag kovachiis & hybrids!
J&L Orchids - species and orchids for home, lights & greenhouses
Gold Country Orchids minicatts that bloom 2-3 times a year
D&D Flowers - Dennis Olivas - Dennis will have whatever the others don’t.

General admission - $15.00
Sponsoring Societies (to CSNJJC) or AOS members - $5.00 in advance, $10 at the door.
Located in Half Moon Bay 1/3 mile of Main Street off Hwy 92. Just east of Spanish Town on Hwy 92 there is a house and firewood business. Turn onto the street between the house and firewood business and go over the bridge into the greenhouse complex. D&D Flowers is the first greenhouse on the right. If you go beyond the large dinosaur statues in front of the house and Spanish Town and you are at Main Street, you’ve gone too far.

July 17-18 9:00 a.m-3:00 p.m.
Cash and Checks are accepted (no credit cards)

Dennis and David promise lots of good deals, some as low a $7 on cattleya, oncidium and cymbidium seedlings and back bulbs.
4/6/10 - Pacific Central - San Francisco
Aerangis modesta 'Roshan', HCC 79 species, Exhibited by Anna S. Chai
Ascda. Gail Noyes 'Full Moon', HCC 75 (Ascda. Fuchs Harvest Gold x V. denisoniana), Exhibited by Japheth Ko
Centroglossa macroceres 'Kung Ran', CCM 82 species, Exhibited by Anna S. Chai
Cymbidium unregistered hybrid 'Green Butterfly', HCC 78 (prov) (Cym. sinense var. alba x (Cym. Chestnut Villiage x Cym. Valley Zenith)), Exhibited by Paula Shiu
Odontioda Golden Point 'Spotty', HCC 75 (Oda. Robert Dugger x Oda. Fort Point), Exhibited by Japheth Ko
Wilsonara Sheila Anne '#1', HCC 79 (Odcdm. Tiger Crow x Oda. Wearside Pattern), Exhibited by Golden Gate Orchids

4/7/10 - Sacramento - Sierra Nevada
Cattleya Lake Tahoe 'Monument Peak', HCC 78 (Lc. Floralia's Azul x L. sincorana), Exhibited by Gold Country Orchids
Paphiopedilum lielianum 'Grenache', AM 85 species, Exhibited by Dave Sorokowski
Paphiopedilum lielianum 'Candor Jelly Belly', HCC 79 species, Exhibited by Bob & Lynn Wellenstein
Sarcochilus Charm 'Jocelyn', AM 82 (Sarc. Bernice Klein x Sarc. Fitzhart), Exhibited by James Morris

4/10/10 - Tropical Plant Society of Modesto Show - CSJN
Dendrobium hemimelanoglossum 'Janet', HCC 78 species, exhibited by Dennis Wade
Paphiopedilum un-named hybrid 'Annie', AM 80 (prov)
Paph. (Maudiae x Shadowmaster) x Paph. Hsining Maru, Exhibited by Dennis Wade
4/17/10 - Sacramento Orchid Society Show - CSJN
Cattleya schilleriana 'Hannah Jane', HCC 78 species, Exhibited by Jerry Latham
Dendrobium Roy Tokunaga 'Little Ben', CCM 86 (Den. atroviolaceum x Den. johnsoniae), Exhibited by Gold Country Orchids
Epidendrum un-named hybrid 'Red Orb', AM 88 (prov) (Epi. Pacific Glory x Epi. Hokulea), Exhibited by Cal-Orchid
Epidendrum unnamed hybrid 'Heat Stroke', AM 84 (prov) (Epi. Sun Valley x Epi. Pacific Girl), Exhibited by Cal-Orchid
Epidendrum Pacific Volcano 'Orange Orb', AM 81 (Epi. Pacific Girl x Epi. Pacific Lava), Exhibited by Cal-Orchid
Epidendrum unnamed hybrid 'Fireball', HCC 79 (prov) (Epi. Sun Valley x Epi. Pacific Girl), Exhibited by Cal-Orchid
Leptotes bicolor 'El Dorado', AM 81 species, Exhibited by Gold Country Orchids
Lycaste schilleriana 'Apaulo', HCC 79 species, Exhibited by White Oaks Orchids
Paphiopedilum philippinense 'Jim Dandy', HCC 76 species, Exhibited by Phyllis Dobbs
Rhinerrhiza divitiflora 'Jocelyn', CBR (prov) species, Exhibited by James Morris
Sarcochilus hartmannii 'Yeti', AM 80 species, Exhibited by Ramon de los Santos

4/19/10 - Pac Central - Oakland
Cymbidium Kirby Lesh 'Cinnabar', AM 85 (Cym. Pink Champagne x Cym. Red Beauty), Exhibited by Greg Corrales
Phalaenopsis Tzeng-Wen Sentra 'Jia-Ho', AM 81 (Phal. Golden Peoker x Phal. New Sentra), Exhibited by Greg Corrales

See Pollen Origami
http://www.sciencefriday.com/videos/watch/10296
See a flash video of pollen folding up to prevent water from leaking, after it leaves the flower.
Diablo View Orchid Society Membership

Membership $20 (__), Business $25 (__), Life $300 (__) Add $10 (__) if you wish to receive the monthly newsletter by mail.
(All memberships are valid January 1 to December 31 of the current year. If you do not renew your membership dues by March 1 the following year, your privileges will cease.
Monthly newsletter will be by e-mail unless you do not have an e-mail address.

PLEASE PRINT LEGIBLY

New (__) Renewal (__) Date: ________________________

For General Membership: Principal Member: _________________________________________________________________

Spouse or Significant Other: __________________________________________________________

For Business Membership: Name of Business _________________________________________________________________

Name of Business Contact/Owner: ________________________________________________________________

Mailing Address (Must fill in) Address: ______________________________________________________________

City: __________________________________________________________ State: ________ ZIP: ________

Home Phone: (__) ________-________ Work or Cell Phone (Opt.): (__) ________-________

E-Mail address: ______________________________________________________ WebSite: _____________________________

Are you a member of the American Orchid Society (AOS): Y/N (____); Orchid Digest Corporation (ODC): Y/N (____)

Cultivation (Check all that applicable): Indoor (__), Outdoor (__), Greenhouse (__), Hobbyist (__), Commercial (__) What is your favorite genus to grow?
Phalaenopsis ( ), Cattleya ( ), Cymbidium ( ), Dendrobium ( ), Vanda ( ), Masdevallia ( ), Paphiopedilum ( ), Phragmipedium ( ), Pleurothallids ( ), Zygopetalum ( ), List others: ______________________________________________________________

DVOS perpetuates with the fun and diligent work performed by our membership. We would like to know if you would be interested in participating in the various functions in order to keep this fun, educational, and friendly environment.

I would like to participate in present or future: (Check all that is applicable)
Elected Officer/Board of Director ( ) Committees: Equipment ( ) Library ( ) BBQ/Auction ( ) Advertising ( ) Refreshments ( ) Newsletter ( ) Xmas Party ( ) San Francisco Show ( ) Raffle/Sales ( ) Book Meeting Room ( ) Greenhouse Tours ( ) DVOS Show & Sale ( ) Welcome Hostess ( ) Assist when needed ( )

Endorse check payable to: Diablo View Orchid Society, Inc.
Please send application and check to: Diablo View Orchid Society c/o Ulrike Ahlborn, 202 Gaucho Ct, San Ramon, CA 94583-2113

Membership@DVOS.org

Revised: January 26, 2007