

THE ORCHID ENTHUSIAST

The Newsletter of the Central New York Orchid Society

Affiliated with the American Orchid Society and Orchid Digest

Editor's Note:

Contributions to the Orchid Enthusiast by members of the CNYOS are welcome. Articles, pictures, or ideas for discussion subjects should be submitted **two weeks** before the next meeting to: csmith23@twcny.rr.com

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Membership Renewal Reminder

2020 Memberships - Dues are \$20 for individuals and \$22 for families.

Send to:

Carol Haskell, Treasurer
102 Wynthrop Road
Syracuse, NY 13209

President's Message:

Hello Fellow Orchid Folks,

This has been a nice summer in my area to be an orchid spending time outside. This change to cooler nights reminds me to prepare to bring them back inside. I will need to check them for hitchhikers and treat them if necessary.

Looking towards our Show and Sale in October, I hope that your orchids are working on setting their buds to be ready. This would be a good time to stake any that will need to be perfect for the show. Please check your potential show plants soon and treat for pests -- we don't want to bring home any new problems from the show, just ribbons, trophies and bragging rights!!

See you and your show table orchids at our first fall meeting!

~ Lori Burritt, President



Stanhopea saccata 'Dude' AM/AOS
Photographer: Wilton Guillory

Vendor List:

Our auctions and shows have benefited greatly from the generosity of the following vendors. When shopping for new orchids and supplies, please check them out first!

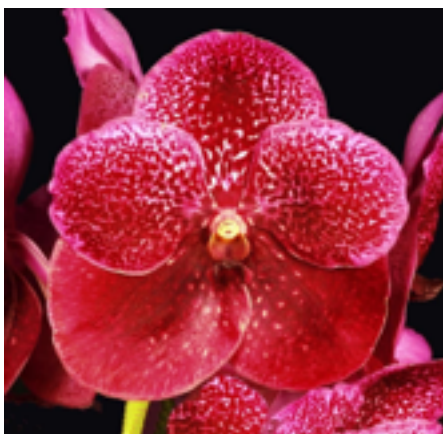
- <http://www.andysorchids.com>
- <http://marlowsorchids.com> **
- <https://www.kkorchid.com> **
- <http://www.jlorchids.com>
- <https://www.mountainorchids.com>
- <http://www.pipingrockorchids.com> **
- <http://www.fairorchids.com>
- <http://www.stonybrookorchids.com>
- edgarstehli@sbcglobal.net

To contact Windswept in Time Orchids

<https://www.msorchids.net> **

- <https://carter-and-holmes.com>
- <https://www.kalapanatropicals.com>
- <https://cloudsorchids.com>

**** denotes vendors at our show**



Vanda Misty Pace 'Crownfox' FCC/AOS
Photographer: Willie Alleyne

Minutes: May 2019

No minutes to report

Treasurer's Report: May 2019

No update to report

Upcoming Webinars:

American Orchid Society: Register at aos.org

September 5, 2019 - 8:30 PM - 9:30 PM

Greenhouse Chat September 2019

Ron McHatton

(Open to All; submit questions by Sept. 3rd)

September 18, 2019 - 8:30 PM - 9:30 PM

Orchid Gardens of Latin America

Tom Mirenda

(Member Only Webinar)

October 3, 2019 - 8:30 PM - 9:30 PM

Greenhouse Chat October 2019

Ron McHatton

(Open to All; submit questions by Oct. 1st)

October 7, 2019 - 8:30 PM - 9:30 PM

Conservation & Ecology of Western North

American Cypripediums

Tara Luna

(Member Only Webinar)

You can watch a variety of recorded webinars
any time at your convenience at

aos.org

Show Table: June 2, 2019

~ JERRY & SUE FINGER ~

Note: All grown under lights

Vanda garayi
 Den. pierardii (originally from Jim Rice's collection)
 Cym. ensifolium 'Ba Bao Qi Zhen'
 Vanda (was Neofinetia) falcata 'Fugaku'
 Phymatidium tillandsioides (now falcifolium)
 Rl. digbyana
 Phrag. QF Walter Scheeren (Memoria Julius Dixler x boissierianum)
 Den. Tangerine Dream T (lanyaiaae x unicum)
 Bratonia Golden Spider (Miltonia clowesii x Brassia Starry Knight)

