

The Calypso

Volume 43 Issue 3 May 2020

The Newsletter of the Greater Lansing Orchid Society

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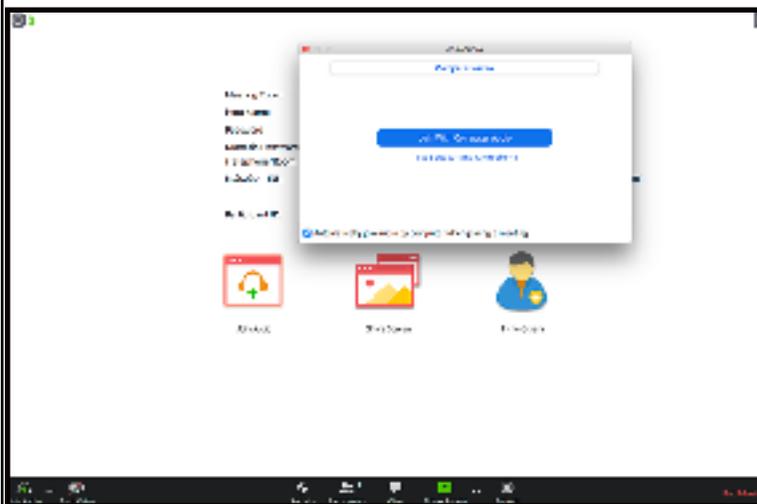
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CALYPSO DEADLINE:

July 1 for the July issue

The purposes for which the Society is organized are to create an awareness of orchid culture; to foster the preservation of native species of orchids; to support research and development of orchid culture; and to hold meetings, lectures, and exhibitions.

MAY 16 MEETING: Via Zoom



From the Editor:

2020 got off to a rough start with the snow storm cancelling our January meeting. Things looked very promising for the rest of the show season with Mother Nature cooperating for the January GVOS show in Grand Rapids and our own February Show. But then, the Coronavirus took hold, causing the rest of the show season (AAOS and MOS)

to be canceled. Because it looked like all in-person meetings would be cancelled for the foreseeable future, the GLOS Board decided to try the Zoom meeting application for both our Board meetings and our GLOS meetings. We held a "trial run" meeting a week before the scheduled April 18th meeting and then held the real thing on the 18th. Members attending seemed to enjoy the AOS presentation on "Orchid Roots." Therefore, we will be showing the sequel which is on "Orchid nutrition: taking the mystery out of feeding your orchids" by John Salventi at our May 16th Zoom meeting.

If you are cautious about joining a Zoom meeting, it is safe and secure as long as the meeting's password is not publicly known. That info will not be posted on Facebook or any public place. For our members, it is here on p.2.

If you click on the url, and haven't yet been to Zoom, it may ask you to register. You can do that using your own private information and password. That will be known to only you. Then you can attend any GLOS zoom meetings as they occur.

Finally, I'd like to call your attention to our Facebook page: https://www.facebook.com/Greater-Lansing-Orchid-Society-202834892618/?view_public_for=202834892618

I don't think you have to be a member to see what is posted there, but members can post comments and post photos, as well. Please do consider posting photos of your orchids -- you don't know how much joy you bring to other orchidists by showing off your orchids in bloom. We may also be setting up a GLOS Group page on Facebook.

Also, please see note at bottom of p.6 →

PRESIDENT'S MESSAGE -- Dawn Kittle

I hope this message finds you all well and safe from this virus. I have missed seeing all of you in person.

It is hard to believe that three years have passed already. Thanks to everyone who supported and helped me along the way. I have learned a lot. The experience has been enlightening.

Speaking of enlightening, the zoom meetings have been a blast. Who said you can't teach old dog new tricks? We took a licking but we kept on ticking. I was so impressed with the number of people participating for the zoom meeting: 19 -- great for the first time. It was a very interesting and informative presentation on orchid roots. We will be following up on nutrition at our next zoom meeting in May. Don't forget to send in your votes for the slate of officers as they will formally be announced at that meeting. Also the Orchidist of the Year and Silver Certificate recipients.

Finally, please submit pictures of your orchids in bloom on our Facebook page.

I hope to see you face-to-face soon. Thanks having faith in me.

GLOS GENERAL MEETING:

Greater Lansing Orchid Society is inviting you to a scheduled Zoom meeting.

Topic: GLOS General meeting

Time: 07:00 PM Eastern Time (US and Canada)

Every month on the Third Sat, 12 occurrence(s)

Join Zoom Meeting

<https://us04web.zoom.us/j/701683513?pwd=REQzYnpxaTZjb3p6dDNZNWxCOS8xUT09>

Meeting ID: 701 683 513

Password: 20-Orchids

One tap mobile

+19292056099,,701683513# US (New York)

Meeting ID: 701 683 513

DUES FOR 2020/21 MEMBERSHIP YEAR ARE NOW DUE - submitted by Doris Asher, Membership Chair

Since the Society's fiscal year runs from July 1 to June 30 of each year, it will soon be time to renew your membership by sending in your annual dues – \$8.00 for an individual plus an additional \$4.00 for each additional household member. For members who want to save significant dues over time, the Society offers a life membership for a one-time payment of \$80.00. Forty-one people have already taken advantage of the life membership.

Please make checks payable to GLOS and send them to Treasurer Rob Halgren, 2100 Grovenburg, Lansing, MI 48911.

