



“?????”

March 12, 2017 at 12:30 p.m.

THE ADMINISTRATION BUILDING OF THE CAPE COD FAIRGROUNDS
1220 Nathan Ellis Hwy, (Rt. 151) East Falmouth MA 02536 (White fences on North side of Hwy.)

March's Meeting: Due to circumstances beyond my control the program information for the March meeting is unavailable. In order to provide you with a timely newsletter I am sending the newsletter out this month without that information. I will post the information on our website and Facebook as soon as it becomes available.

CAIOS at New Hampshire Annual Show—2017

“These Are a Few of My Favorite Things”

As Reported by Tom:

Old Man Winter brewed up a storm for NH Orchid Society set up, so, I went a day ahead and found like-minded geniuses moving in too. We helped each other with carrying, door holding and congratulating each other on our clever early arrival. Because of another event ongoing, we packed a teensy storeroom with orchids, ate too much at the Hotel “Bistro” and fell asleep, thankful to be there ahead of the snowflakes.

All vendors and all but 2 Societies made it through a foot of new snow and created a lovely set of displays. The CAIOS exhibit was crowded with my flood of warm colored Oncidiums, center and right. Tina's white and purples on the left somewhat balanced the colors. Cathy Fewore's colored Phalaenopsis and Coelogyne helped too. A few big Cymbidiums topped off the scene. The overall effect was a bit too crowded, but spectacular in color with Wilsonara and Odontocidium sprays arching over the center.



The Show theme was: “These are a Few of My Favorite Things”. So, I added a package tied up with strings and labelled “Orchid Plants”

FROM: The Von Trapp Orchid Company and
TO: Brown, Smith and Jones, East Overshoe, NH

I left the lines from the song on a little card next to the package of Orchid Plants - “Brown Paper Packages tied up with Strings,--These Are a Few of My Favorite Things.” –Fun



Dick and Ellie Phillips from Westport, MA staged their own exhibit near ours and brought up only 9 or so, But; Wow! What great plants! Their separate exhibit featured huge, magnificent plants, dominated by a *Dendrobium mohlianum* cross with hundreds of yellow flowers on a 3 foot high specimen. Many ribbons too.

The official ribbon results are pending from the NHOS website but we did get some 15 or so, including:
Best Oncidium in Show for Wils.(Oda. Petit Port ‘Woolsey’ X Wils. Geneva Red ‘Rosie’) a Tom Perlite Hybrid

Best Cymbidium in Show for Cym. No Name - miniature light red

AND New Hampshire has a clever Award for the —

Best No Name Orchid in Show The SAME Cymbidium as above!

Sunday teardown was thwarted by another snow event, and not until Tuesday did our rather dried out plants come home.

A fine event but rather strenuous for me at my tender age of ?? — Tom Gregg

Ribbon Judging results as soon as I get them.

Amherst Orchid Show – Thank you for your participation. The award list has not been received and will be posted on our website as soon as it becomes available and in the next newsletter. If you attended the show and have any pictures please forward digital copies so I may add those to the website as well.

CAIOS Orchid Passion – There were several omissions to the award list posted in the newsletter last month. My sincere apology to all of the members omitted from the listing. I am still trying to clarify a few of the listings and will be posting the list on our website and in the next newsletter as soon as possible.

Upcoming Meetings: April 2017: To be announced.

Raffle and Member Show Table: Members should bring any plants they wish to show and have the best available expert discuss them with audience participation, all questions kindly answered. As an incentive, each plant shown will receive a Raffle ticket for orchid plants. Another raffle will be for purchased tickets only. The Society appreciates donated plants for raffles, we just request that your donations are healthy and pest free.

Refreshments: For the January meeting would **Members N-Z** please bring a plate, or bowl of munchies to share. Beverages will be provided!

Orchids Questions – Answers – Helpful Hints Please see our website www.caios.org for helpful information. Did you get a new plant and need care information? Let me know. If you have any additional comments or suggestions for our members you would like to share please feel free to contact me at webmaster@caios.org , OakH35@yahoo.com or see me at one of the meetings.

Growing Orchids in Water: Recently a few members asked about growing their orchid's bare root in water only, without using all the things necessary for a hydroponic system, just placing bare root plants into a container with water. This process of growing orchids was new to me and required some research which included mentioning it at the February meeting to see if any of our members were familiar with this method of growing.

One of our members came up to me at the end of the meeting and told me they have been trying this method since the fall and provided an internet source on YouTube (Samantha's Orchids). My research has consisted primarily of internet research of articles and YouTube videos from several different producers. My research on the subject is not complete and I have more questions about the process, so I can't say, "yes it works" or "no it doesn't work". I find it an interesting alternative concept for growing orchids. Here is what I have currently learned which may or may not change as I continue to research this question.

