

# Massachusetts Orchid Society

P.O. Box 1041  
Medford, MA 02155



**AUG 2020**

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## **M**inute Minutes **Notes from the Board**

**IF YOU HAVE NOT RENEWED YOUR  
MEMBERSHIP YET,  
PLEASE CLICK [HERE](#) AND DO SO TODAY**

**MOS depends on your financial support to bring  
you the very best programs and speakers  
known to mankind 😊**

- ◆ The deadline for next Tuesday's show table is 6 PM Sunday, Sept. 9<sup>th</sup>. Be sure to email pics of your plants, close-ups of flowers and culture notes to [showtable@massorchid.org](mailto:showtable@massorchid.org). Please Note: by emailing this information to us, you agree to allow the board to share it as a society.
- ◆ We WILL be holding an in-person picnic and auction September 12th! There will be a limit of 30 people, so *RSVP ASAP* to hold your space (RSVP only. Masks and social distancing are required.) For more information, go to Page 7.
- ◆ We are sad to say goodbye to board member Cindy Sykes, who recently resigned. Thank you for your wonderful contributions, Cindy, including making sure the holiday party/auction last year was a success. Everyone is sure to miss you and we wish you best of luck moving on!
- ◆ That said – the board now needs to fill TWO officer spaces; Secretary and Director. These are really great positions in that you will get to find out what the board exactly does. Because we don't have a lot of "official" roles, there is some flexibility fulfilling tasks and they can be shared somewhat among us. Please consider joining the board in governing our organization. Go to <https://www.massorchid.org/Officers/> for more information, or email [mos-board@googlegroups.com](mailto:mos-board@googlegroups.com).
- ◆ In this newsletter's hour-long AOS webinar "Greenhouse Chat", Ron McHatten tackles questions related to heat and humidity, plant stress, water quality and lots more essential information for growers of all levels. Go to page 11 for a detailed list of topics and to watch, or [click here](#).

- ◆ The board has voted to cancel this year’s in-person orchid show in November. We’re brainstorming ideas whether to make this virtual so we can still share our great plants, interact with vendors and host educational talks. There will be an emergency show meeting at 7:30 this Thursday, Aug. 6, so please attend – *it is open to all members* interested in helping with show planning. Click this link to go directly to the meeting: <http://meet.google.com/oat-kryx-boe>.
- ◆ Recently the board unanimously voted to donate \$250 towards the upcoming AOS Centennial celebration. In recognition of this year’s show theme, *Orchids of Africa*, the board selected research and conservation efforts in Africa. In addition, we ask members to please consider making a personal donation in celebrating AOS. Every little bit goes a long way towards preserving indigenous orchids in their natural environments. To make your donation, [click here!](#)

Spread the love! Be sure to Like us on Facebook at [www.facebook.com/massorchid](http://www.facebook.com/massorchid) and on Instagram at [www.instagram.com/massachusettsorchid](http://www.instagram.com/massachusettsorchid).



## May Virtual Monthly Show Table

For growers’ culture notes, click [Here](#)



B. digbyana, Brandt Moran



Brassavola nodosa x  
L. tenebrosa, Brigitte Fortin



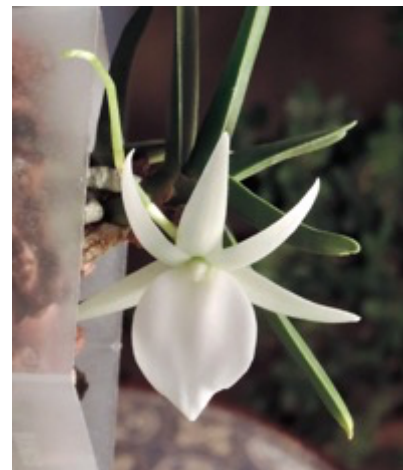
Neo. falcata Niji No Shizuku, Ralph & Chieko Collins