Thank you for sending in your dues prior to the deadline. We do not want you to miss even one issue of The Calypso. So far, 47 households (50 individuals) have already paid their dues for the coming year; we need to hear from 36 households (44 individuals) who have not yet renewed. Please consider receiving your newsletter electronically at no cost to the Society. Or, perhaps you could make a special donation to help offset the expense of photocopying and mailing – each issue costs GLOS \$1.15 to provide in hard copy for a total cost per year of \$6.90. Help the Society keep its dues low!

(Members who have already paid for the coming year have their names highlighted in yellow on the mailing label on this issue. Such members do not need to pay at this time. If you get your Calypso electronically, Dot Barnett will let you know if you have already paid or if you still need to do so when she sends the newsletter to you.)

GLOS CALENDAR OF EVENTS

- **May 21 - GLOS General Meeting via Zoom** - Topic will be an AOS presentation on orchid nutrition,
- June 20-21 - GLJC Seminar - see page 10-11 of this issue. This takes the place of our June Meeting depending on Covid-19 status.
- **July 25 - GLOS Annual Picnic** - held at Granger Meadows, Pavilion #1. Tentative due to Covid-19 status.
- August - unknown due to Covid-19 status.
- September - unknown due to Covid-19 status.
- October - All-State Societies Meeting -- undetermined due to Covid-19 status.



MINUTES OF APRIL 18 2020 GENERAL MEETING – submitted by Ioana Sonea, Secretary

Due to the pandemic and “Stay in place” orders, the meeting was held over Zoom. Nineteen members attended (Dea and Julie Bishop shared a screen, as did Ewen and Zora Todd).

Meeting called to order at 7:03 by President Dawn Kittle.

1. Slate of officers for fiscal year 2020-2021.

Vote will be via email or USPS since we cannot be certain that we will be able to hold a physical meeting on May 16th 2020. The ballots will be emailed out by Dot Barnett shortly (members without email access will receive a letter through the post). Members will be asked to return completed ballots either via USPS or by forwarding their responses to the Secretary (Ioana Sonea; ioanamsona@gmail.com) by May 14th, 2020. Ioana will tabulate the results which will be announced at the May general meeting.

The proposed slate of officers for 2020-2021 is:

President: Pete Ostlund

Vice-President: Ioana Sonea

Treasurer: Doris Asher

Secretary: Becky Thayer

Director (2 year term): Abby Skinner

Bill Cadman is not up for re-election this year because he replaced Carol Stuht as director: his term ends in 2021.

Editor of the Calypso: Dot Barnett

2. GLOS Facebook page: members are encouraged to post photographs of their blooming plants on the GLOS Facebook page so that all members can enjoy them, given the circumstances. *

3. Moving the GLOS meeting place to the Obedience Training Club of Greater Lansing (2150 Apollo Drive, just east of the Lansing Airport) will be discussed at our first in person general meeting (May or July hopefully). Pete Ostlund explained that the OTCGL has a newly renovated building available for rent with excellent amenities and a lower rental fee (\$20 per hour of actual meeting time – our meetings would thus cost at most \$60/evening). The OTCGL building has easily-cleaned floors so potting demonstrations or snacking during presentations would not be a problem.

4. Bill Bergman donated a division of his awarded Cyripedium to serve as a fund-raiser for GLOS. At our next in person general meeting, this plant will be auctioned off to the highest bidder.