1. Not all orchids will be suitable for water culture. Especially those that require a rest period (dormancy) through the winter months. Some of the "water growers" don't feel this is true as they just withhold water from their plants during this time and feel they can monitor the roots in the glass containers during dormancy.
2. You will need to know all the normal culture requirements of the plant you consider putting in a water culture, ex. light, temperature, and fertilizer requirements.
3. There is "semi-water culture" where just the tips of the plant roots are in water; and "full water culture", where the entire root system is in water.
4. There is an adjustment period while the orchids adapt to the water culture.
5. Some orchids are in water 2 day and then the water is drained and the roots are allowed to dry out for the next 5 days. Cattleyas have been mentioned as requiring this 2 to 5



cycle. There are others that the roots stay in water all the time, changing the water once every 5-7 days, frequently mentioned for this method is Phalaenopsis.

6. Water. If your tap water works well normally for your plants then it will work for water culture.
7. It is recommended that you use glass containers.

Are you growing your orchids using this method? Did you try this method and not satisfied with the results or experienced difficulties? If you have anything to share with the membership regarding your experience, send me an e-mail (OakH35@yahoo.com or webmaster@caios.org). If you don't have internet access feel free to write your information and give it to me at one of the meetings.

Another member was interested in putting their orchids outside this Summer and utilizing a Shade cloth. This is another topic I am unfamiliar with requiring research this month.



Shade Cloth/ Shade Net: is usually made of loosely woven polyester or even aluminum and can be found in varying densities or degrees of shade from approximately 5% to 95%. All shade cloth is water permeable so that rainwater, sprinklers and irrigation systems can keep your plants hydrated.

There are two types of the most common shade cloth: “knitted” and “woven”. Knitted shade cloth is made of lightweight polyethylene and is the type used for orchids as well as other plants.

There are two crucial parameters for shade cloth/net. One is the shading factor in % and another is color.

Shading factor: They are available in various shading factors. The higher the shading factor, shade cloth would block more radiation and would reduce the temperature of air, soil and plant inside. Right shading factor for orchids is dependent on the location and normal orchid culture. 50% shading factor cloth blocks 50% of the sunlight.

It is recommended you use a light meter to decide the percentage of shade you will require in the area for the orchids you are growing. Measure the light at the same location at various times of a sunny day to decide the amount of sun light the area is receiving and then decide on the amount of shade cloth needed.

Light meter – A member recently found a **Smartphone app** – **LUX METER** which allows you to measure the light in footcandles they thought might help them to determine if their orchids are getting sufficient light. Has anyone used this app or another light meter app they would suggest.

Another app they found says “Created by an orchid enthusiast, **MQ Greenthumb** is an iOS app for measuring light levels to help create an optimal environment for successful growth” Has anyone tried this?

Amount of light also depends on type of orchid. Example. Vanda's require very high light, followed by Cattleya and Dendrobium.

Genera	Foot Candles
Vanda	4000 to 6000 ft-candles
Oncidiums, Dendrobiums and Cattleyas	2000 to 4000 ft-candles
Some Paphs	1500 ft-candles

Color of shade cloth is an important parameter that needs to be considered for Orchids. (Chart courtesy of Happy Orchid)

Color	Light Scattering	Heat Generation	Full Spectrum of Colors	Comments
Silver color /Aluminum based	★★★★★	None	★★★★★	Best available but limited availability
White	★★★★	None	★★★★★	2 nd Best
Red	★★★	★★	★★★	Red light increases larger leaf surface, long and thicker stems and promotes early blooming 2 nd Best
Black	None	★★★★★	★★★★★	Produces more heat. Not suitable for normal temperatures but could be used in Winter to increase heating
Green	★★★	★★	★★	Green light is not useful to plants
Blue	★★★	★★	★★★	Blue light darkens the foliage and shortens the plant & delays blooming

Again if any member has additional information on the subject please let me know and I will add your information in the next newsletter.

Note on letting your plants enjoy the Summer weather - Remember when moving your plants outside, make the transition slowly. Place them under very heavy shade for a few days, then somewhat less shade for a few days and then move them to their summer homes paying careful attention to the color of the foliage.

Members Corner:

Membership Directory: The board is considering publishing a for “member use only” directory. This would contain name, mailing and street address, phone number(s), and email, as much as you are willing to share. If you would prefer NOT to be included in a directory, please advise Christine Hight, our membership chairperson at christine.hight01@gmail.com.

Membership Dues: **A reminder that yearly membership dues were owed in January. Renewal form below and on our website.**

Newsletters: Have you missed a newsletter? All members should have their monthly newsletter no later than 7 days prior to our meeting. Please feel free to contact me via e-mail (OakH35@yahoo.com or webmaster@caios.org) so I may try to determine and correct the problem. Our website www.caios.org is frequently updated with meeting, show and other late breaking news which is not available at press time. I encourage all members to check our website frequently.

