

ORCHID *newsletter*



News and information for Maryland Orchid Society members

November 2014

president's message

'Tis the season for...raking leaves, house cleaning, stocking up on groceries, shopping, cooking, family, decorating, excitement, anxiety, fatigue and depression. Oh, what to do, what to do? Take time to spend some quality time with your orchids. For me, preening and pampering my plants is one way to relieve the stress that comes from all the holiday "hustle and bustle." The rewards are great—spikes, blooms, fresh O₂ to breathe and quiet (they don't talk back). Then I remember all of the people, things, and blessings I have to be

thankful for. Here's wishing you and yours a wonderful Thanksgiving.

Speaking of being thankful, the Auction Committee, Aaron Webb, Joan Roderick and Sarah Spence extend a big thank you to all who volunteered their time, energy and plants to the MOS Annual Auction.

Thanks to Norma Lynch and Joan Roderick for representing MOS on November 6 at the Ellicott City Library with an informative presentation about orchids.

Reminder...the program for the December meeting is our "bring a dish" Holiday party. Please let Barbara Buck know what you will be bringing.

Sarah L. Spence

**Don't Forget:
New Meeting Location!**
MOS meetings have moved to:
Woodbrook Church
25 Stevenson Lane
Baltimore, MD 21212

November's Speaker is Leon Glicenstein

Leon Glicenstein, PhD, began growing orchids in 1954, and became assistant to the curator of orchids at the Brooklyn Botanic Gardens, then Carl Withner, from 1957 to 1960. He has advanced degrees in Chemistry and Horticulture, with an emphasis on plant breeding, cytology, and cytogenetics. Working as a plant breeder for five years at Linda Vista S.A. in Costa Rica, he photographed, in the wild, approximately 80% of the then known orchid species of Costa Rica. He also found new species such as *Telipogon glicensteinii*, *Macroclinium glicensteinii*, *Pterichis leo*, *Stenorrhynchos glicensteinii*, and *Lepanthes glicensteinii*. He won the second American Orchid Society Dillon/Peterson Essay Contest using one of his Costa Rican experiences. He has photographed



Leon Glicenstein getting some nice images of *platanthera macrophylla* which is just to the left of the maple sapling in the image.

many of the orchids in the Northeastern United States, Florida, and all of the orchids in California, where he located some taxa not formerly known to exist there. As a respected lecturer, has given numerous conservation oriented programs both nationally and internationally, showing orchids growing in their native

habitats. Leon has been an invited guest speaker at both the Vancouver and Miami World Orchid Conferences. He has published numerous articles in the American Orchid Society magazine [including a 10 part series on Jewel and Painted-leaf Orchids with a supplement] and some in the *Orchid Digest*.

Leon joined Hoosier Orchid Company in September 1998. As a breeder, as well as a grower, of orchids at Hoosier Orchid Company Leon specialized in working with members of the Pteruothalidae, Zygopetalinae, Gongorinae, Angraecoid, Jewel and Painted-leaf orchids, as well as other groups. He has created numerous novel and new combination not before known, thereby extended our knowledge

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3 **Annual Auction is November 15!**

Photos by Sarah Hurdel

Novice

No Entries

Home Grown

1. C. Portia 'Cannizaro' FCC/AOS - Marilyn Lauffer
2. Tie Neost. Lou Sneary 'Blue Bird' - Kathi Jackson
Zygo. Hybrid - The Soykes
3. Masd. *triangularis* 'Loch Raven' - Sarah Hurdel & Gary Smith

Greenhouse

1. L. *pumila* 'Perky' - Clark Riley
2. Tie Sngl. longifolia - David Smith
Blc. Enid Moore X Bc. Portage Glacier - Craig Taborsky
Css. *rubra* - Eric Wiles

Cattleya

1. Lc. C. G. Roebling 'Beechview' - Eric Wiles
2. Tie Blc. Merrily Murison 'Larry' - Bob Johnston
Blc. George King 'Serendipity' - The Soykes
3. Tie C. Orlades Early Harvest 'Cadronna' - Sarah Hurdel & Gary Smith
Slc. Ginny Champion 'Prince' - David Smith

Phalaenopsis

1. Phal. Jiaho's Pink Girl - The Soykes
2. Tie Phal. Orange Love - The Dagostins
Phal. Jiaho's Pink Girl - Sarah Hurdel & Gary Smith
3. Phal. *bellina* - Steve Schneider