Neo. falcata Unkai,  
Ralph and Chieko Collins



Neo. Shutenou, Ralph & Chieko Collins



Angraecum  
rutenbergianum,  
Jeff Feldman

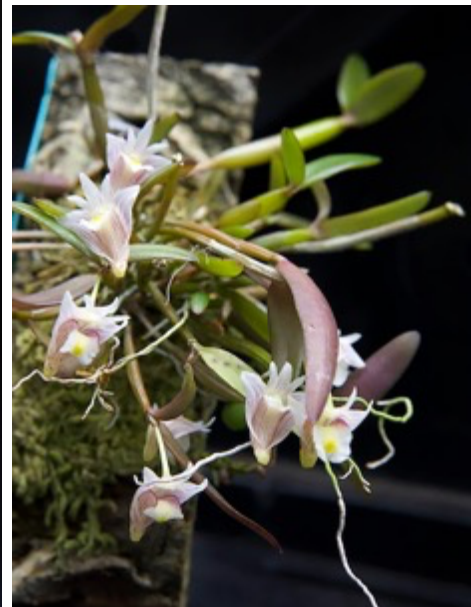




Macroclinium manabinum,  
Julia Redman



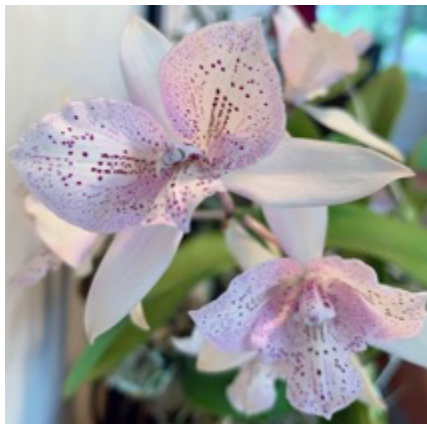
Neo. Cherry Blossom syn.  
Vanda falcata x Purple Fantasy,  
Ron Maloney



Den. Pachyphyllum,  
Ralph & Chieko Collins



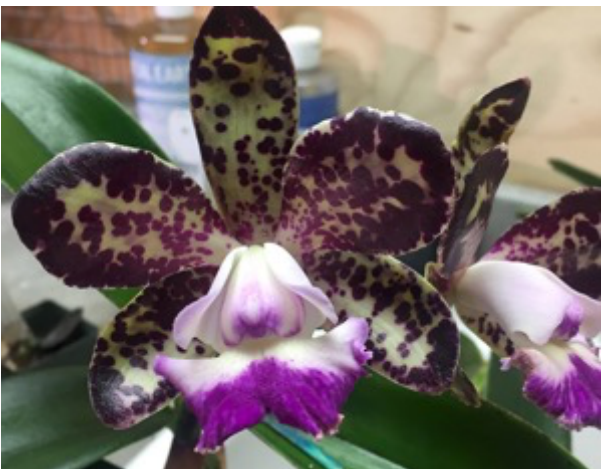
Rlc. Mayor Yamasaki 'Gem', Anne Pfaff



Diacattleya Chantilly Lace  
'Twinkle' HCC/AOS,  
Mike Badia



Asc. Furuse (aka  
Neo. falcata Fuji-Murume),  
Ralph & Chieko Collins



C. Motte Spot 'Paradise' x (C. cognac  
x C. Fort Motte), Brigitte Fortin



Paph. Ho Chi Minh (dalienatil  
var. Dunker x Vietnamese,  
Ron Maloney



Phal. Kenneth Schubert  
pulchcherrima x viola era,  
Ralph & Chieko Collins





Bulb. Pardalotum,  
Amanda Larson



Den. Tangerine Dream, Zash Hudson



Onc. Missingtagus, (LOL)  
Brandt Moran



Phrag. China Dragon,  
Brand Moran



Phrag. Eric Young (Bessemmer var.  
faivum x longifollum v. alba)



Onc. flexiosum, Brand Moran

People's Choice Award - Den. densiflorum,  
Congrats, Richard Phillips!