Annual Election: Are you interested in offering your expertise to CAIOS? Our annual election of officers is a few months away, but it's not too early to start thinking about nominees or letting us know you are interested. We are also looking for members willing to take on the responsibility of publicity; theme and display design for our show in January 2018. Please contact Marsha or another Board member to let them know your area of interest and they can also provide you with specific information regarding the positions.

Upcoming Events:(last minute events and sales also posted on www.CAIOS.org)

March 18-19, 2017 Nutmeg Orchid Society Show and Sale, The West Hartford Meeting and Conference Center, 50 South Main Street, West Hartford, CT Saturday 12 noon – 5 p.m., Sunday 10 a.m. – 4 p.m. Additional information please see www.nutmegorchids.org. If you are interested in helping and have plants please let Tina know 508-540-5006

March 24-26, 2017 SEPOS Show and Sale, Greater Philadelphia Expo Center at Oaks, Hall “E” Friday 12 noon to 6 p.m.; Saturday 9 a.m. to 6 p.m.; Sunday 9 a.m. to 5 p.m. Regular admission \$10, pre-purchase online \$7.00. Additional information available on their website www.sepos.org.

American Orchid Society Webinars: (some require AOS membership)

March 14, 2017. 8:30 p.m. – 9:30 p.m. **Greenhouse Chat.** Presenter Ron McHatton, American Orchid Society Director of Education, and accredited AOS judge, holds a Q&A session on how to grow and care for your orchids. Advanced Registration (space is limited) required. The webinar is open to AOS members and non-members. If you have questions, please submit them by March 12th to stillisch@cox.net. Please see the website for additional information and registration. www.aos.org.



March 22, 2017. 8:30 p.m. – 9:30 p.m. **My Favorite Curiosities.** Presenter Ron McHatton. Ever wonder why the outside of the flowers of *Bulbophyllum phalaenopsis* are covered with those odd rubbery little spines, the pseudobulbs of your myremecophilas are hollow or why some of your orchids grow fine spiky roots that stick straight up and defy getting them in a pot? Each of these has a definite evolutionary purpose. Ron discusses a selection of his favorite curiosities out of a family replete with curiosities. Available to everyone. Advanced Registration (space is limited) required. Please see the website for additional information and registration. www.aos.org

April 5, 2017. 8:30 p.m. – 9:30 p.m. **Virus Testing and Identification.** Janet Lamborn of Agdia discusses the various types of viruses that can affect your orchids and how to test for them. . Advanced Registration (space is limited) required. The webinar is open to AOS members only. Please see the website for additional information and registration. www.aos.org.

January 27 & 28, 2018 CAIOS Show dates



Annual Membership: New and Renewal

Did the time fly by and you just realized it's March? Final reminder

Membership dues are owed annually starting in January 2017 - \$20.00
Each additional member at same address is only \$10.00 more.

Forms are also available at meetings

Please mail this form along with a check payable to CAIOS to:

Christine Hight
46 Springline Dr.
Wellfleet, MA 02667

(Or -- return to any CAIOS Officer at meetings)

Name(s): _____

Mailing Address: _____

Telephone*: _____ Cellphone*: _____

Email**: _____

(**Use for Newsletter and any correspondence, late breaking news, faster, saves CAIOS postage and color will look better)

Newsletter preference: (Please check one) Email: _____ Snail Mail: _____

*Optional

Please advise the senior editor of any e-mail and address changes so you don't miss your newsletter and late breaking news!

Do you have a good plant? American Orchid Society Judging: Judging takes place at the Tower Hill Botanic Gardens of Worcester, 11 French Dr., Classroom C, Boylston, MA on the first Saturday of the month. Monthly program is at 10:30 a.m., plants for judging must be in place by noon. Free, just say "Orchid Judging" at gate. Bourne Bridge - Rt. 25 to I-495 N to Exit 24, I-290 West to Church St. (Northborough/ Boylston). Go Right or North 3.5 miles straight to entrance on Rt. Church St. becomes Central St. then French Dr. 1h 30 min from Cape Cod Canal. Good Restaurant or brown bag or deli sandwich at Farmstand just off Rt. 290.

Announcements: Please check the caios.org website for last minute CAIOS news. Unexpected meeting cancellation will be posted if necessary. A monthly calendar of events and meetings can now be found on our website in addition to culture sheets; last minute orchid sales and helpful hints to assist your growing. We also post information on our Facebook page, stop by and "like" us and become our "friend", then post pictures of your amazing plants!

Please e-mail webmaster@caios.org with any additions or corrections.

Please advise the senior editor of any e-mail and address changes so you don't miss your newsletter and late breaking news!

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Motto: Orchids grow Wild where CAIOS reigns