

The Calypso

Volume 47 Issue 6 Nov 2024

The Newsletter of the Greater Lansing Orchid Society

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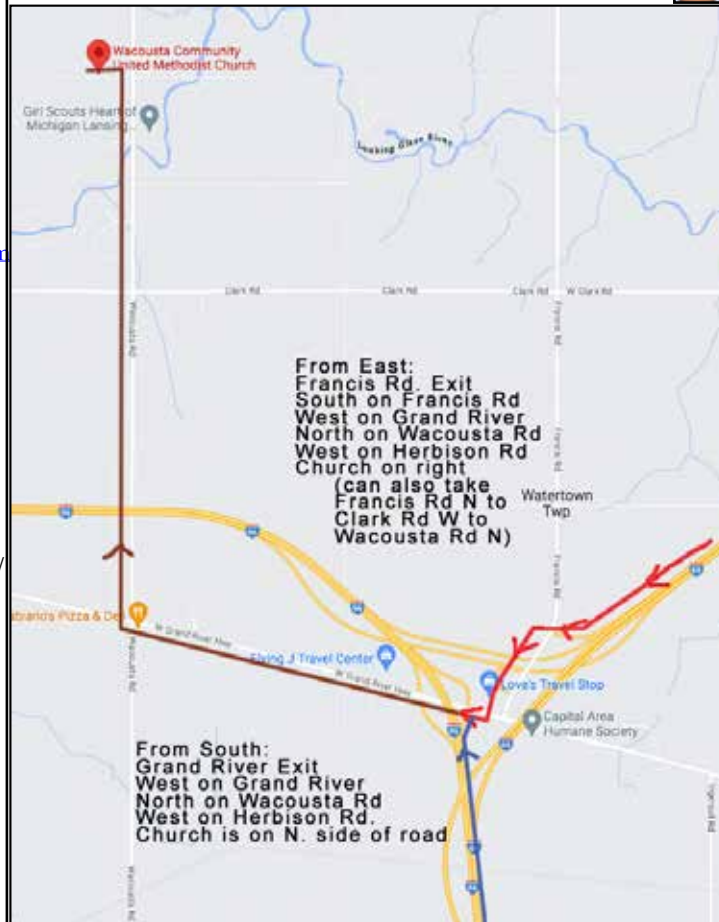
CALYPSO DEADLINE:

Dec 21 for the Jan '25 issue

NOVEMBER 9 MEETING: In-Person at 2:00 p.m.

Wacousta Community United Methodist Church, at 9180 Herbison Rd., Eagle

GLOS Member, Jill Wood, will be our speaker for our November meeting. Jill will talk with us about cool-growing orchids. If you struggle with growing orchids because your growing environment is a bit on the cool side, or you aren't sure what a cool-growing orchid is or the care they need, do not miss this meeting!



Doors open at 1:30 p.m. for:

- Plant shopping
- Experienced Society members will be available to answer questions and help problem solve orchid growing issues
- Please have refreshments in place prior to start of meeting.

Meeting will start promptly at 2:00 pm

No Vendor sales, so bring your unwanted plants for the raffle or silent auction.

PRESIDENT'S MESSAGE -- November 2024 -- Jerrie Nichols

Hey Everyone,

As we welcome November and our last meeting of the year, I'm at a loss as to where this year has gone. The phrase "it seems like just yesterday" is a tired cliché but appropriate. In all the turmoil of this year, with brutal weather, elections, and all the constant bombardment of mind-numbing news, the orchids continue their typical fall lives. The phals are growing flower spikes. The cattleyas are blooming and sprouting new roots. The oncidiums need repotting. And the neofinetias just stare at me. They are worse than cats. In any case, the orchids provide a point of stability which is greatly appreciated.

We do have a couple of events this month to look forward to and which are highlighted in greater detail elsewhere in this newsletter. Jill will be our upcoming speaker sharing tips on handling cool growing orchids on November 9th. The Ann Arbor Orchid Society is having their show (Festival) November 16th and 17th. GLOS will be setting up a display so I hope you can come down and enjoy the show.

We have several events at Van Attas. Remember that our 2025 show will be at Van Attas. They have several upcoming customer events where we will have an information table talking about orchids and our upcoming show. The first is Girl's Night in the Greenhouse November 21, 6-8pm, followed by the Holiday Open House November 23 and 24th, 11-4pm. I hope to pick up some Christmas presents here. Yes I have said the dreaded words "Christmas" and presents". Not sure what to expect, but it should be fun.

