At our next meeting
July 9th

Mini-Catts: Delightful Cattleyas in Miniature by Peter Lin

Peter will discuss how to grow these wonderful plants. The journey will begin with a review of the miniature species, early hybrids, and then some of the relevant hybrids of today.

Peter started growing orchids over 25 years ago, but became heavily involved about 6 years ago. He is currently a probationary judge with the AOS and a hybridizer of mini-catts. Due to limited growing space, Peter specializes in miniature orchids, both species and hybrids. He maintains a collection of a thousand of orchids at his home greenhouses in Southern California.

Speaker’s Dinner will be at Sichuan Fortune House, 41 Woodsworth Ln (off Gregory at Contra Costa Blvd.) at 5:30. 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

Plant table will be provided by Peter Lin.
Our speaker in June was

Steve Beckendorf

Sexual Deception in Orchids

Steve Beckendorf was our June
DVOS speaker. The subject was how
plants use a variety of methods to
attract pollinators.

- Catasetum use nectar to attract a
  pollinator
- Orchis use pollen to attract a
  pollinator
- Cattleya use fragrance to attract a
  pollinator
- Ondontoglossum use color to
  attract a pollinator
- Drakaea use deception and pheromones to attract a pollinator

Steve looked at two deception mechanisms that specific orchids use on two continents to attract pollinators. There is a variety of Drakaea orchids (Hammer orchids) in Australia that uses wasps to propagate. The wasp has a life cycle where the wasp starts as larvae in the ground. When the larvae emerge, the wasp is ready for the reproductive stage of life. The male wasp uses a pheromone to find a female for mating. The female does not have wings. The male wasp picks up the female on his back and takes her to feeding locations. He wines and dines her before they mate. The orchid flower mimics the look of the female wasp. More importantly, the orchid flower produces more pheromone to attract the male wasp than the
Each distinct species of Drakaea uses a specific distinct pheromone to attract their specific wasp species. If the progeny of the Drakaea does not produce the correct pheromone, the plant will not reproduce. Only plants that specifically produce the right pheromone reproduce and are successful.

The Ophrys species of southern Europe show a similar mechanism. The wasps have a similar life cycle, but the wasps actually know when virgin female wasps are about to emerge from the ground for their reproductive cycle. When the virgin female wasps emerge from the ground, the males swarm the female. The most aggressive wasp males are the ones that get to reproduce. The Ophrys attracts the male wasps by simulating the virgin female pheromone. The Ophrys of Europe goes one step further in the cycle by simulating the pheromone that tells the male wasp that the flowers are no longer virgins once they have been pollinated, so the wasp can find greener pastures. This mechanism helps the Ophrys let other flowers attract the wasps, and spread the different plant genes. Different Ophrys species use different wasp species just like the Australian Drakaea.

Thank you Steve for a wonderful speech. Thank you Rodney Kline for writing the June review.
The DVOS Annual Picnic is scheduled for August 22, 2009.

It will be held at the home of Bob and Mary Lou Van Galder.

This event is open to all DVOS members and guests.

Everyone needs to bring an orchid or orchid item to donate to the auction fundraiser.

Food will be the usual. The Club will supply chicken and ribs, members bring side dishes according to the following schedule:

- **R-Z Dessert, A-E Side Dish, F-I Salad, J-Q Hor D’oeuvres.**
- Bring enough for 10 servings.

Set-up 10:30-12:00, Lunch 12:30-1:30

Auction 2:00-3:30, Clean-up 4:00-5:00

Every member should be available to help set-up or clean-up.

Come dressed as your favorite character.

$50 prize to the best costume.
Upcoming Speakers and Events

July 9:  
*Mini Catts* by Peter Lin

July 12:  
DVOS Greenhouse Tours (P. 6)

Aug 8:  
The California Sierra Nevada Judging Center is holding a Speaker's Day  
http://www.csnjc.org (P. 9)

Aug 22:  
Annual DVOS BBQ. We will not hold a regular meeting in August. (P. 4)

Sept 10:  
*Growing Orchids and Conserving Energy Year ‘Round*  
by Dennis Olivas

Oct 8:  
*Plant Nutrition* by David Neal of Dyna-Gro

Oct 16-18:  
DVOS annual Show & Sale

See what is available in our library:  
www.diabloviewos.org/Library/library.htm

To check-out an item, contact Phyllis Arthur

The next Board Meeting  
will be on July 16th at 7:30 p.m.  
at the home of Liz Charlton and Jamie Wasson

Refreshments for the July Meeting

**Cookies:** Kathi Ames, Renate Johnson, Bayan Culhane, Phyllis Arthur, Alice & Dave Tomassini  
Please bring baked goods CUT into serving size pieces.

**Beverages:** Raul de Leon
Membership News

We are pleased to welcome new members

Judith Johnson
Cheryl Philipson
Marilyn Gardner

Diablo View Orchid Society Attn.
Ulrike Ahlborn, membership Chair 202
Gaucho Ct * San Ramon * CA
94583 www.membership@DVOS.org

Greenhouse Tours

Join us on July 12 when we visit the following greenhouses:

Brad Piini 10:00
Sue Fordyce 12:00
Parkey Parkison 2:00

Phal. hybrid
Diablo View Orchid Society

Newsletter:
Liz Charlton
Jamie Wasson
dvosnews@gmail.com

Webmaster:
Nick Doe
Ulrike Ahlborn
webmaster@dvos.org

Awarded Plants in May

1st  *Drac. chestertonii*  
‘The Hermit’  
Ken Cook

2nd  *L. purpurata*  
‘Chan’s Line’  
Jim Chan

3rd  *Cirr. Daisy Chain*  
Parky Parkison

Lancer Smith:  
(species or miniature)  
*Mps. phalaenopsis*  
Cindy Hill

First Bloom: (novice grower)  
*Phal. hybrid*  
MaKayla Shields

*Drac. chestertonii*  ‘The Hermit’

A Reminder: Plants need to be on the show table by 7:15 pm so they can be grouped by genus.
Diablo View Orchid Society

July 2009

Presents a

Speaker’s Day

Saturday August 8, 2009
Oddfellow’s Building
1831 Howe Ave at Alta Arden
Sacramento, Ca 95838

Featuring

Roy Tokunaga H&R Nurseries Understanding Dendrobiums, their variety & culture
Ron Mc Hatton Director of Education for the American Orchid Society Simplified Orchid Genetics for the General Grower
Carlos Fighetti President of the American Orchid Society Taiwan, Fantastic Modern Phalaenopsis
American Orchid Society Judging See how we do it!

Break out sessions with culture talks on Phalaenopsis, Dendrobiums, miniature orchids, Paphiopediums and Cattleyas
Silent Auction divisions of awarded plants even FCC’s
Plants for sale with 10% of all plant sales donated to the American Orchid Society
Vendors are D&D Orchids, H&R Nurseries, Gold Country Orchids & H.P. Norton There’s 150 tickets available for the event (the Oddfellow’s Hall only holds that many people), of which 25 have been sold already. You may want to tell your club members that

General admission - $15.00 Sponsoring Societies (to CSNJ C) or AOS members - $5.00
Advance tickets can be had by contacting Sue Wedegaertner suewede@clearwire.net

CSNJ C is a 501 3 organization
6/02/09 - Pacific Central Judging Center - San Francisco Center
http://www.aospacificcentral.org

Dendrobium victoria-reginae 'True Blue', CCE 91 species, Exhibited by Golden Gate Orchids
Kefersteinia taurina 'Vistamont', CCM 82 species, Exhibited by Steve Beckendorf

6/03/09 - California Sierra Nevada Judging Center - Sacramento
http://www.csnjc.org

Cattleya purpurata var. roxo-violeta 'Royalty', AM 82 species, Exhibited by Japheth Ko
Dendrobium mohlianum 'Beacon', HCC 78 species, Exhibited by Japheth Ko
Lc. Pink Gem 'Jocelyn', HCC 78
(Lc. Ann Akagi x C. Angelwalker), Exhibited by James Morris Rdcdm. Sun Hollow 'Alex', AM 81
(Tol. Maple Hollow x Rdcdm. Sycamore Hollow), Exhibited by Susan Wedegaertner

6/15/09 - Pacific Central - Oakland

Cattleya Peckhaviensis 'Winston', AM 81 (C. aclangiae x C. schilleriana), Exhibited by Amy and Ken Jacobsen
Lycaste macrophylla ssp. plana 'Angel', HCC 77 species Exhibited by Japheth Ko
Masdevallia Bob Hoffman 'Winston', AM 83 (Masd. welischii x Masd. Angel Frost), Exhibited by Amy and Ken Jacobsen
Vanda denisoniana 'Gold Standard', AM 81 species, Exhibited by Japheth Ko

Pictures can be seen at Pacific Central  http://www.aospacificcentral.org
California Sierra Nevada  http://www.csnjc.org

when I want to work,
three cats walk over keyboard;
when I'm lonesome – none.       - haiku offered by Kathy Barrett