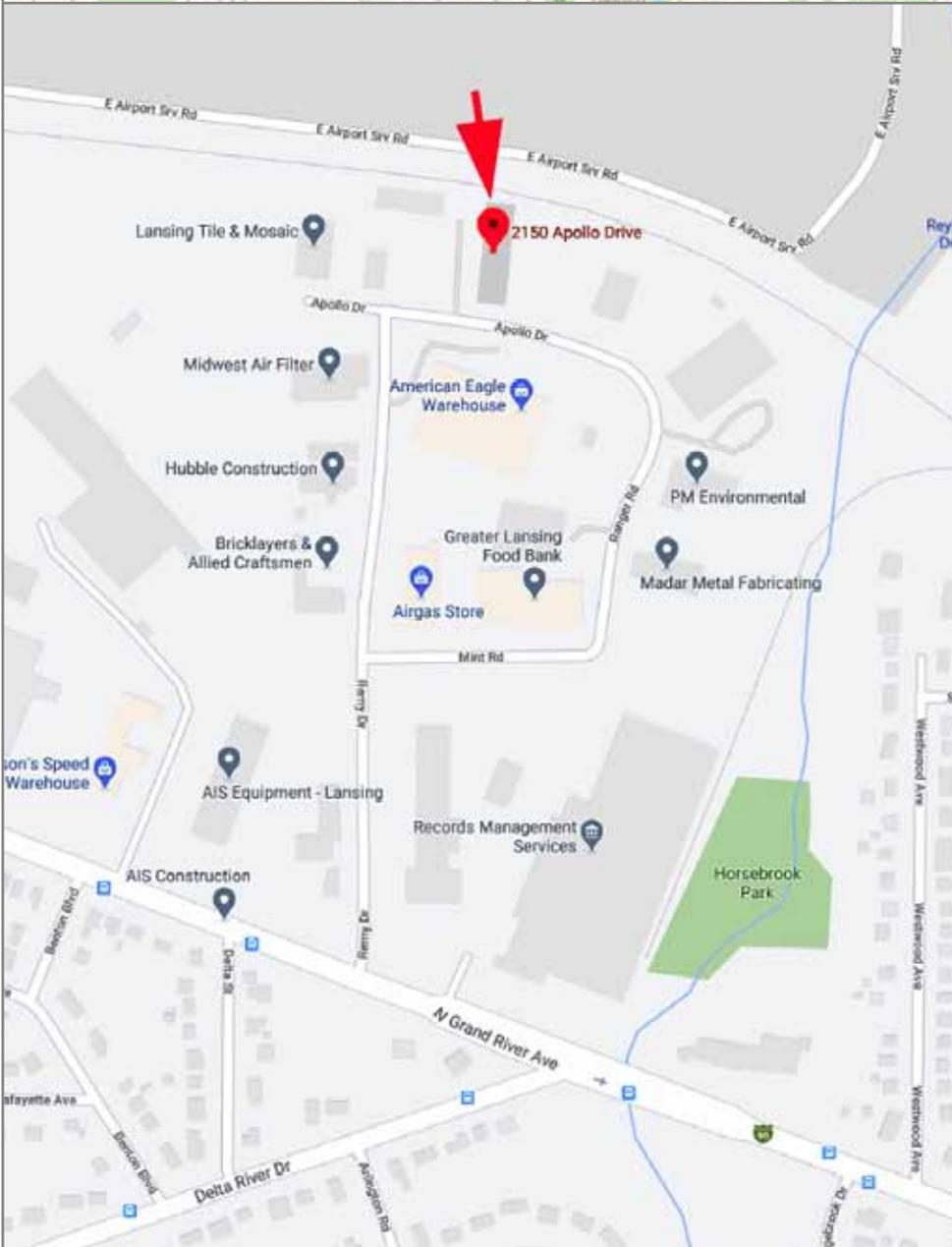
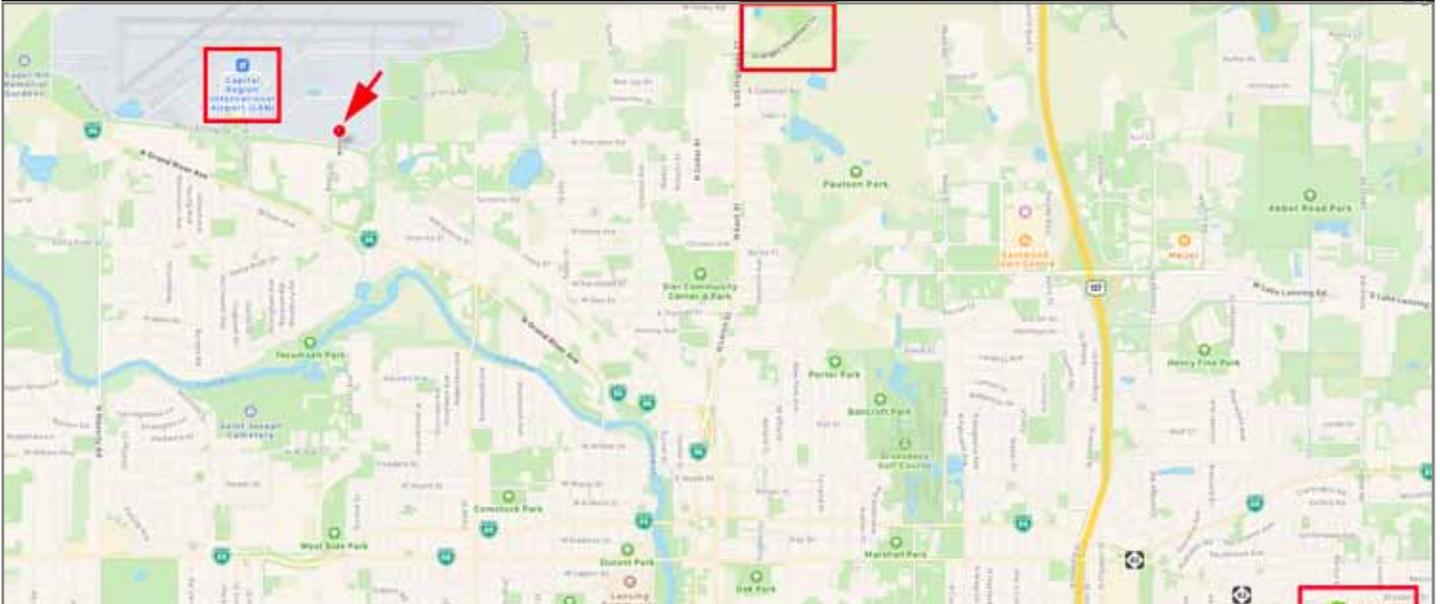
5. Upcoming meetings:

- The May 16th 2020 meeting may be held via Zoom or in person (at the Church) depending on the status of the pandemic and the Governor's orders on that date. Topic of the meeting: TBD
- There is no June meeting because many members must attend the Great Lakes Judging Center seminars on the same day as the meeting (June 20, 2020). GLOS members are encouraged to attend the GLJC seminars, which will be held at Washtenaw Community College. Judging on the other hand is normally held at the Matthaei Botanical Gardens but that is closed until August due to the pandemic.
- July 25th Annual Picnic at Granger Meadows Park. At this time, the reservation is still valid and we hope this will happen as planned.