Wishing you all a warm and joyful November!

Thanks to Michele Bridges, Christine Granger, Ioana Sonea, and Becky Thayer for the treats at our October meeting. Christine Granger, Marilyn Porter, Ioana Sonea, and Barb Wilcox volunteered to bring refreshments to our November meeting

USED ORCHID BOOKS/PERIODICALS WANTED

Do you have some orchid books or orchid periodicals that you no longer want? For several years now at our Orchid Show, we have sold numerous used books donated by various Society members. Visitors to the Show snap them up very quickly and, because the items are donated, the Society makes 100% profit. We use the orchid magazines as free giveaways to Show visitors to encourage their joining our Society.



Because this service is so popular, we would like to offer inexpensive, used orchid books again at this February's Show. Since GLOS is an IRS not-for-profit 501(c) 3 organization, you may deduct the value of the books and magazines you give us. The Treasurer will be happy to provide you a receipt for your gift.

Please consider giving such items at this November meeting to Doris Asher, who will hand them on to the volunteers at our Show's Information Table.

Doris Asher
asherdoris44@gmail.com
 517-332-0004

GLOS CALENDAR OF EVENTS

- November 9 @ 2:00 - Jill Wood will speak about small, cool-growing orchids
- November 15-17 - AAOS Ann Arbor Orchid Festival
- January 11, 2025 – to be determined – Jerrie is looking for a speaker on Zoom due to January weather
- January 25-26, 2025 - GVOS Show
- February 1-2, 2025 - Three Rivers Orchid Society Show
- February 22-23, 2025 - GLOS Show at VanAttas
- March 8, 2025 – Dennis Steinbeck of Flask and Flora. He will be selling plants
- April 12, 2025 – Jeanne Rhinehart will speak on Great Lakes native orchids. No plant sales.
- May 10, 2025 – Deb Boersma, a judge with the Great Lakes Judging Center. A travelogue. No plant sales
- July 12, 2025 -- GLOS Picnic (unconfirmed)
- August 9, 2025 – Lynn O'Shaughnessy will speak on cell phone photography of orchids. No plant sales
- September 13, 2025 – Tim Culbertson will speak on Laelia purpurata. Will be selling plants



GREATER LANSING ORCHID SOCIETY MEMBERSHIP MEETING MINUTES, September 21, 2024

President Jerrie Nichols called the meeting to order at 6:05 p.m. with about twenty people present and an additional three people participating via Zoom.

Doris introduced two visitors: Daniel Greiner and Eileen Madison, David Madison's wife. She gave both of them a complimentary raffle ticket.

Doris explained how our raffle and silent auction work and invited everyone to participate in both fundraising activities.

Jerrie thanked the members who provided refreshments – Marge Barkman, Christine Granger, and Ioana Sonea. When she called for people to provide the refreshments for our October 12th meeting, Michele Bridges, Christine Granger, Ioana Sonea, and Becky Thayer volunteered.

Updates:

1. GLOS Show February 22-23, 2025
 - a. Since Pete Ostlund could not attend the meeting, Jerrie gave his report on vendors for the Show. He has 30 tables for vendor sales (the most we have had at MSU was 24!). Vendors returning from last year are Anything Orchids, Bill Cadman/Pete Ostlund, Ecuagenera, Littlefrog, Mei Ling's Creations, MyaardMade, Natts, New World and Windswept in Time. Oakwood Orchids cannot come for this Show; Suphattra's Clay Flowers is returning; and new vendors for us are Dr. Bill's Orchids (Illinois) and Flask and Flora (Ohio).
 - b. Dot announced that the new postcards advertising the Show are here. She urged members to take a supply. Michele Bridges took a large packet to take to Van Atta's. Doris will store the supply and invited members to contact her if they would like to pick some up. Doris will bring the cards to each of our meetings between now and the Show.
 - c. Jill Wood, participating via Zoom, reminded people that GLOS will have an information table at two events at Van Atta's in November: Thursday the 21st, 6 – 8 pm – Van Atta's Girls' Night at the Green-house; Saturday & Sunday, November 23rd and 24th 11 am – 4 pm – Van Atta's Holiday Open House. Jill has a roster of who is staffing the table at what times and will get that information out closer to the event.
2. Meeting on October 12th – 2 pm; Rob Halgren on growing under lights
3. Meeting on November 9th – 2 pm; Jill Wood will speak about small, cool-growing orchids
4. Show on November 16-17 – Ann Arbor Orchid Society Orchid Festival at Matthaei Botanical Garden; GLOS will be exhibiting. More information will be forthcoming

Show and Tell Table: Bill Cadman, Daniel Greiner, and Becky Thayer brought in orchids in bloom. Each showed us his or her plants and gave us information on each.