~ DOLORES CAPELLA ~

Sarcoglottis septrodes 'Green Goddess'
 Phal - un-named
 Epidendrum - un-named
 Phal. Sogo Vivien 'Golden Leaves' (Sogo Alice x Zuma's Pixie)

~ JACK HASSE ~

Den. anosmum	L/O
Masd. pinocchio	L/T
Masd. Redwing 'Volcano Queen' (infracta x coccinea)	L/T
Dracula lotax	L/T

~ JAN WOODWORTH ~

C. Amethyst Star (Mini Purple x longipes)
 Phal. Kenneth Schubert 'Taida Violet' (pulcherrima x violacea)

~ JUDI WITKIN ~

Miltoniopsis Andrea West (Capitola x Doctor Ruth Ono)
 Phrag. Saint Owen (Hanne Popow x besseae)
 Bulb. falcatum 'Standing Tall' AM/AOS
 Phal. - un-named

~ DAVID DITZ ~

Note: All grown in greenhouse

Den. constrictum
 Leomesezia Lava Burst (Lsz. Mini-Primi x Rdza. lanceolata)
 Epidendrum parkinsonianum
 Vanda Pakchong Blue 'No 99' (Doctor Anek x coerulea)

~ JAN WOODWORTH ~

C. Amethyst Star (Mini Purple x longipes)
 Phal. Kenneth Schubert 'Taida Violet' (pulcherrima x violacea)

~ HONEY GOSHORN ~

Phal. un-named
 Phal. tetraspis (f. imperatrix) (Kew lists this plant now with forms or varieties)

Paph. Hsinying Alien f2

[(Raisin Pie 'Hsinying' x Supersuk 'Eureka' AM/AOS) X Sib.]
 F2 because it is a hybrid times itself. Name is registered

I hope everyone had lots of blooms over the summer. It was very hot and some may have been stressed. Only a couple of name changes in **BOLD**.

Submitted by: Sue Finger



THE SEPTEMBER 2019 AOS CORNER

From the desk of Denise Lucero, Vice Chair, AOS Affiliated Societies Committee
(dluceroaosmembership@gmail.com)

AFFILIATED SOCIETIES

As you may have heard, membership rates are increasing on Jan 1, 2020. If your renewal date is before July 1, 2020, you can renew early at today's rates. Renewing early removes the risk of missing the January 1st, 2020 date and allows the society to save a few dollars. The inclusion of Orchids Pro as part of membership also applies to societies and will be available on October 1st. Having an authorized society member designated to use this tool at a society show makes plant classifications easier, especially when the show is AOS judged. This is just one example of the award tool applied for affiliate use. If you have additional questions, please send an email to affiliated_societies@aos.org. A member of our committee will reply to your inquiry.

The AOS Board of Trustees is seeking nominations for members of the Board of Trustees of the American Orchid Society, for all six officers (for 2020-2022) and four trustees (for 2020-2023). Members may nominate any member in good standing, including themselves, and shall provide a rationale as to why they should be considered. All nominations will be evaluated by the Nominating Committee and a slate will be mailed, in accordance with the by-laws, prior to the election at the Members Meeting in the spring of 2020. You can look at the competencies Board Members are evaluated on at the link below. If someone in your society, or you, can provide guidance to the future of the AOS and is interested in serving on the Board, please send your nominations to Alan Koch at nominating_committee@aos.org. Nominations will be accepted up to close of business September 25, 2019. Here's the link: <http://www.aos.org/featured-content/call-for-nominations.aspx>

YOUR SOCIETY CAN EARN FREE AOS MEMBERSHIP EXTENSIONS:

Upcoming shows are a good time to encourage new membership to AOS. Affiliated societies can now earn a one-month extension of their AOS society membership for each new AOS member that they refer (note: membership renewals don't count). Make sure to note your Society Affiliation in the comments section of the application. Be sure to have membership applications with your society's name already filled in and available at your club meetings! If they become an American Orchid Society member, they have considerably more resources at their disposal making growing orchids even more enjoyable and successful. Digital Access to Over 350+ past issues of Orchids magazine extending back to 1932!