6. Program consisted of the AOS Webinar entitled “Roots: It’s all about the roots!” broadcast via Zoom. After an initial glitch with the sound, members were able to hear and view an interesting seminar about the structure and biology of orchid roots and the importance of the velamen for water, gas and nutrient absorption. After the seminar, GLOS members were able to discuss various growing and watering methods and even show some of the blooming plants they had at home via Zoom.

The meeting was adjourned at approximately 8:30pm

*GLOS Facebook page is at: <https://www.facebook.com/Greater-Lansing-Orchid-Society-202834892618/> or go to Facebook and type in Greater Lansing Orchid Society in the search box.



FROM PETE O:

The March Calypso contained two detailed articles regarding the potential to change our meeting location and our meeting day and/or time. Because of the potential impact to the membership from these issues, the board has decided to postpone any decisions regarding these 2 issues until we can have an in-person discussion.

Please refer to the March Calypso for the detailed information regarding these topics.

These are maps of the proposed new meeting place. ((The Obedience Training Club of Greater Lansing))

Please note the key areas of the above map in red boxes with which you are probably familiar.

The OTCGL facility is marked with a red pin and arrow.

The map to the left gives a more detailed view of this area.

FROM RAY BARKELOW OF FIRST RAY'S ORCHIDS NEWSLETTER**CULTURAL NOTES****<https://firstrays.com>***Focus on Mechanical Stability*

A question that comes up every now and then is why some plants seem to need to be "pot bound" or "root bound" to grow and bloom best, when their roots wander all over the surface of host trees in nature, with no restriction whatsoever. Lots of explanations are proffered about water and nutrient gathering or air exposure, but an area that is often overlooked is that of mechanical stability.

Blooming is the plant's purpose in life - to attract a suitable pollinator, develop a capsule and scatter the seed, spreading its genes to future generations. Living precariously on the branch of a tree, a gust of wind or sudden downpour could knock it to the forest floor to die, preventing that from being fulfilled. Being certain of a firm footing is a must.

That "firm footing" comes from the extension of many long roots into the nooks and crannies of the host tree. The toolumnia photo, above, shows it doing so on a cedar slab. In a flower pot, epiphytes "reach out" to make contact with the pot wall, rather than relying on the potting medium for stability. As an aside - you'll note that a terrestrial plant fills the entire pot with roots before extending them around the root mass along the pot wall; orchids do just the opposite, and it is common to unpot a plant and find the center of the root system completely devoid of roots.

Keeping a plant stable is important when repotting or mounting it, as well. Even the tiniest movement can damage growing root tips, stopping their progress until they can form branches or be replaced by other roots. Having the medium packed firmly in the pot and/or staking the plant to prevent motion, allows those roots to steadily advance to the wall of the container and giving the plant the "sure footing" it needs to bloom freely.

How Important is Fertilizer?

If you seek the advice, you'll find a myriad of recommendations about fertilizing our plants. Each of us has his or her opinion on the best brand, formula, and how much and how often. Likewise, when someone wants better growth, the first thing they do is feed their plants. But rarely does anyone ask just "how important is fertilizer?"

We have all heard about someone's grandma, who "never" feeds her plants, and we have also met folks firmly on the opposite end of the spectrum. Both, of course, have great plants that bloom profusely, so just how important can fertilizer be?

Let's start by looking at the general makeup of an orchid:

Water is, by far, the biggest percentage of a plant, at about 90% of its total mass. The next largest fraction, at about 90% of the "dry weight", consists of carbon (C), oxygen (O), hydrogen (H) and nitrogen (N). Our plants get the first three from the air and water, and it's only the nitrogen that we provide.

The next fraction - calcium (Ca), magnesium (Mg), phosphorus (P) and potassium (K) - combine to make up less than 1% of the total mass of the plant. The final, "trace element" fraction, containing everything else, is only about 0.1% of the total. My Fertilizer Basics article tells you what each element does, so here we'll look at them differently.

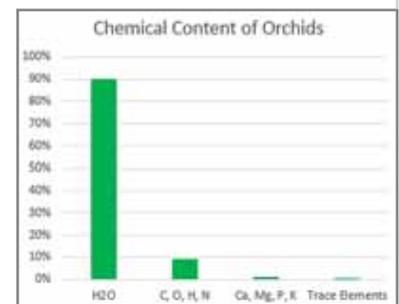
In order for any plant to gain one pound of mass, it must absorb and process about 200 pounds of water, but only about 5 grams of fertilizer nutrients. Nitrogen is, by far, the most important of those, and is the most important nutrient in any fertilizer. In nature, it comes from decomposing organic matter and nitrogen-fixing microbes. They are likely also what keeps "Grandma's plants" going, but she had better be careful watering, or that decomposing potting medium will "take out" the roots.

Plants can readily redistribute most absorbed nutrients to new growth as they are needed. Calcium is an exception, however, so it must be provided continuously. Fortunately, most water supplies contain plenty of calcium and magnesium. If they aren't present, as when using rainwater or RO, they must be provided by the grower.

So far, all of this tells me that maybe fertilizer isn't all that important. There is, however, the "limiting factor" concept to consider. By that I mean, the plants may not need much to grow and bloom well, but if anything is in short supply, it will be a "damper" that prevents the plant from doing its best.

Because of that, I think it's best to provide a good fertilizer formula in frequent, very small doses. That keeps the complete nutrient supply in the "good zone" for optimal growth and flowering.

One last thought: When it comes to feeding your plants, "more" is definitely not "better"! If you want to boost your growth and flowering, consider using KelpMax Premium Plant Growth Stimulant to kick things into high gear.