Program: At this point, Jerrie introduced our speaker Norman Fang from Norman's Orchids in Montclair, CA, who gave an excellent program on the thousands of Phalaenopsis displayed at this year's World Orchid Conference in Tainan, Taiwan. The Phals and Norman's pictures of them were fabulous. GLOS shared Norman with the Ann Arbor Orchid Society, Michigan Orchid Society and the Great Lakes Judging Center.

After the program, we enjoyed refreshments until it was time to settle up the silent auction purchases. Doris and Teresa took care of the silent auction purchases, and then Teresa called out the winning raffle numbers. Members went home with numerous orchids.

Adjournment: The meeting broke up at about 8:10.

Respectfully submitted,
Doris H. Asher, Secretary



Daniel



Bill C.



GREATER LANSING ORCHID SOCIETY BOARD MEETING MINUTES, October 7, 2024

President Jerrie Nichols called the Zoom meeting to order at 7 p.m. with the following people present: Doris Asher, Dot Barnett, Michele Bridges, Bill Cadman, Teresa Fowle, Dawn Kittle, Pete Ostlund, Jolanta Piecuch, Ioana Sonea, and Jill Wood.

Treasurer's Report: Treasurer Teresa Fowle reported on finances occurring since our Board meeting of August 5th. The Society's total assets are \$22,012.

Teresa reported she has \$3,463 in the Credit Union's savings account. Doris pointed out to her that that account pays virtually no interest (0.05% as of October 7th). Doris recommended that Teresa buy either a CD with the cash or open an IMMA (Insured Money Management Account), which was paying 1.2% as of October 7th – the rate depends on the amount one has in the account. Given that we may have substantial expenses for our upcoming Show, the consensus among the group was that an IMMA is the better approach for now. Teresa indicated that she would set that up.

In response to a question from Doris, Teresa reported that she has filed the required tax return for the year ending on June 30, 2024 – required by the IRS to maintain our tax-exempt status as a 501(c)(3) charity.

Teresa detailed the Society's various sources of income during the period as well as our expenses. One of the payments was the \$400 we owe the Church for our meetings for the upcoming year.

Membership Committee Report: Doris presented the Committee's report – GLOS currently has 105 members in 93 households. Most GLOS members (87%) receive their newsletters via email – Doris copies and mails only 12 paper copies. Dot and Doris are in the process of finalizing an updated membership roster which will include all of our new members and remove the ten members who have not renewed for the 2024-2025 membership year which began on July 1st.

GLOS 2025 Show:

1. Dawn indicated that we will try to line up people who can provide security for the sales tables during the Saturday morning judging. Ioana plans to add this need to SignUpGenius.
2. Jolanta requested \$300 to buy orchid flowers for the people making orchid designs for the Orchids in Use area. If the flowers cost less than \$300, she will spend less. Pete moved that we approve this; Jerrie seconded the motion, which passed unanimously.
3. The Board continued its discussion of providing a credit option for sales at the Information Table, for Art, etc. Dawn has done some preliminary research on getting Square Credit. Bill had some information on the technology we might need to make this work. An alternative means would be to sell things via Venmo. We need to do more research on this question.
4. Pete is in possession of the black cloth that the Saginaw Valley Orchid Society used to use at their shows. He will purchase the additional PVC pipes needed to hang the material. We now have more than enough backdrops to cover our needs.
5. Dawn reported that Lisa from Van Atta's would like us to have a "run through" in January of everything needed at our Show. The Board agreed that this is an excellent idea.
6. Bill Cadman agreed to chair the GLOS display at the Show and requested \$300 for his 75 sq ft display. Dot moved that we approve the expenditure; Jerrie seconded, and the motion passed.
7. To facilitate good communication, Dot will add Lisa from Van Atta's to the distribution of the Calypso from now until the issue following the Show.
8. Publicity -- Jill discussed GLOS' involvement in two Van Atta events – Girls Night at the Greenhouse, November 21st from 6 – 8 pm. She suggested we should have some orchids in bloom, our publicity postcards and membership forms available at each session. The next event is Van Atta's Holiday Open House on November 23rd and 24th from 11 am – 4 pm on each day. Although Jill has some volunteers – she hopes to add more at our upcoming October 12th meeting. Pete has begun the process of having publicity on Facebook. Ioana will place notices of the Show in various print media.
9. Van Atta's would like to have a table for nonmembers to display their orchids and have them judged for ribbons, etc. Pete will add a table for this purpose – similar to what is commonly thought of as an overflow table. Doris will help these plant owners get their orchids entered.
10. Doris reported that she has secured sponsors for all nineteen of the Show's trophies – a fantastic response! That list of sponsors will run in the November Calypso.