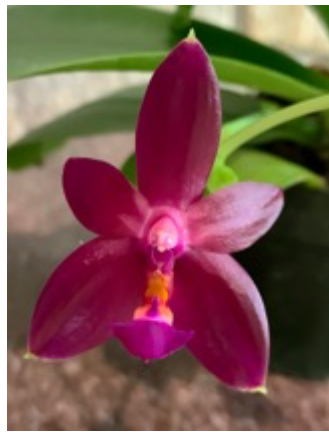


Den. thrysiflorum, Erica Tran 4





Den. Fire Wings,  
Emily Dewsnap



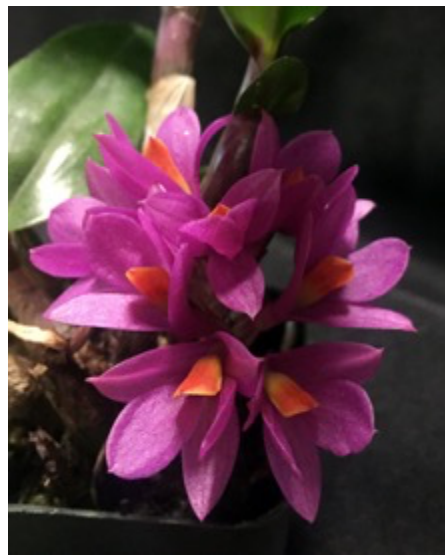
Phal. Valentini, Julia Redman



L. purpurata  
forma sanguinea,  
Brandt Moran



Lc. Jose Dias Castro 'Magnifica'  
x Slc. Circle Of Life  
'Fordyce Herald Angel' AM/AOS,  
Brigitte Fortin



Den. Hibiki, Brigitte Fortin



L. purpurata var. Carne  
(Ovid's via Marty Epstein via Bob  
Cleveland), Brigitte Fortin



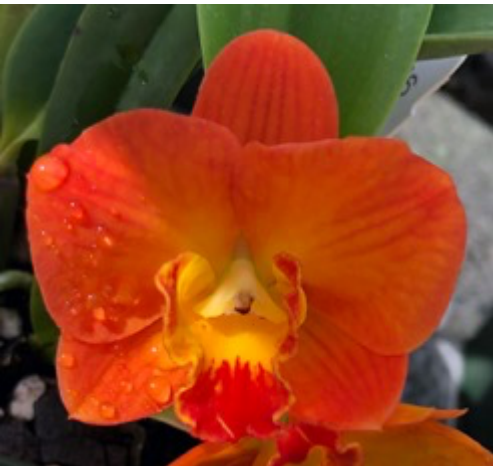
Phal. Mini Lipstick  
7-7-20

Phal. Mini Lipstick, Alan Kaitz



Den. nobile  
To My kids  
Fantastic Story,  
Mike Badia





Slc. Beau's Apricot Gem  
'SVO little Giant' x Chili Chester's',  
Anne Pfaff



Panarica ionocentra,  
Ralph & Chieko Collins



Trichoglottis smithii,  
Ralph & Chieko Collins



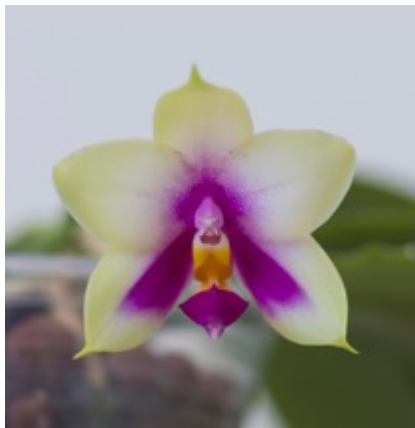
C. Pratum Green, Emily Dewsnap



Masd. Peach Fuzz, Brandt Moran



Phal Pylo's Dena,  
Julia Redman



Phal. bellina,  
Emily Dewsnap



L. tenebrosa, Brandt Moran



**UPCOMING EVENTS**

Monthly Virtual Meeting -  
Glen Decker (formerly of  
Piping Rock Orchids):  
My Life With Slippers  
11 August 2020 7:30 PM

Monthly AOS Judging is BACK! New  
Location!  
15 Sept 2020  
J&L Orchids, 20 Sherwood Rd.  
Easton, CT 06612 See page 11 for details

Monthly Meeting – Annual Auction  
08 Sept 2020 7:30 PM  
To be held online

Lyman Estate Annual Orchid Sale  
11 - 13 Sept 2020 9:30-4:00  
185 Lyman St, Waltham, MA  
To ensure public safety the event will be  
held under tents.