MINUTES OF THE GLOS BOARD MEETING ON APRIL 2, 2020 – submitted by Ioana Sonea, Secretary

Present: Doris Asher, Dot Barnett, Bill Cadman, Dawn Kittle, Jerrie Nichols, Pete Ostlund, Ioana Sonea, Becky Thayer

The meeting was held via Zoom due to the Governor's order to stay in place due to the COVID-19 pandemic.

Meeting called to order by President Dawn Kittle

1. No treasurer's report (Rob Halgren could not make the meeting)
2. Membership report (Doris Asher):
 - 5 new members had joined the Society at the Show: Sherry Brown of Perry, Anna Graham of Williamston, Yvette Robinson of East Lansing, Cynthia Rooker of Mulliken, and Michelle Tomasek of Durand.
 - Membership has decreased relative to last year
 - 14 households still get the Calypso by mail (the cost is partially offset by donations from many of these households), the balance get it via email.
3. 2020 GLOS show report (Pete Ostlund). Show went well, the weather was perfect, generally all were very positive about the show. Some vendors thought they had perhaps sold a little less than in past years.
 - All vendors are planning on returning in 2021.
 - Doris has ordered the ribbons needed for next year
 - Members felt that the table set up at the Meridian Farmer's Market the Saturday before the show was a worthwhile investment of time and worth repeating. Becky Thayer reported that she recognized people from the market at the show.
4. Moving away from the Church: the board discussed renting the OTCGL space for meetings and felt that there were definite advantages to that space. A full discussion needs to be held with the members at a face-to-face (not virtual) meeting before making a decision.

For April, the meeting will have to be via Zoom due to the pandemic; that may also hold for May.
5. Day and time of meeting also to be discussed with the members at a face to face meeting. Pete Ostlund's survey revealed that Saturday (afternoon or evening) and Sunday were the best days to meet, with perhaps a seasonal time change (afternoons in winter, evenings in summer). Moving meetings to the second Saturday of the month was also discussed, to avoid the perennial conflict with orchid judging at the GLJC on the third Saturday of the month.
6. Slate of officers proposed for the 2020-2021 fiscal year:
 - President: Pete Ostlund
 - Vice-President: Ioana Sonea
 - Treasurer: Doris Asher
 - Secretary: Becky Thayer
 - Director (2 year term): Abby Skinner
 - Bill Cadman replaced Carol Stuht as director: his term ends in 2021.
 - Editor of Calypso: Dot Potter Barnett

Because at this time it's not certain that the May meeting will be held face to face, ballots will be sent out by email (or by mail to those without an email address). Members will be requested to return the ballots by mail or by email to the Secretary (Ioana) by May 14th so they can be counted and the results announced at the May general meeting.
7. The Awards committee (Becky Thayer, Dawn Kittle and Mary Henman) met via email on April 1st, 2020. Nominations closed on March 31st . Rob Halgren will donate plants to be awarded. Awardees will be announced at the May meeting.
8. Discussion about the need to renew the HTTPS certificate for the GLOS website. This is a security requirement that protects GLOS and the viewer alike: the Board voted unanimously to renew the certificate.
9. The Cypridium donated by Bill Bergman is still at his house. After much discussion, the decision was made to auction it off at the next face-to-face meeting (\$ to go to GLOS).
10. Zoom meetings will be held using Ioana's private Zoom Pro account. Ioana will set up a test meeting for members to try using Zoom before the general meeting.
11. Dot will email members the details of the Zoom meetings (meeting ID, passwords etc).
12. Doris will contact the members who do not have email or computers and provide meeting notes. Note: Julie Bishop was able to attend the April general meeting thanks to Dea Bishop.

→ *During this Coronavirus "Stay Home" period, the Board will be using additional emails to keep membership involved in various orchid discussions or information.*

Although we will continue to mail hard copies of the Calypso and meeting information to members who do not have access to email, The Board regrets we will not be able to share every GLOS email communication.

CALCIUM DEPOSITS ON LEAVES - from Dot Potter Barnett

Since there are no show reports and only one general meeting report for this issue of the Calypso, this editor found herself rather short of articles to include. Someone suggested I talk about my experience with hard water deposits on my orchids, and what I'm doing to ameliorate that problem in the future.

You all know that it is important to have clean plants to place into our exhibits, and some of you can identify with having to deal with calcium deposits on your orchid leaves. Years ago, when my husband and I decided to build a greenhouse, another grower suggested I use my pond for my water source. So, thinking that would be a good source of fertilizer also (the pond had lots of fish), we laid underground pipes from the pond to the basement of our home where the water is warmed by a hot water heater, before being sent out to the greenhouse.

That water seems to have made the orchids quite happy (though I also added fertilizer). However, the hard water from the pond also laid heavy deposits of calcium on the leaves, which made me quite unhappy because removing the deposits became more and more tedious as time went on and as the plants grew more leaves. An internet friend introduced me to ultra-fine horticultural oil diluted 1:3 as a way to remove the deposits. It works very well, but is still tedious, and one must be careful to wipe off excess or the oil acts like a magnifying glass to any sunlight shining on it.

I finally said: "Enough of this!" and looked into converting my water into RO. But that would mean stopping the use of pond water and hooking up my watering system to RO made from our soft water system. After discussing my dilemma with "the Culligan man," he suggested a de-ionizer system. I could hook that up inside the greenhouse using the water from the pond, and that is what we did. This system is working very well. The down-side is that the filters have to be changed about once a month, and that is not cheap!