GREATER LANSING ORCHID SOCIETY BOARD MEETING MINUTES, con't from p4

Picnic: Dot needs a date for the 2025 Picnic and Plant Sale. The two best dates appeared to be Saturday, July 12th, and Saturday, July 26th. Dot will contact Mike Underwood to see if he can be our auctioneer on either of those two days. Then in early January, she will request the date with the DeWitt Township Parks Department.

Budget for 2024-2025: Several members offered suggestions for improvement in the draft budget published in the September Calypso. Jerrie will revise the document and send it out to the Board for approval – the final budget to be published in the November newsletter.

Upcoming October 12th Meeting:

The meeting begins at 2 pm – Rob Halgren is speaking on the latest in plant LED lights. Jerrie will inquire of Rob if he is bringing plants to sell – Dot would like to have that information for the email she will send out in the next day or two. Teresa cannot attend either the October nor the November meeting due to her job. Jerrie has the refreshment supplies in her car and will make them available for our refreshment volunteers. Doris will cover the basic Treasurer responsibilities.

Upcoming Meetings:

1. November 9th at 2 pm – Jill Wood speaking on cool-growing orchids
2. January 11, 2025 – to be determined – Jerrie is looking for a speaker on Zoom as the January weather can be a problem. She is interested in offering a program on pests and diseases.
3. March 8, 2025 – Dennis Steinbeck of Flask and Flora. He will be selling plants.
4. April 12, 2025 – Jeanne Rhinehart will speak on Great Lakes native orchids. No plant sales.
5. May 10, 2025 – Deb Boersma, a judge with the Great Lakes Judging Center. A travel log. No plant sales
6. August 9, 2025 – Lynn O'Shaughnessy will speak on cell phone photography of orchids. No plant sales
7. September 13, 2025 – Tim Culbertson will speak on Laelia purpurata. Will be selling plants
8. October 11, 2025 – to be determined
9. November 8, 2025 – to be determined

Michele suggested a basic program on growing orchids – why won't my orchid grow? Why won't it bloom? Etc., etc.

Next Board Meeting: The Board's next meeting will be on Monday, December 2nd, at 7 p.m. via Zoom.

The meeting adjourned at 8:10 p.m.

Respectfully submitted,
Doris Asher, Secretary

GLOS MEMBERSHIP

Our GLOS numbers stand now as follows: as of September 26th -- 105 members in 93 households. At this same time last year, we had 94 members in 85 households. The membership year ended June 30, 2024. We need to receive renewals from ten members. Sadly, per our Bylaws, these members will not receive any more Society newsletters or other mailings. Members in arrears are welcome to renew at any time and will be reinstated immediately!

We have 54 people who are Life Members (51.4% of the membership.) These numbers are included in the current membership numbers detailed above. Life Memberships are still available – Life Membership dues are \$80 for individuals, \$120 for two living in the same household.

Total Households (including Life Members): 93

Households getting paper copies: 12 (12.9%).

Households getting Calypso electronically: 81 (87.1%)

Calypso costs us:

Copying: \$.60 each x 6 issues = \$3.60/year

Copying plus postage: + \$.68 stamp = \$1.28 each x 6 issues = \$7.68/household/year

Twelve households get paper copies: \$92.16 annually. This annual amount is often completely covered by donations that some "paper members" contribute (requested on dues form). Thank you very much to these donors.