Paphiopedilum and Phragmipedium

1. Paph. Iantha Stage 'TomCat' AM/AOS - Mark Robbins
2. Tie Paph. Mr. Wonderful (above) - Sarah Hurdel & Gary Smith
Phrag. *besseae* - Clark Riley
3. Tie Paph. Hengduan Sweetheart (top of col 2) - Joel Graham
Paph. (*primulinum* X Acapuoco Gold) - Aaron Webb



Oncidium

1. Onc. Heaven Scent 'Redolence' (above) - Sarah Spence
2. Mtssa. Olmec 'Kanno' - Bob Johnston
3. Burr. Living Fire (below) - Bob Travers



Dendrobium

1. Den. *convolutum* - Sarah Hurdel & Gary Smith

Miscellaneous Hybrids

1. Bulb. (Elizabeth Ann 'Buckleberry' X *fascinator*) (top col 3) - The Soykes
2. Tie Hab. Flamingo 'Rubenesque' AM/AOS - Sarah Hurdel & Gary Smith
Bulb. Elizabeth Ann 'Buckleberry' - Steve Schneider
3. Masd. Joyce Stewart - Clark Riley



Species

1. Ang. *distichum* 'Aubert Wines' - David Smith
2. Tie Hab. *medusae* - Val Lowe
Aergs. *leuteo-alba* var. *rhodosticta* - Clark Riley
3. Tie C. *sanguiloba* - Sarah Hurdel & Gary Smith
Coel. *fimbriata* - Kathi Jackson
Hab. *ericmicheli* - Chris Zajac

Miniature

1. Den. *jaevifolium* - Sarah Hurdel & Gary Smith
2. Neost. Baby Angel - Joel Graham
3. Slc. Red Chili X Sl. Minipet - Michael Moran

First Bloom Seedling

1. L. *pumila* 'Chris Zink' - Clark Riley
2. Phal. Taisuco Princess - Steve Schneider
3. Slc. Circle of Life X Pot. Ryo Iwata - Michael Moran

Fragrance

1. C. *labiata* var. *suave* - Craig Taborsky
2. Tie Rl. *digbyana* - Sarah Hurdel & Gary Smith
Blc. Haw Yaun Beauty 'Spice Girl' - Joan Roderick
3. C. Bob Betts 'White Lightning' - Norma Lynch

The Judges Choice of the Evening was C. Portia 'Cannizaro' FCC/AOS, exhibited by Marilyn Lauffer. See page 4 for how Marilyn grows this beautiful plant! Thank you to our judges Ernie Drohan, Bob Johnston and Pam Shaw. Our show table had an incredible display of 112 beautiful flowering plants.

Happy Holidays! Come join us for

The Little Greenhouse Open House

for Maryland Orchid Society members

Saturday, December 20, 2014

9:00 AM until 5:00 PM

**20% Off All Regularly Priced Plants!
30% Off All Stem Prop Phalaenopsis!
Special BOGO Sales!**

Members may enter to win a
\$50.00 Gift Certificate.

9845 Harford Road • Baltimore, MD 21234

410.661.4748



*October's judges
choice*

By Marilyn Lauffer

I made my purchase of C. Portia Cannizaro at the 2008 MOS Auction. It was sitting on the Instant Auction table lying on its side, falling out of the pot. As I was checking it over, I spotted a bud.....boing! At that time, I had very little luck getting cattleyas to bloom under my fluorescent lights. I figured if I purchased a plant with a bud already on it, I was on my way to success!

The plant has been blooming consistently every year in my southern exposure sunroom window. I water it weekly and fertilize it regularly.

ORCHID AUCTION

MARYLAND ORCHID SOCIETY

SAME GREAT LOCATION

Saturday, November 15, 2014

American Legion Dewey Lowman Post 109
1610 Old Sulphur Spring Road, Halethorpe, MD 21227

Preview 11:00 AM / Auction 12:00 to 4:00 PM

♥ Hundreds of orchids in bud or bloom from respected local and nationally recognized growers.
Plus pre-priced "instant auction" plants.

♥ Lunch and a full line of refreshments available on site.

♥ Free admission and registration.



Contact Aaron Webb, 410-419-1312 or Sarah Spence, 410-243-3377 for information or visit www.MarylandOrchids.org

The AOS Fall Members' Meeting was a great success, kudos to Julio and Eileen Hector for their dedication to details in ensuring that all bases were covered, and to Ed Gilliland and the Central Florida Orchid Society for stepping in to host at the drop of a hat! Thank you to all who attended, it was great to meet lots of new Orchid friends and get a little time to catch-up with some old friends too!

The Stanhopea supplement to *Orchids* arrived with the November issue, along with the 2015 Orchid Source. If you are not already a member of AOS, join today so that you do not miss out on this great annual addition to our magazine. I can't wait to read it!