Monthly Virtual Meeting  
Peter Lin of Diamond Orchids:  
The 3 A's of the Orchid World:  
Angraecum, Aerangis, and Aeranthes  
13 Oct. 2020 7:30 PM

World of Orchids: Africa and Madagascar  
MOS Annual Orchid Show & Sale  
06 Nov 2020 12:30 PM  
Details TBA

*About our Monthly Speaker*

Glen Decker, formerly the owner of Piping Rock Orchids, has been growing orchids for over 40 years, and holds the degree of Associate in Applied Science in Ornamental Horticulture. He was the previous chair of the American Orchid Society's Publications Committee and a past Director of the Orchid Digest Corporation. Glen has won numerous AOS awards, including the Butterworth Prize, Nax Trophy, WW Wilson Award and the Carlyle A. Luer Award. He has appeared in Martha Stewart's Better Living Magazine and on a PBS TV special "Orchid Delirium". He rewrote the Slipper section of the Brooklyn Botanic Garden's "The Best Orchids for Indoors" and was the technical editor for the "Orchids for Dummies" book. He also has written many articles on Paphiopedilums and Phragmipedium, which have been published worldwide.

**ANNUAL PICNIC AND AUCTION UPDATE!**

Now is the time to divide those plants to donate for the auction! Your contributions help make this one of our biggest fund-raising events each year.

Email plant and flower photos with brief descriptions to [auction@massorchid.org](mailto:auction@massorchid.org) for our catalog. Include accurate label info, whether it is a blooming size plant or seedling, grown in a pot (size), hanging basket or bare root. Also helpful are growing conditions (cool/warm/int/, light and water.

***Front and back divisions, back bulbs and keikis welcome!***

Date: Sat. Sept 12th (Rain date Sept. 13<sup>th</sup>)  
Location: Marblehead, MA (Details following RSVP)  
Picnic Start: 12:30 - 1:00  
Auction Start: 1:00 - 3:00

**RSVP ONLY Online by Tuesday, September 8<sup>th</sup>**



## AOS Northeast Judging Center Orchid Judging Is Back!

We are happy to announce an in-person orchid judging with our first location at J&L Orchids on August 15th. The address of this event is 20 Sherwood Rd, Easton, CT 06612.

If you are an exhibitor with a plant for judging, specifically located in New England, New York, or New Jersey, please send an email before 5pm ET, Thursday, August 13th, to [northeastjudgingcenter@gmail.com](mailto:northeastjudgingcenter@gmail.com) to let us know you are coming. If you do not let us know you are coming and we exceed the safe limit of attendees, you will not be admitted to the event. We are sorry for this, but it is the only way we can try to keep everyone as safe as possible. Please like our page @AOSNortheastJudging and check subsequent FB posting up to the time of the event in case there are last minute changes.

This event will adhere to all current local and state social distancing guidelines during the pandemic as safety is our priority. Please be prepared adhere to the following when attending:

- all plants must be at the location by 11AM to be judged that day
- please limit drop-off to one person, and please wear a mask
- please follow directions on arrival about using hand sanitizer when filling out paperwork
- depending on the number of attendees on the day, you may be asked to leave your plant and come back at a specified time to pick it up after it is judged
- if we are within safe attendee numbers you may stay, but you will be asked to maintain six feet distance and wear your mask throughout the judging event
- there will be some seating available, but if you wish to bring your own folding or portable chair to the event, it is encouraged

The meeting will start with a brief discussion about business, followed by a short education program, then plant judging will begin at about 11:30am.

Look for an announcement about our new temporary location in New Jersey, starting in September. FYI, we expect to get back to our Frelinghuysen Arboretum location sometime in early 2021. We look forward to seeing you and getting back to awarding orchids safely!

Thank you,  
The AOS Northeast Judging Center Judges

**AOS Article: Heat Stress**

By Susan Jones

Like people, orchids, especially those that prefer cooler, shadier environments, can suffer from heat stress during the hot summer months. The midday sun is intense, especially during the summer, and the high temperatures that bright sunshine brings can burn your orchids quickly, especially the more sensitive types such as phalaenopsis, pleurothallids, paphiopedilums and miltonias.