Meanwhile, I still have that calcium buildup from waterings past that I must remove. So in addition to all the repotting due at this time of the year, I am slowly making progress in cleaning all my leaves.



Calcium deposits on leaves



Leaves after cleaning with ultra-fine horticultural oil

ADVICE FROM RAY BARKELOW OF FIRST RAY'S ORCHIDS ON UNPACKING ORDERED PLANTS DURING CORONAVIRUS TIMES:

I recently shared the precautions I take with the products I sell to minimize the chance of spreading the virus. One subscriber asked about dealing with plants we order for delivery by mail, and whether the coronavirus can even live on plants, so I thought it wouldn't hurt to share my response.

I have no knowledge about whether the virus can live on a plant, but let's assume it can, as if an infected person coughed and sprayed the thing with droplets while packing it. I think the wise actions are as follows:

- When the package arrives, don't bring the box into your home.
- While wearing gloves, open the box, unpack the plant, and dispose of all the packaging materials.
- Set the plant aside and dispose of the gloves – I would also use hand sanitizer after that, just in case you accidentally came into contact with anything while removing the gloves.
- Mix up some liquid detergent (I like Dawn) in water and completely spray the plant and pot, wetting all surfaces. A teaspoon per gallon is plenty.
- Wait 30 seconds or more and rinse it all with plain water.
- That should do it, and we have the added bonus of having removed dirt and any insects that may have hitched a ride.

Stay healthy!

GLOS SHOW AND SALE, ART SECTION REPORT 2020 - from Carol Ann Stuht

The hallway was filled with color again this year. Although the number of exhibitors (30) and entries (51) was less than last year the variety of media and styles was terrific. We had transparent watercolor, gouache, acrylic, oil, woodcut block print, monotype print, alcohol and ink, pastel, two collages featuring numerous techniques, oriental one brushstroke, monochromatic photography, color photography, acrylic resin, stained glass and fiber art. Whew! The judges made an effort to reward many types of media. The Art Trophy was awarded to Matt Bohan for his awesome watercolor, "24 Orchids". The photography Trophy was awarded to Lynn O'Shaughnessy for her elegant color photo of "Odontoglossum Mem. Herbert Albrecht". Other exhibitors that received ribbons were as follows: John Diephouse, Jolanta Piecuch, Ed Cott, Tammy VanderMolen, Anita Saviko, Bobbi Kilty, Kathleen Melvin, Carol Callahan, Francie Dittrich, Jill Cortright, Cheryl Platt, Pamela Gleave, Maureen Ryan, Will Schultz, Grant Evans and Liam Evans (youth entries), Yvette Robinson, Pam Haxton, Tim Heath, and Sarah Evans.

Thanks to everyone who helped me put the display together, especially Bobbi Kilty, picture hanger extraordinaire, and Lynn O'Shaughnessy for the generous loan of her black backdrops.

Our judges, who have loyally appeared in the dark, in rain, and snow to freely give their time and talent to our society deserve our heartfelt thanks. The judges were: Michelle Word, Christine Waugh-Fleischmann, Judith Morrigan and Dorothy Barnett.

Also, two pictures, a collage by Susan Brandenburg, and an oriental brushstroke by Francie Dittrich were sold, earning a 10% commission for the society. Congratulations artists!

Photography time on Sunday morning was very well attended with both returning and first-time photographers.

Please, if you are a budding artist or photographer, consider entering our 2021 show. We pride ourselves on encouraging artists and photographers to grow and experiment with their talent.

Thank you!

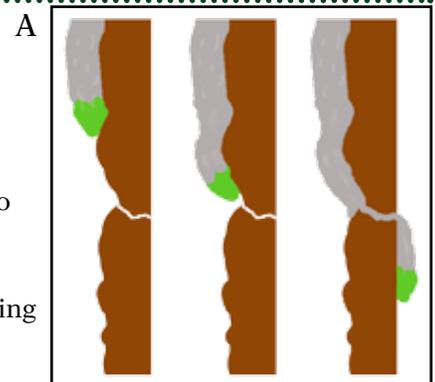
Carol Ann Stuht, Chair - Orchids in Art Section

CULTURAL NOTES - from Ray Barkelow continued from p.5

How Roots Grow

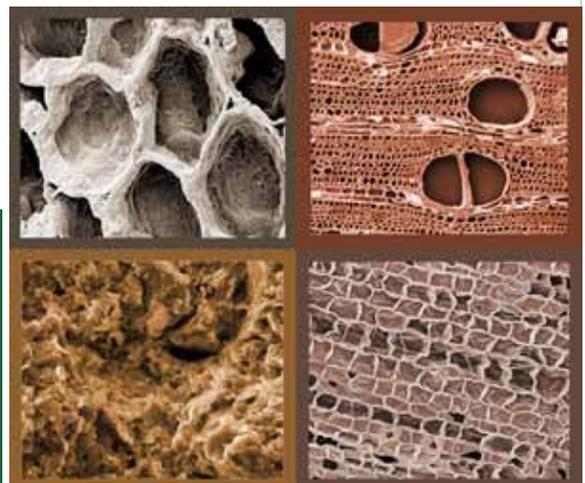
Did you ever wonder how an orchid's roots can travel right through a seemingly solid cork mount, aren't bothered at all by the abrasive surface of bark chips or clay aggregates, or how they attach themselves so well to flower pots and slabs, no matter how smooth they may be?