The November edition of *Orchids Magazine* is jam-packed with interesting and informative articles.

- For the beginning growers Sue Bottom's article explains why plants need a temperature drop, so if you've ever wondered why that Orchid on your dining table hasn't re-bloomed for you, this article will outline what it takes to get it back on track.
- In conjunction with last month's webinar on *Catasetums*, Fred Clarke has followed up with a great article on "Magnificent Mini-Catasetums" this article explores *Catasetum denticulatum* and its hybrids.
- I was fascinated with Sergey Skoropad's article on "Growing Fine Orchids without a Greenhouse" Sergey has had great success growing, blooming and showing his plants. He shares his secrets to growing his highly awarded plants indoors and out, as a hobbyist grower.
- For those of you that like things a little off the beaten path, see Leon Glicenstein's continuing collection of articles on "Jewel and Painted-Leaf Orchids XXII". These jewel orchids are grown specifically for their foliage and are the only orchids that can be judged without flowers.

This month's webinar is on November 30th at 8:30p.m. EST with Nile Dusdieker, M.D. presenting "Spiders, Gnats and

Greenhoods". Nile is an accredited judge with the Chicago Judging center and lives in Iowa. This webinar is open to everyone, so you do not have to be a member to attend. Please sign up on our website www.aos.org (Webinars tab: <http://www.aos.org/Default.aspx?id=509>) Also check out the recorded versions of past webinars. It's great being able to listen to the talks in the comfort of your own home!

The Pacific Orchid Expo in San Francisco, California is the premier Orchid show on the west coast. There are many fabulous vendors attending from all over the world. The San Francisco Orchid Club is offering a discount to all AOS members. Check out their website for complete details <https://www.eventbrite.com/e/2015-pacific-orchid-exposition-the-thrill-of-discovery-tickets-12481363093?discount=AOS15>

The AOS is now accepting requests for project funding for research and/or conservation projects. Applications for consideration in the spring must be received before January 1, check out the aos.org website for complete details.

While addressing the Affiliated Society Reps at the Members' Meeting, I was asked about my homeopathic approach to controlling pests and diseases. I have three young grandchildren and have made the decision not to spray chemicals on my plants, due to their propensity to put everything in their mouths!

Here are the 5 key things that I use, that work for me.

For scale and mealy-bug- I use a mix of 409/alcohol/water in equal parts. I spray them daily until they are gone (be careful using this mix around *Paphiopedilums*, as it will cause the buds to blast and the flowers to collapse)

For crawling insects (like roaches and palmetto bugs here in Florida)- I use a squirt of Dr. Bonner's Organic Peppermint soap in a squirt bottle full of water (I also use this inside my house for any offenders that happen to sneak in)

For any wet or soft spots on leaves- I use brown Listerine (you can use any of the

store brands, just make sure that it is brown/amber colored)

For black rot or crown rot- I use hydrogen peroxide (let it fizz and then pour it off) Lastly, for all cuts or exposed tissue- I use ground cinnamon to keep them from getting infected.

Let's grow together,

Laura Newton
Membership and Affiliated Society Chair

clark's corner



Yellow Sophronitis coccinea have long been a favorite of mine. When designing the cool section of the greenhouse, I optimized specifically for *Sophronitis coccinea*. Here are some of the yellow ones blooming now. I have about 20 clones. All started from seedlings or single growth plants. Potted in 4" terra-cotta pots with 1:1:1:1:1 medium fir bark: coarse perlite: horticultural charcoal: granite gravel: aliflor: sphagnum. Nearly full sun. Max day temperature 75°F, max night temperature 60°F, minimum year round 50°F. They hang in the direct path of the fans and are fogged for 1/2 hour each morning. They thrive in this environment and bloom reliably. I haven't lost one in many years.

Rare NSW orchid sent to the Netherlands for genetic testing

Is a plant really a plant if it has no leaves, no roots and grows underground?

Samples of a rare breed of orchid found in only a handful of locations in NSW have been sent to the Netherlands for genetic testing to determine the plant's uniqueness.

The eastern underground orchid is one of a very small number of plants found around the world that cannot photosynthesize.

"The vulnerable NSW orchid does not get its energy from the sun, lacks roots and leaves, and instead relies on fungus to act as its substitute root system and to provide it with food," said Greg Steenbeeke, the NSW Office of Environment and Heritage senior threatened species officer.

Sequencing the plant's genetic blueprint will help botanists compare it with other non-photosynthesising plants to understand how they evolved and moved across the world, Mr Steenbeeke said.

It may also reveal what type of habitat is preferred by the enigmatic orchid, which flowers from September to November, he said.