Doris Asher, Membership Committee

GLOS MEMBERS SHOW THEIR GENEROSITY – 2024 SHOW TROPHY SPONSORS

Once again, Society members came through, underwriting all nineteen of the trophies for our Show this February! The trophies will be prepared by Larry Galdes and Mei Ling Clemens.

Sponsors can save themselves expensive postage by paying me in person at our November or January meetings. A check or cash is equally welcome – the cost is \$25.00. Checks payable to GLOS may also be mailed to me at 277 N. Hagadorn Road, East Lansing, MI 48823.

Thank you, donors, very much.

This year's sponsors are:

Trophy	Sponsor
<i>Exhibits, Open</i>	<i>Pete Ostlund</i>
<i>Exhibits, Society</i>	<i>Pete Porciello</i>
<i>Exhibits, Amateur</i>	<i>Anonymous GLOS Members</i>
<i>Julie Bishop Memorial (Cattleya Alliance)</i>	<i>Dea Bishop</i>
<i>Paphiopedilum Species</i>	<i>Don & Jane Farrelly</i>
<i>Paphiopedilum Hybrids</i>	<i>Bill Cadman</i>
<i>Phragmipedium, Cypripedium</i>	<i>Dot Potter Barnett</i>
<i>Phalaenopsis</i>	<i>Dea Bishop</i>
<i>Vanda</i>	<i>Diane Zoellner</i>
<i>Brassia and Miltonia</i>	<i>Mary Henman</i>
<i>Oncidium Alliance</i>	<i>Sally Heinlein</i>
<i>Cymbidium Alliance</i>	<i>Dawn Kittle (In Memory of Sherwin Kittle; in Memory of Betty Jane Harvey)</i>
<i>Dendrobium Alliance</i>	<i>Michael Henderson</i>
<i>Pleurothallid Alliance</i>	<i>Lynn O'Shaughnessy</i>
<i>Alex Challis Memorial (Miscellaneous Genera)</i>	<i>Littlefrog Farm</i>
<i>Specimen Plant</i>	<i>Jerrie Nichols</i>
<i>Art (Excluding Photography)</i>	<i>Dottie Winter</i>
<i>Photography</i>	<i>Carol Ann Stuht</i>
<i>Don and Kris Garling Memorial - Best of Show</i>	<i>New World Orchids</i>
<i>AOS Show Trophy – Outstanding Exhibit</i>	<i>Greater Lansing Orchid Society</i>

FROM THE ARCHIVES

If you had to guess which member is our only remaining charter member (one who joined in the first year of the organization), whom would you choose? The answer to that question is your Secretary, Doris Asher.

Jack Brechtelsbauer founded the Greater Lansing Orchid Society in May, 1977 – a group of orchid enthusiasts met at the Capitol Federal Savings Bank at 2119 Hamilton Road in Okemos (now the Independent Bank). People including George Dodge, Margo Stoughton, Ann Reimer, and Peter and Miep Fleuren attended that meeting and became the first Board of the Society. (The Fleurens were the owners at that time of the Williamston Greenhouse and Florist, which is still in operation – located at 1448 W. Grand River Avenue in Williamston.)

Doris Asher and her husband Jim joined GLOS in the fall of that founding year when Steve Bromley was speaking on the MSU orchid collection.

Doris' membership has never lapsed, and she began serving on the Society Board as a Director in 1979 when Richard Snider was the President and the Society met on the 3rd floor of the MSU Museum among the animal heads preserved by taxidermy.

Since that time Doris has held every position on the Board including fourteen years as the Society Treasurer. Does anyone remember that she was the Editor of the Newsletter (1991-1993, 1995, and 1996)? In some of those five years, Doris was also the Society Secretary or the Society Treasurer.

GREATER LANSING ORCHID SOCIETY MEMBERSHIP MEETING MINUTES, October 12, 2024

President Jerrie Nichols called the meeting to order at 2:12 p.m. with about twenty-two people present and an additional person participating via Zoom.