Heat stress is a condition that occurs in orchids and other plants when excessive heat causes an imbalance in transpiration, the process by which moisture evaporates from the plant's tissues. When that rate of evaporation exceeds the pace at which moisture is being replaced through water taken up by the orchid's roots, the plant becomes dehydrated — leaves soft and wilted, pseudobulbs wrinkled and ridged. The instinctive response in this situation is to overwater the orchid to correct the dehydration. This can instead make matters worse by rotting the plant's root system, further hampering its ability to take in much-needed hydration. The roots can only absorb so much water at one time. In addition to watering, control of heat and humidity play a significant role in the prevention and management of heat stress



Placing a mounted plant in an empty clay pot can help retain moisture around roots. The microclimate of higher humidity helps prevent heat stress and aids stressed plants in recovering.

**Signs of Heat Stress**

These symptoms may appear singly, even in otherwise fairly healthy orchids. When they appear in combination, however, it is usually an indication of heat stress or an underlying problem (such as root loss) that has led to heat stress.

**Yellowing of Plants and Leaves**

Too much light causes a plant's chlorophyll to deteriorate, which can turn your orchid an anemic yellow-green, and eventually cause premature loss of leaves. Most healthy orchids receiving appropriate light levels will be a robust light green.

**Withered Leaves**

The culprit, especially in summer weather, can be overheating. If your plant's leaves feel warm to the touch, they could be getting too much light, and need increased air circulation and shading, or a move to a more protected area.

**Sunburn**

Initial signs of sunburn, as in humans, appear as a reddish-purple tint or freckles on leaves and pseudobulbs. In advanced stages, leaf tips and roots may brown, flowers drop, buds blast or flower spikes fail altogether.

**Shriveled Pseudobulbs**

Your orchid's pseudobulbs serve as its water-storage organs, so shriveled pseudobulbs indicate a dehydrated orchid – it is in a stressed state, having used up its moisture reserves.



## Leathery Leaves

This goes beyond mere wilting, and occurs in the advanced stages of heat stress, indicating severe desiccation and possible damage on the cellular level. Depending on how long the condition has persisted, the type of orchid and its overall health aside from the leaf damage, it may or may not recover once its leaves are parched.



**Mounted orchids are particularly sensitive to higher temperatures and require additional water and humidity during hot weather. This Cattleya hybrid exhibits the yellowing leaves and wrinkled pseudobulbs typical of heat-stressed plants.**

Mounted orchids are particularly sensitive to higher temperatures and require additional water and humidity during hot weather. This Cattleya hybrid exhibits the yellowing leaves and wrinkled pseudobulbs typical of heat-stressed plants.

### Prevention

Your orchids need lots of attention during the summer months, especially on hot days. With higher temperatures, orchids require more frequent watering to prevent dehydration. High temperatures quickly dry out mounted orchids, those in baskets and even potted plants.

Maintaining the balance between keeping orchids sufficiently hydrated and over-watering can be a challenge. A simple rule of thumb is that an orchid's need for water increases and decreases with the ambient temperature, so water thoroughly and more frequently during higher temperatures. Most mounted plants and those in baskets, especially vandaceous orchids and other genera grown with little or no media, will benefit from daily watering in warmer weather.

In addition, keep humidity high and air movement continuous, as both of these factors help plants keep their cool on hot days. Adding a fan to the growing area, or locating your orchids where they receive the caress of summer's breezes, as well as spacing your plants to allow for sufficient air circulation between orchids, can make a big difference in their environment and overall health. This will also help to keep rots from fungi and bacteria at bay.

The benefits from misting orchids during hot weather do not have much sustained effect, so unless one has a misting system in place to maintain that added humidity throughout the day, it is probably not useful to your plants. When watering or misting, always be certain that plants have ample time to dry before night falls, so as to discourage bacterial and fungal growth.

When moving orchids outside for the season, start them out in a shaded spot and gradually increase their exposure to sunlight to acclimate them to the higher outdoor light levels. Make sure to protect them from the strongest sunlight as midday summer sun has more intense UV rays that can burn tender plants. Check the amount of exposure your plants receive at different times during the day as the sun moves, and throughout the year as the earth's orbit around the sun makes its gradual seasonal changes, which in turn changes the angle of the exposure your plants receive.

For greenhouse growers, consider using shade cloth for added protection during the summer months. Windowsill growers may want to add a sheer curtain during the summertime to keep sunlight reflected by the window glass from causing sunburn.