The answer lies in the fact that the roots don't "move" at all, but grow and fill in spaces on the contour of the surface with newly-created root cells instead, extending the length and girth of the root as it goes. The following graphic (A) is a crude depiction of the process.



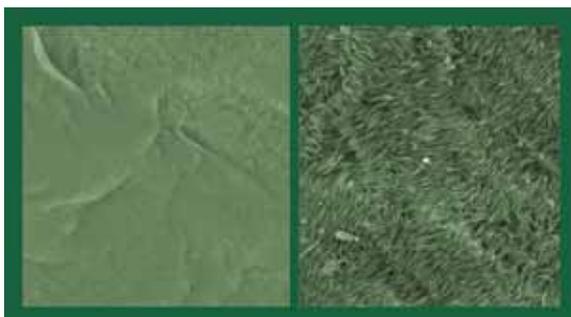
Orchid roots cling to surfaces by matching the contours of the surface they are in contact with, and that can be quite extensive. Below are some scanning electron micrographs of common substrate materials. Clockwise (B) from top-left: bark, cedar slab, cork, terra cotta flower pot:

By having cells grow into those many ridges, valleys and crevices, the orchid gets a pretty sturdy "grip" on the substrate to secure itself. Even plastic flower pots, as smooth as they are, provide some texture for the cells to "grab". The image below (C) shows a plastic flower pot surface as-molded on the left, and after aging a few months in the greenhouse, on the right.



Until next time...
Good Growing!

C



B

MAY FOCUS: COPING WITH CORONAVIRUS ISOLATION

There is no doubt that many people have been affected by the social isolation of the coronavirus quarantine. Orchid shows and sales have been cancelled left and right. American Orchid Society official monthly judging has been cancelled.

AOS CORNER

So how do we stay connected in a disconnected world?

Some societies have abandoned their monthly meetings entirely and will make a decision to meet again when stay-at-home orders are lifted. Others have gotten creative with on line meetings, highlighting and discussing their monthly bloom table, with photo entries submitted by membership, using different platforms like Zoom, Go To Meeting or similar programs.

There has been an increase in contributions to society newsletters, and more frequent updates on Facebook pages and club websites. Most societies agree that it is critical to maintain a sense of belonging at this time of social disconnect.

The American Orchid Society is doing their part to engage members and non-members alike.

The American Orchid Society opened up all AOS webinars to non-members through the month of April. The goal was to connect non-AOS members with the AOS and ultimately, with our Affiliated Societies through new memberships.

FOR YOUR SOCIETY MEMBERS

Until we meet in person again - Orchid lovers everywhere will find ways to get their shot of orchid adrenaline.

What else can we do while we wait this out? Spend intimate time with our orchid collection. Enjoy the proliferation of blooms this time of year brings. Share your blooms on Instagram, Facebook and your society websites.

Remember to check in with us on Facebook and Instagram!

<https://www.facebook.com/groups/AffiliatedSocietiesOfTheAOS/>

<https://instagram.com/americanorchidsociety?igshid=16ixfciczky01>

<https://www.facebook.com/groups/52597049839/>

What else can we do while we wait this out? Support orchid vendors with mail order purchases and gift card purchases, if offered. We want to see them come through all of this to keep us happy in our passion for orchids. The Orchid Source Directory is a good place to start. <http://www.aos.org/orchids/orchid-source-directory.aspx>

What else can we do while we wait this out? Increase our knowledge. A new shipment of The American Orchid Society Guide to Orchids and their Culture has arrived at headquarters. Though access to our offices at Fairchild Tropical Botanic Garden is limited at this time, and shipping is delayed, this is the perfect time to order a copy of this publication. Bulk discounts apply. <https://secure.aos.org/Products/353-the-american-orchid-society-guide-to-orchids-and-their-culture.aspx>

What else can we do while we wait this out? Comb through the AOS website . Contained therein is more information that anyone can digest at one sitting. Choose from a multitude of drop down menus for early dining. Have questions? Here are some answers. <http://www.aos.org/orchids/orchids-question-answer.aspx>
<http://www.aos.org/orchids/orchids-a-to-z.aspx>

What else can we do while we wait this out? Read orchid tales. There are a few good orchid themed books to distract you. I suggest *The Scent of Scandal: Greed, Betrayal and the World's Most Beautiful Orchid*, written by an author local to my area, Craig Pittman. It is a story about the discovery of *Phragmipedium kovachii*. Another engaging read might be *Deadly Slipper: A Novel of Death on the Dordogne* (one in a series of four) by Michelle Wan. There is always *The Orchid Thief: A True Story of Beauty and Obsession* by Susan Orlean, and *Orchid Fever: A Horticultural Tale of Love, Lust and Lunacy*, by Eric Hansen. For a little orchid history and the obsessive hold orchids have over us, you might consider *Orchid: A Cultural History* by Jim Endersby.



EDUCATIONAL ORCHID SEMINAR IN ANN ARBOR - from Doris Asher

If the coronavirus pandemic permits, the Great Lakes Judging Center is sponsoring an education seminar on the Cypripedium Alliance of orchids at Washtenaw Community College (Morris J. Lawrence Building, 4800 East Huron River Dr., Ann Arbor 48108), Saturday and Sunday, June 20-21, 2020. The Cypripedium Alliance encompasses the genera of Paphiopedilum, Phragmipedium, Cypripedium, Mexipedium and Selenipedium. Ordinarily, June 20th would be a conflict between our regular GLOS meeting and the

Seminar. However, this year the GLOS Board has decided to invite all GLOS members to attend this meeting in Ann Arbor in lieu of a meeting in Okemos.