Although there were no visitors at the meeting, Doris was pleased to introduce long-time member Bill Bergman who lives in Wacousta and often sends spectacular orchids to our displays. Bill reported that this meeting location is much easier for him than our meeting places in Okemos. Doris told the membership how the raffle and our silent auction work – both tables had a good number of plants

Jerrie thanked the members who provided refreshments – Michele Bridges, Christine Granger, Ioana Sonea, and Becky Thayer.. When she called for people to provide refreshments for our November 9th meeting, Christine Granger, Marilyn Porter, Ioana Sonea, and Barb Wilcox volunteered. Because Teresa Fowle can attend neither the October nor the November meeting due to requirements of her job, Jerrie is in need of someone to bring the supplies we need for refreshments. As Christine is bringing refreshments, she agreed to take care of the supplies, too.

Pete Ostlund surprised Doris with a beautiful 80th birthday cake! After Doris showed the cake to everyone, it went into the kitchen to be carved up for all to enjoy. (Doris' birthday is on the 18th.)*Updates:*



1. GLOS Show February 22-23, 2025

- a. Pete Ostlund reported on vendors for the Show. He has 30 tables for vendor sales (the most we have had at MSU was 24!). Twelve vendors include these from last year: Anything Orchids, Bill Cadman/Pete Ostlund, Ecuagenera, Littlefrog, Mei Ling's Creations, MyaardMade, Natts, New World and Windswept in Time. Oakwood Orchids cannot come this time; Suphattra's Clay Flowers is returning; and new vendors for us are Dr. Bill's Orchids (Illinois) and Flask and Flora (Ohio).
- b. Because Van Atta's is a new location for us, everything will be different from what we are accustomed to. Van Atta's has told us we are welcome to set up Thursday afternoon – helpful for some of us; those who are still working will need to do their part in the evening.
- c. Because of instances of shoplifting at previous shows, Pete is urging Jill and Ioana to line up volunteers to provide security for the vendor area both during judging and also throughout the hours of the Show.
- d. Van Atta's would like us to come for a "dry run" in January – we will set that up. An ideal opportunity to get our last-minute questions answered.
- e. Doris announced that she has brought the new postcards advertising the Show and urged members to take a supply. Marge Barkman took a large supply to the public library, and all of them were picked up! She is going to give the Library some more. Doris will store the supply and invited members to contact her if they would like to pick some up. Doris will bring the cards to each of our meetings between now and the Show.
- f. Jill Wood reminded people that GLOS will have an information table at two events at Van Atta's in November: Thursday the 21st, 6 – 8 pm – Van Atta's Girls' Night at the Greenhouse; Saturday & Sunday, November 23rd and 24th 11 am – 4 pm – Van Atta's Holiday Open House. Jill is looking for additional volunteers to have two or three people at our table at all times and will get that information out closer to the events.

2. Meeting on November 9th – 2 pm; Jill Wood will speak about small, cool-growing orchids

3. Show on November 16-17 – Ann Arbor Orchid Society Orchid Festival at Matthaei Botanical Garden; GLOS will be exhibiting, and Carol Stuht has our request for space in to the organizers.. More information will be forthcoming. Doris alerted the membership that we have publicity cards for that Show available and invited people to help themselves.

4. Upcoming Mid-America Orchid Congress Lecture by Guido Braem on the Tolumnias – GLOS is a long-time member society of the MAOC and, as such, we can provide Zoom access to our entire membership for just \$30.00. The Board is in the process of getting that payment set up. The lecture is at 2 pm on October 20th – Dot will send out an emailing which will include the Zoom log-in. In addition, Mid-America will make available a recording of the program for GLOS members to listen to if they like.

Show and Tell Table: An overflowing plant table had orchids from Bill Cadman, Evelyne Cudel, Jerrie Nichols, Pete Ostlund, Ioana Sonea, and Becky Thayer. Each showed us his or her plants and gave us information on each.

GREATER LANSING ORCHID SOCIETY MEMBERSHIP MEETING MINUTES, cont'd from p 7

Program: At this point, Jerrie introduced our speaker -- longtime GLOS member Rob Halgren, the incoming Chair of the Great Lakes Judging Center and owner of Littlefrog Farm Orchids. Rob gave an excellent program on the kinds of lights available for growing orchids. In addition to photos of his growing space, Rob brought many examples of the various LED lights and told us where to obtain them. After his talk, he answered questions from the group and then offered a variety of orchids in bloom for sale.

The evening concluded with Ioana settling up the silent auction purchases and Doris calling out the winning raffle numbers. Both fundraisers did well thanks to the generous participation of our members.

Adjournment: The meeting adjourned at 4:15.

Respectfully submitted,
Doris H. