



Let's Grow Together!

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November 2019 AOS Corner – for Affiliated Societies

Thank you so much to Denise Lucero for the wonderful job she has done keeping the affiliated societies connected to what is happening in the AOS through the monthly publication of the AOS Corner. Beginning with this issue, you have a new editor for your newsletter. Welcome to the first edition of the **AOS Corner** with Eileen Hector.

My goal is to continue to bring you good news that you can take back to your orchid society. If you would like to spotlight an issue or share news with other affiliated societies, we welcome your input. Let us know what you would like to see in your newsletter! If there is something within your society that is working extremely well – let's share it here. If there is something you could use help with – let us know. By chance, another affiliate may be able to offer a solution. Your contributions are critical to bringing fresh, timely content to this publication each month. Please send your questions and submissions for the AOS Corner to askmasc@verizon.net

The AOS Corner is for society representatives and newsletter editors: Orchid societies are welcome to reproduce the AOS Corner completely or in part, in their society publications. We encourage use of the **AOS website** by all members. <http://www.aos.org/>

Insight for our **AFFILIATED SOCIETIES**

<http://www.aos.org/about-us/affiliated-societies.aspx>

NOVEMBER Focus: Find Support for Your Orchid Shows

Where to Find the **Show Application** – Request for Judging

<http://www.aos.org/AOS/media/Content-Images/PDFs/ShowApp-Effective0418.pdf>

You may also pay your Show Fees online, through the AOS website.

Need **additional resources** for hosting your orchid show? Sign on to the AOS website. Proven methods found here: <http://www.aos.org/about-us/affiliated-societies/guides-and-articles.aspx>

DID YOU KNOW? For your orchid show, there is direct-mail marketing assistance. Mailing labels with AOS members' names and addresses for promoting shows, seminars and special events via direct mail can be obtained from the AOS Membership Services Department. In your request, be sure to include states, counties, zip, or postal code mileage radius for your target market. This service is free of charge; however, a donation to the AOS is appreciated to help defray costs associated with production of the mailing lists. You can also request a show package (membership forms, flyers and some copies of ORCHIDS magazine). These promotional items can be showcased near your society welcome table. Would you like to sell AOS publications at your show or have some available for your monthly meetings? Every individual AOS member receives a 10% discount on AOS published books. However, quantity discounts are also offered on AOS published books. Minimum orders apply. Order 30-75 quantity = 40% off retail! Additional bulk quantity discounts may apply. Shipping and insurance are added to orders over \$50. In Florida, unless tax-exempt - there is a 6% sales tax added. Please contact theaos@aos.org well in advance of anticipated need; sixty days lead-time is recommended for bulk shipping.

DID YOU KNOW? Once your show application is processed, your show information is posted on the AOS website **Event Calendar** <http://www.aos.org/news-events/event-calendar.aspx> and entered into the Judging System. If you have graphics suitable for webpage advertising (jpg, gif, png format, recommended size: 870 wide by 358 high) a banner will be included on the event page above your show announcement. Providing you allow enough lead time, your event will also be published in ORCHIDS magazine for the two months prior to your show. Request your local judging center chairperson to bring or ship the AOS branded table cover and AOS banner to your AOS Representative for your show.



DID YOU KNOW? All affiliates are encouraged to post your related events on our **Affiliated Society Facebook** page. <https://www.facebook.com/groups/AffiliatedSocietiesOfTheAOS/> You never know who might be passing through your area and need an orchid fix. You can be sure that if I see an orchid show, auction or symposium anywhere on Facebook, I add it to this public Facebook page: <https://www.facebook.com/groups/1608642239350212/>

Check out the Complete Affiliated Benefits Package

<http://www.aos.org/AOS/media/Content-Images/PDFs/Benefits-of-being-an-Affiliated-Societies-Member-v5.pdf>

REMINDERS

AFFILIATED SOCIETY BONUS - EARN AOS MEMBERSHIP EXTENSIONS

Orchid shows are a good time to encourage new membership in AOS. Affiliated societies can earn a one-month extension on their AOS society membership for each new individual AOS member that they refer. With twelve new AOS members, your affiliated society can have a FULL FREE YEAR OF AOS membership! It's a good idea to have **printed membership applications** with your society's name already filled in and available at your club meetings and shows!

http://www.aos.org/AOS/media/Content-Images/PDFs/AOS_Join_Form_2016_Effective_091416.pdf

When signing up **for membership through the AOS website**, please note your Society Affiliation in the comments section at check-out. <https://secure.aos.org/join/membership.aspx>

The holidays are approaching! Give the gift you would like to receive - **membership** in the American Orchid Society <http://www.aos.org/about-us/aos-membership.aspx> You are giving so much more than a magazine subscription! DO IT NOW! Membership rates will increase in 2020.