THE SEPTEMBER ISSUE OF ORCHIDS MAGAZINE will feature great articles and beautiful pictures on:

- New Refugium Botanicum - TBD
- Orchids Illustrated - *Masdevallia* by Peggy Alrich and Wesley Higgins
- Lindleyana - New Ecuadorian Species, Part 2 by Hugo Medina, José Portilla and Iván Portilla
- Orchids of Bhutan - *Diplomeris* by Stig Dalström, et al.
- Who Were These Guys, Part 9 - Charles Robert Darwin by David Rosenfeld, MD
- Icelands Hidden - *Dactylorhiza maculata* subsp. *islandica* by Sergey and Elena Skoropad
- Orchids Among the Thorns by Spiro Kasomenakis
- Genus of the Month - *Zootrophion* by Thomas Mirenda and Wolfgang Rysy

Let's grow together, Denise Lucero

EDEMA: What Are Those Strange Blisters?

~ Text by Sue Bottom; Photos by Terry Bottom
*This is a re-print of an article from **Orchids** 2015*

When I first noticed those corky blisters on the leaves of my orchids, I thought it was some kind of aberrant scale. I tried scratching them off and even tried excising them with an X-Acto knife, though of course it wasn't scale at all. The culprit was edema, also known as oedema; swelling caused by excess fluids.

In orchids, this swelling is caused by improper watering, when the roots absorb more water than can be transpired by the leaves. Typically, this happens during the cooler months in late winter and early spring, especially during extended periods of cool, cloudy weather. If you water on a gray day when the plant is not actively growing or you water late in the day on a day when the nighttime temperatures turn cool, edema blisters may form. The excess water absorbed by the plant causes a swelling of plant cells that produces a blister on the leaf.

Proper watering is the key to preventing edema blisters from forming. During the warm growing season when plants are in active growth and the nighttime temperatures are warm, you can water your plants with wild abandon. You can water in the morning, the afternoon or at night. In fact, when the humidity is very low, many orchid growers find it difficult to properly hydrate their orchids because they dry out so quickly.

Some selectively water in the evenings after the sun has set so their plants will stay wet overnight and soak up water. Fertilizer shouldn't be applied in the evening hours. Darkness, plus water, plus nutrients is a formula for fungal and bacterial growth. Most orchids grow in a nutrient-poor environment so even though the plants may be wet at night from heavy dews and rain, there is insufficient

food to fuel roots and the like in nature. If you decide a nighttime watering regime is right for you, water at dusk and then apply your fertilizer in the early morning.

My go-to guy, Courtney Hackney, recommends nighttime watering during periods of low humidity and warm nighttime temperatures and notes some of the additional benefits from this approach. Your plants will be well hydrated so you will not have to worry about fertilizer toxicity. The roots will be ready to take up fertilizer as their surface condition has changed from hard and stiff to soft and pliable. If you live in an area with hard water, salts that accumulate in the medium, pots and roots will become soluble overnight, allowing them to be flushed out the next morning while fertilizing. Once the humidity rises or nighttime temperatures drop below the 65–70 F (18–21 C) range, you should resume the more conventional morning watering regime.



This bifoliate cattleya has just developed edema. The blisters are always raised. Sunken spots would be suggestive of a bacterial infection causing a collapse of the cells. Sometimes edema is mistaken for scale, though scale can easily be rubbed off with alcohol and a cotton swab.

Continued on page 6

EDEMA: What Are Those Strange Blisters? Con't. from page 6

Watering during the cooler months is quite different than during the main growing season. Many orchids go through a winter resting period and some an outright dormancy, so the orchid's need for water and fertilizer is at a minimum. Your frequency of watering will be perhaps a quarter or a half of your summertime watering frequency. Water early in the morning, finishing before noon or so. Do not water on gray or rainy days, even if it is your "scheduled" watering day.

Orchid growers spend a lot of time worrying about different pests and diseases that might be afflicting their plants. I have come to believe that there are more physiological and cultural issues that cause problems with your orchids than those caused by pests and diseases. If you have access to the AOS Guide on Orchid Pests and Diseases, read or reread Tom Sheehan's discussion on physiological disorders caused by improper watering, light, nutrition, potting faults and other conditions (Sheehan 2002). His comments are as true today as the day they were written.

~ Sue Bottom started growing orchids in Houston in the mid-1990s after her husband Terry built her first greenhouse. They settled into St. Augustine, Florida, Sue with her orchids and Terry with his camera are active in the St. Augustine Orchid Society, maintaining the society's website and publishing its monthly newsletter. Sue is also a member of the AOS Editorial Board (sbottom15@hotmail.com).



The raised blisters are clearly displayed on this phalaenopsis leaf. Some of them are translucent, and some have taken on a corky appearance (image sent to www.staugorchidsociety.org for diagnosis).

Additional Reading:

Cating, R.A., Palmateer, A.J., Stiles, C.M., Harmon, P.F. and Davison, D.A. 2014. Physiological Disorders of Orchids: Oedema. University of Florida, IFAS Extension, Plant Pathology Department, PP244, Revised April 2014. <http://edis.ifas.ufl.edu/pp164>.

Sheehan, T.J. 2002. Physiological Disorders of Orchids. p. 4-21. In: Orchid Pests and Diseases, Revised Edition, T.J. Watson editor. American Orchid Society, Delray Beach, Florida.

Upcoming Meetings & Events:

- September 8, 2019 - 2 PM**
Final Planning for CNYOS Annual Show
(There will be Raffle and Show Tables)
- October 4 - 6, 2019 -**
CNYOS Annual Show & Sale
(See Save the Dates Events Schedule
for dates and times)
- November 3, 2019 - 2 PM - Guest Speaker**
Fred Clarke of Sunset Valley Orchids
Topic: TBD
(There WILL be plants for sale)
- December 1, 2019 - 2 PM**

Refreshment Volunteer List:

September 8, 2019 - Meeting

_____?_____ & _____?_____

Beverages _____?_____

A refreshment sign-up sheet will be at the September Meeting for 2019-2020 Meetings and the CNYOS Annual Show

Marlow Orchids Open House - Oct. 12, 2019

Food, Fun, Lectures & Shopping!!!

Go to marlowsorchids.com for more information and directions.

Save the Dates: 2019-2020 Events Schedule

September 8, 2019: *CNYOS Program - Final Planning for CNYOS Annual Show and Program TBD*

October 4, 5, 6, 2019: CNYOS ANNUAL SHOW & SALE

Friday - set-up display and help get vendors settled, pizza; Judging Saturday Morning; Open to the Public Saturday - Noon-5 and Sunday 10-4. Sign up early to help out with clerking or show room monitoring and food. Co-chairmen - Judi Witkin and Sue Finger

November 3, 2019: *CNYOS Program - Guest Speaker Fred Clarke of Sunset Valley Orchids in California!* His topic will be decided later. He is an expert in so many areas. He will bring plants for sale. This will be a must-see program!

December 1, 2019: *CNYOS Program - Holiday Luncheon*

No formal program, bring a dish to pass, your table service and beverage.

~ 2020 Don't forget to pay your dues as 2020 is gonna be fantastic for CNYOS! ~

January 5, 2020: *CNYOS Program - Silent Auction*

February 2, 2020: *CNYOS Program - TBD*

March 1, 2020: *CNYOS Program - TBD*

April 5, 2020: *CNYOS Program - Guest Speaker Peter Lin of Diamond Orchids in California*

May 3, 2020: *CNYOS Program - Guest Speaker Alan Koch of Gold Country Orchids in California*

June 7, 2020: *CNYOS Program - Annual Auction/Picnic*

Central New York Orchid Society

The Central New York Orchid Society meets at St. Augustine’s Church, 7333 O’Brien Rd, Baldwinsville, at 2:00PM on the first Sunday of each month from September through June except for January and September (date moved to second Sunday because of national holiday weekends).

Website: <http://cnyos.org>

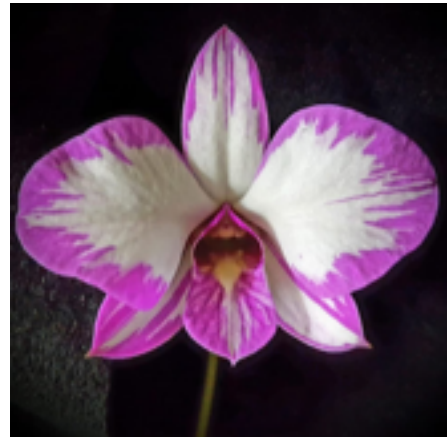
Directions to St. Augustine’s Church:

<http://www.cnyos.org/directions.html>

CNYOS Facebook Page:

If you have not checked out our Facebook Page, you can search “Central NY Orchid Society” on Facebook or go to:

<https://www.facebook.com/CNYOS/>



Reminder: Be sure to “Like” our page!

Central New York Orchid Society

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Jerry Finger (315) 458-3040

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Dolores Capella (315) 469-8697

The Orchid Enthusiast

The CNYOS Newsletter is a publication of the Central New York Orchid Society and is distributed to the Society’s members ten times per year.

Chris Smith, Editor

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