

Diablo View Orchid Society

<http://www.dvos.org>

a 501 (c) (3) corp.

July 2009



*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.



NEXT MEETING

Thur. July 9th

5:30 Speaker's Dinner

7:30 Meeting Begins

8:00 Presentation

Contra Costa Water
District Board Room
1331 Concord Ave.
Concord

www.diabloviewos.org

President:

Eileen Jackson

Immediate Past

President:

Brian Wraxall

Vice-President:

Liz Charlton

Secretary:

Rodney Kline

Treasurer:

Brian Wraxall

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DVOS Board Members:

Ken Cook

Parky Parkison

Brad Piini

Dave Tomassini

Alice Tomassini

Jamie Wasson

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 mates 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

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Membership:

Ulrike Ahlborn

membership@dvos.org

Greenhouse Tours:

Parky Parkison

Refreshments:

Linda Castleton

Bernice Lindner

Madge Fordyce

Jennifer English

Melissa Sadler

Greeters:

Sharon Duffy

Jill Chambers

Bernice Lindner

Raffles and Sales:

Rita Tischler

Equipment and Lights:

Dave Tomassini

Librarian:

Phyllis Arthur

AOS Representative:

Dennis Olivas

Orchid Digest

Representative:

Brian Wraxall

SFOS Show Chairman:

Brad Piini

DVOS Show Chairman:

Dennis Olivas



Cont. from P 2:

female wasp. The male wasp attempts to mount the flower due to the looks of the flower as well as the pheromone attractant. The flower then attaches the pollen body to the wasp with a hinged mechanical reaction. The wasp moves on and, if attracted to another flower, leaves the pollen body on the next flower he attempts to mount. Hence, pollination is accomplished for the *Drakaea* orchid.

L. purpurata 'Chan's Line'

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.

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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
62 Oceanside Dr.
(925) 696 -1246
dolivas@comcast.com
(By appointment only)

Livermore

Fordyce Orchids

Frank and Sue Fordyce
(925) 600 - 8406

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

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.

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Upcoming Speakers and Events

DVOS Commercial Members

Livermore
Fordyce Orchids
Frank and Sue Fordyce
(925) 600 - 8406

Pleasant Hill
Orchid Gulch
Liz Charlton &
Jamie Wasson
104 Brandon Rd.
(925) 818-3600
by appointment

- 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



Mps. phalaenopsis

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

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Greenhouse Tours

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

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



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Awarded Plants in May

Newsletter:

Liz Charlton
Jamie Wasson

dvosnews@gmail.com

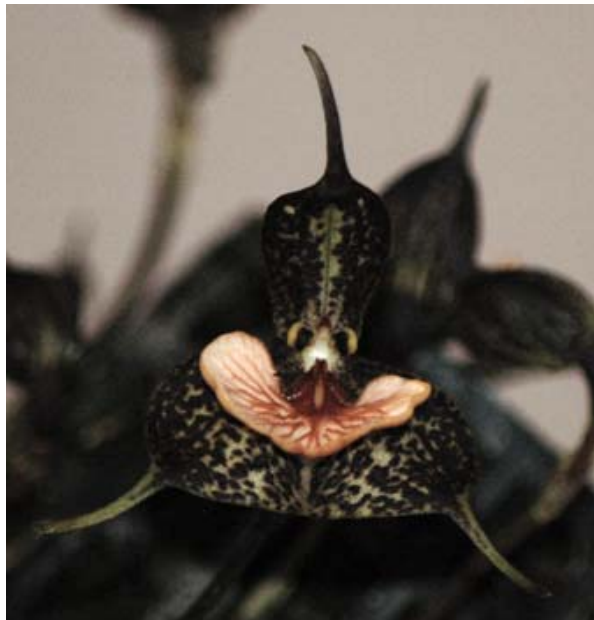
Webmaster:

Nick Doe
Ulrike Ahlborn

webmaster@dvos.org

1st *Drac. chestertonii*
'The Hermit'
Ken Cook

2nd *L. purpurata*
'Chan's Line'
Jim Chan



Drac. chestertonii 'The Hermit'

3rd *Cirr.* Daisy Chain
Parky Parkison

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

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

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

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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 CSNJC) or AOS members - **\$5.00**

Advance tickets can be had by contacting Sue Wedegaertner suewede@clearwire.net .

CSNJC is a 501 3 organization

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AOS Awards April 2009

Courtesy of Kathy Barrett

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. aclandiae 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>



Cirr. Daisy Chain

*when I want to work,
three cats walk over keyboard;
when I'm lonesome – none.*

- haiku offered by Kathy Barrett