One More Thing!

Do you have a few special members that you wish to recognize for their contributions to your society? Each affiliate is eligible to receive annually two free **Certificates of Appreciation** for presentation to valued members of your own group. This might be a great item to present at your end of the year holiday party. The beautiful certificates, suitable for framing, may be requested in advance from AOS headquarters. theaos@aos.org

WHAT ARE WEBINARS? An affiliated society may use recorded webinars for presentations at their monthly meetings. With Wi-Fi access, it's easy! Webinars are an internet-connected audiovisual presentation. You can view from anywhere that you have an internet connection, via Mac, PC or even your mobile device. It's easy to find the **scheduled webinars** and to register on the AOS website. You'll find the link here: <http://www.aos.org/orchids/webinars.aspx>

If you do not have internet access, you can contact the chair of the AOS Education Committee, Sandra Svoboda at stillisch@cox.net and request **a program from the recorded list**.

<http://www.aos.org/AOS/media/Content-Images/PDFs/Webinars-for-Affiliated-Societies-7-24-19.pdf>

The video file with instructions for use will be sent to you. Copy the file to a flash drive or copy it to your computer hard drive and show the webinar at the meeting.

If you want to view independently from home, you can join live, either on your computer or by phone. ALL past webinars are recorded and indexed by topic, for future viewing.

Webinars-Coming Attractions!



When	November 07, 2019 8:30 EST Thursday	November 12, 2019 8:30 EST Tuesday	January 16, 2020 8:30pm EST Thursday
Topic	Greenhouse Chat (Orchid Q&A) <i>Send in your Questions!</i>	How to Buy and Grow Bulbophyllums	Greenhouse Chat (Orchid Q&A) <i>Send in your Questions!</i>
Presenter	Ron McHatton Chief Education and Science Officer	Charles Wilson Accredited AOS Judge and Education Committee Member	Ron McHatton Chief Education and Science Officer

REGISTRATION REQUIRED: <http://www.aos.org/orchids/webinars.aspx>

Cannot make it on the scheduled date or time? No need to worry. Register anyhow! We digitize the webinars and they are available to view at your leisure from the same webpage.

*Webinar announcements are posted to Facebook,
Instagram and in the AOS Corner of your affiliated society's newsletter.*
Send your Greenhouse Chat questions and photos to: greenhousechat@aos.org

FOR YOUR SOCIETY MEMBERS

Remember to let your society members know, we want to sweeten the deal and give them every possible reason to join AOS today! If they become an American Orchid Society member, they have considerably more resources available to help make orchid growing enjoyable and successful.



FEATURE OF THE MONTH

NEW OrchidPro is an easy to use online orchid program with access to over 95,000 photos of award-winning orchids plus exclusive award data, and in-depth genealogy (family trees, progeny, species makeup, parents)

All AOS members now receive OrchidPro INCLUDED with membership!

Please talk about this new member feature at your meetings! No downloads or software necessary. User-friendly tutorials to get you started. Instrumental for anyone interested in exhibiting orchids. Does your society have Wi-Fi or internet access and a computer savvy member willing to demonstrate this fantastic new product to society members at your next meeting?

CULTURE CONNECTION

***transitive verb:* CULTIVATE, to grow in a prepared medium**

For The Novice

Why Orchids Need a Drop in Nighttime Temperature

By Sue Bottom

Have you ever wondered why all the books say that many orchids need a 10 to 20 F (about 5.5–11 C) drop in temperature from day to night? Lower nighttime temperatures are critical for good growth and flowering because there must be a proper balance between photosynthesis and respiration for a plant to grow and bloom well.

ORCHIDS BY DAY During the day, your plants are busy:

- ***Making Food.*** Your plants are busy using solar energy in a process called photosynthesis. Light is absorbed by the chlorophyll in the chloroplasts and the carbon dioxide absorbed by the plant is converted into chemical energy in the form of sugars and starches.

- *Using Food.* Your plants consume their energy reserves in a process known as respiration. The food reserves of sugars and starches are used to maintain existing tissue as well as produce new growths, flowers and seeds.

ORCHIDS BY NIGHT At night, photosynthesis stops but growth and respiration continue drawing on the energy reserves created during the day. Respiration occurs more quickly at higher temperatures than at lower temperatures. At lower temperatures, it is possible for the energy consumption to be less than energy production, allowing the plant to store energy for future use, including flowering. If night temperatures are too high, food is used faster than it can be made so growth is poor and orchids do not flower or they flower poorly.

PROVIDING LOWER NIGHTTIME TEMPERATURES Providing cooler nighttime temperatures can be problematic if you are growing indoors in a climate-controlled environment. Perhaps the best alternative is a programmable thermostat or manually turning the thermostat down at night. Orchids growing by a bright window will be a few degrees warmer during the day from solar gain and orchids growing by an open window may be a few degrees cooler at night in winter. Where possible, you can provide lower nighttime temperatures if you grow your orchids outdoors or on a screened porch during the warm season.

FLOWER INDUCTION BY NIGHTTIME CHILLING Many orchids require a significant day–night temperature difference to induce flowering. Winter-blooming phalaenopsis require a 15 F (8.3 C) drop in nighttime temperature for two or three weeks to initiate their flower spikes. Cymbidiums and dendrobiums can require an even larger temperature difference. *Dendrobium crumenatum* is an interesting species that opens all its blooms simultaneously eight or nine days after a thunderstorm; some believe this is a result of the cooling effect of the evaporation of rainwater.

ZYGOPETALUMS CRAVE COOLER NIGHTS I have long loved zygopetalums with their bluish purple, green and bronze flowers and incredible fragrance, although they have tended to be very short-lived in my care. I have tried growing them in a wide variety of light conditions and potting mixes. Knowing that they like cooler conditions than we have in St. Augustine, I tried the old grower's trick of growing them in sphagnum moss in a clay pot dropped in a second clay pot to keep them a little cooler from the water evaporating from the porous clay. They grew better, but still struggled. I was telling Fred Clarke of Sunset Valley Orchids my tale of woe and he told me to get them out of the greenhouse and under the shade of a tree. That provided a few extra degrees of nighttime cooling and the growth rate exploded over the summer. I was treated to more zygo blooms than ever before.

Understanding your plant's metabolism gives insight into how best to grow it. Cooler nighttime temperatures allow your orchid to store, rather than consume the food it manufactured during the day. This stored energy can then be used by the plant to produce flowers. Next to insufficient light, insufficient day to night temperature change is the most likely cause of your orchid failing to bloom. If your plants are growing well and you are sure they are getting enough of the right kind of light, try dropping your night temperatures by a few degrees. You may be pleasantly surprised by the increase in flowers your plants produce. (November 2014, ORCHIDS, page 654. Reprinted with permission.)

Worth the Read - ORCHIDS November Preview

Who Were These Guys, Part 10: Harry Veitch, John Dominy and the Veitchs of Chelsea by David Rosenfeld If you have not been following along in this series, it highlights many of the historical characters in the orchid world. It must have been tough exploring the unknown jungle for orchids or sailing across oceans in rudimentary vessels without GPS and all of the modern day navigational equipment. Imagine trying to grow orchids when you did not have a clue as to proper cultivation. Blooming and officially identifying an orchid for the first time must have been a reason to celebrate. Getting the news out around the globe must have been painfully slow, compared to the lightning fast communication we have today. Definitely, worth the read when you pick up your November issue.

Don't miss out! Membership offers something for everyone!

- Collectors' Item - *Cattleya warscewiczii* 'Pauline Brault' CCE/AOS
- For the Novice - My Orchid is Growing But Why Isn't it Blooming by Barbara Schmidt
- New Refugium Botanicum - *Cochleanthes aromatica* by Grettel Salguero and Franco Pupulin
- Orchids Illustrated - *Thunia* by Peggy Alrich and Wesley Higgins
- Update on Project Rooting, World Orchid Collections 2020 by Clare & Johan Hermans
- Growing with LED Lights by A'na Sa'tara
- *Tipularia discolor* by Soraya Cates Parr

LOOK for your awarded orchids in the sixteen-page awards gallery in each issue of ORCHIDS! The magazine awards gallery features all of the awards granted month by month in the previous year.

LOOK on the AOS website to find the **most recently awarded orchids!**

<https://secure.aos.org/orchid-awards.aspx>



Thanks for meeting me down at the Corner!

AOS Corner - Affiliated Societies Newsletter Editor, Eileen Hector