On Saturday, there will be AOS judging at 1:00 p.m. with speakers beginning about 3:30 depending on when judging is complete. Attendees can take advantage of a delicious catered supper on Saturday for \$20 payable in advance; the evening continues until about 9:00 p.m. with auctions, orchid sales and more talks. The Judging Center welcomes auction items – we need your donations by 12:30 Saturday.

On Sunday, June 21st, things get under way at 8:30 a.m. with a complimentary breakfast provided by the judges; lectures interspersed with auctions and orchid sales run from 9:00 a.m. to 1:00 p.m.

There will be orchid sales by our featured speakers on both Saturday and Sunday, presuming speaker travel departures don't get in the way. Actual schedules as they change can be found on our website (www.gljc.org).

People are welcome to attend one day or both or part of one day.

There is no admission fee, but we do request that you register your intent to attend to allow us to provide enough refreshments and enough seating. You may indicate your desire to eat the Saturday evening dinner with us – cost \$20. Cash or checks made payable to GLJC. Registrar: Doris Asher, asherdoris44@gmail.com; send checks to Doris at 277 N Hagadorn Road, East Lansing MI 48823; you may also register via our website: www.gljc.org and pay via PayPal with your credit card.

Join us!

ABOUT OUR SPEAKERS

Bill Goldner Woodstream Orchids

Bill is known as one of finest Phragmipedium breeders in the world providing many new directions in Phrag breeding over the years. He is also one of the organizers of the annual Paph Forum in Washington, DC for years. He is also an accredited AOS judge.

Hadley Cash Marriott Orchids

Hadley has been breeding complex Paphiopedilums for many decades. He is well-known in the orchid community for his pioneer efforts in breeding world-quality, extremely large and colorful Paphs.

Wayne Roberts Roberts Flower Supply

Wayne has been cultivating and selling hardy Cypripediums for almost forty years. He continues to have a wide variety of hardy Cyps and mix to plant them as well as other native orchids available to the orchid public.

Deb Boersma GLJC

Deb joined the AOS judging system in 2020. She has been active for many years with the Windsor Orchid Society, serving as President as well as Show Chairman.

Mark Whelan Toronto JC

Mark is an Associate Judge with the AOS.

Mei Ling Clemens GLJC

Mei Ling joined the AOS judging program in 2020. She has been active in her local society in Grand Rapids, MI, serving as Show Chair for the past 10 years.

Note: The Judging Center is planning on making a decision about having this meeting or not by May 3rd. For information about the Seminar's status after May 3rd, please contact Doris Asher: asherdoris44@gmail.com or 517-332-0004.



Littlefrog Farm
 Rob Halgren, PhD
 PO Box 26
 Holt, MI 48842
<http://littlefrogfarm.com>
rob@littlefrogfarm.com

Jump into Orchids!



Phalaropa

Chris Steele
chris@phalaropa.com



NEW
 DIY materials - Make your own Poly Mounts
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GLOS Web Site:
<https://greaterlansingorchidsociety.com>

Facebook
<https://www.facebook.com/Greater-Lansing-Orchid-Society-202834892618/>

Schedule:

The Great Lakes Judging Center
 Annual Educational Seminar
 Washtenaw Community College Ann Arbor, MI 48108
 June 20-21, 2020

The Cypripedium Alliance, Day 1 Saturday, June 20

Light lunch provided 12:00

AOS Judging 1:00

Sales open after judging ~3:00

Sale tables provided by Roberts Flower Supply, Woodstream Orchids and Marriott Orchids

Wayne Roberts:

"Growing and Cultivating Cypripediums in the Northeast" 3:15

Mark Whelan:

"Paphiopedilum lowii and Its Hybrids" 4:15

Dinner/Auction/Sales 5:15-6:30

Hadley Cash:

To Be Determined 6:30

Auction & Sales till 8 pm

Sunday, June 21

Breakfast 8:30 am

Please arrive by 9:00 for the program!

Deb Boersma:

"Tiny Slippers" 9:00

Bill Goldner:

"Trends in Phragmipedium Breeding" 9:45

Sales Break 10:45 – 11:00

Mei Ling Clemens:

"TBD" 11:00

Sales & Closing: We must be out by 1:00!

Thanks for your support!

GLJC

*Our
 October
 All-State
 Societies
 meeting
 with
 Alexander
 Hirtz from
 Quito,
 Ecuador
 will either
 be here as
 scheduled,
 or on
 Zoom,
 depending
 on the
 status
 of the
 Covid-19
 virus.*



The End Page

Greater Lansing Orchid Society - Membership Form

Date _____

Membership Categories: Individual (8.00) Joint (\$8.00 plus \$4.00 for each additional member) Life (\$80.00)
 Renewal New Membership Check # _____ Cash (DUES ARE NON-REFUNDABLE)

Dues are payable in May for the membership which begins July 1st.

Name(s) _____

Address _____

City _____ State: _____ ZIP: _____

Telephone(_____) _____ E-mail: _____

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Please submit this form with your check (payable to GLOS) to Rob Halgren, 2100 Grovenburg, Lansing, MI 48911