Once sequenced, the plant's genetic code would be included in a global database, called Genbank, where sequences from other eastern underground orchids may be added in the future and used to map the variation between individual plants. That plant species maintain the genetic



The Eastern Underground Orchid. Photo: Supplied

differences they already have is necessary for their survival as the globe warms.

Plant evolutionary biologist Angela Moles said there were two ways plants could adapt to climate change, they could migrate to stay within their preferred climate zone at the moment, or they can adapt to their new environment.

"From paleo records, it looks like adapting in situ is the main thing species do, [which means] maintaining genetic variation is essential to have that ability to adapt," said Professor Moles, from the University of NSW.

Genetic research helps unlock the natural genetic diversity of plants and identify the populations best able to cope with changing climate conditions.

A principal research scientist at the Royal Botanic Gardens and Domain Trust, Maurizio Rossetto, said people were starting to understand the potential of genetics in plant conservation.

Advances in technology, including next generation sequencing, had made this research faster and cheaper than previously thought possible, said Dr Rossetto.



local aos news

November 1, 2014: National Capital Judging Center

Les Kirkegaard's plant of Paphiopedilum Eagle's Nest 'Joan Cooper' received an 82 point Certificate of Cultural Merit (CCM).

Speaker: Leon Glicenstein continued from page 1

of generic relationships within the orchid family. Since the demise of Hoosier Orchid Company Leon has been consulting with other orchid companies on growing orchids from seed.

A strong conservationist, Leon was past chairperson of the American Orchid Societies Conservation Committee, and has been a member of this committee for decades. He represented the AOS at the

international conservation meeting in Costa Rica in 2007. In 2013 he was made a Fellow of the American Orchid Society. Only 8 other people have been given that honor.

Before coming to Hoosier Orchid Company he worked for an internationally known plant breeding company breeding crops such as Chrysanthemum, Carnation, Azalea and Roses

Member Update

MOS welcomes new member David Smith. He is not to be confused with our existing David Smith but please feel free to give them both a hard time about it.

There were 56 members at the October meeting.

MOS Newsletter Editor Needs Replacement

After nine years of laying out and editing the MOS Newsletter, I am hoping to hand off this important mantle to someone new. It has been a fun and interesting job and I have learned a great deal. It is now time for someone else to reap the rewards of such an esteemed position. If anyone is interested, please contact Laura Sobelman at sobelman1@verizon.net. The June 2014 issue will most likely be my last MOS newsletter.

Newsletter Submissions Deadlines

Content for the MOS Newsletter for the 2014-2015 fiscal year is due at the end of the first full week of each month. The following dates are the deadlines for submitting content to the newsletter editor. Please submit your information to sobelman1@verizon.net. Also, the newsletter has a new look! Let me know what you think of it.

November 8, 2014; Meeting date 11/20
December 6, 2014; Meeting date 12/18
January 3, 2015; Meeting date 1/15
February 7, 2015; Meeting date 2/19
March 7, 2015; Meeting date 3/19
April 4, 2015; Meeting date 4/16
May 9, 2015; Meeting date 5/21
June 6, 2015; Meeting date 6/18

upcoming events

The next monthly MOS meeting will be held November 20, 2014.

The annual MOS auction will be November 15, 2014 at the American Legion Dewey Lowman Post 109. Please consider volunteering and/or supporting the MOS by buying plants and other orchid-related items at the auction.

The next board of trustees meeting is January 22 at the home of Sarah Spence.

Don't forget that December 18 is the MOS holiday party. There will no speaker or education corner so everyone can enjoy delectable holiday cuisine and sparkling conversation with fellow members. Feel free to bring your significant others and of course bring a party dish and/or refreshments to share. It is a wild time, often extending 'til daybreak. Let Barbara Buck know what you will be bringing.

maryland orchid society

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The MOS Newsletter, published monthly by the Maryland Orchid Society September through June, shares the latest news of our orchid community. Please submit your comments to sobelman1@verizon.net

We invite articles, notices, etc. for inclusion in our newsletter. The deadline for inclusion is the end of the first full week of each month.

The MOS brings together people interested in orchids to promote and encourage orchid culture, preservation, education, propagation, hybridization, and all other orchid-related activities of interest to its members. Benefits of membership include a subscription to the Newsletter (e-mail and web), voting rights, borrowing privileges from the MOS Library, monthly guest speakers, local judging, valuable door prizes, and much, much, more!

If you are interested in orchid culture and would like to meet others with similar interests, we cordially invite you to join the ranks of Marylanders already enjoying the benefits of membership in the Maryland Orchid Society.

Visit us on the Web at www.marylandorchids.org
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