Finally, always have someone care for your orchids while you are away on summer vacation.

### Treatment

Once an orchid has suffered the effects of heat stress, it may take a long time to rebound. Apply fertilizers sparingly, using a weak solution, and flush the growing medium with clean water between applications of fertilizer, as the salts in fertilizers are difficult for dehydrated plants to assimilate, and a regular dose may further burn the plant. Be especially alert for pests on distressed orchids – insects and viruses are more likely to attack weakened plants.

### References

Dodge, Vivian M. 2003. "Sun Protection." *Vivi's Orchid Corner*. 8(6).

\_\_. 2000. "Tips for August." *Vivi's Orchid Corner*. 5(7).

Withner, Carl L. 1997. "Good Orchid Growing or the Concept of Stress on Plants." *Orchid Society of Nova Scotia newsletter*, May.

*Susan Jones was the editor of Awards Quarterly and assistant editor of Orchids. American Orchid Society, 16700 AOS Lane, Delray Beach, Florida 33446*

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### Greenhouse Chat with Ron McHatton

Orchid related questions, answered by AOS experts.

Note the specific times below if you wish to watch or listen to those topics.

Click [Here](#) to watch now.

Note the specific times below if you wish to watch or listen to those topics.

- 01:03 High temperatures and humidity
- 03:56 Best time to water in high temperature
- 05:13 Water quality Distilled, RO, tap water
- 11:22 Vanda how to get it to bloom
- 13:10 pH levels



## • THE AOS CORNER •



# Seasonal Orchid Care: July/August

Click [here](#) for Checklist

Now you can access the MOS website  
from your smartphone with this new app!

The new [Wild Apricot for Members App](#) allows members to log in and view content from [www.massorchid.org](http://www.massorchid.org).

### What can your members do with the member app?

- View the member directory
- View a member's profile
- Email fellow members
- View the event calendar and event details
- Register for an event
- Specify the number of guests if the registration type was set up to collect the total number of guests only
- View your existing event registrations
- Pay an outstanding event registration fee
- View your member profile
- Download the app on Apple or Google Play.

# Officers, Directors & Committee Chairs

## Officers

President	Dina Deresh	<a href="mailto:dina@massorchid.org">dina@massorchid.org</a>
Vice President	Meg Bright-Ryan	<a href="mailto:meg@massorchid.org">meg@massorchid.org</a>
Secretary	Open	
Treasurer	Amanda Larson	<a href="mailto:amanda@massorchid.org">amanda@massorchid.org</a>

## Directors

Past President	Sasha Crotty	<a href="mailto:sasha@massorchid.org">sasha@massorchid.org</a>
	Mike Badia	<a href="mailto:mike@massorchid.org">mike@massorchid.org</a>
	Brigitte Forti	<a href="mailto:brigitte@massorchid.org">brigitte@massorchid.org</a>
	Anne Pfaff	<a href="mailto:anne@massorchid.org">anne@massorchid.org</a>
	Open	
	Open	

## Committee Chairs

AOS Trustee	Howard Bronstein	<a href="mailto:aosrep@massorchid.org">aosrep@massorchid.org</a>
AOS Representative	Brigitte Fortin	<a href="mailto:conservation@massorchid.org">conservation@massorchid.org</a>
Conservation	Robert Hesse	<a href="mailto:karyn@massorchid.org">karyn@massorchid.org</a>
Hospitality Committee	Karyn Stewart	<a href="mailto:librarian@massorchid.org">librarian@massorchid.org</a>
Library	Open	<a href="mailto:membership@massorchid.org">membership@massorchid.org</a>
Membership	Nadine Lepick	<a href="mailto:newsletter@massorchid.org">newsletter@massorchid.org</a>
Newsletter Editor	Anne Pfaff	<a href="mailto:ellen@massorchid.org">ellen@massorchid.org</a>
Orchid Digest Rep.	Ellen Shapiro	

## Orchid Show

Board of Directors [show@massorchid.org](mailto:show@massorchid.org)

## Show Table

Brigitte Fortin [brigitte@massorchid.org](mailto:brigitte@massorchid.org)  
Mike Badia [mike@massorchid.org](mailto:mike@massorchid.org)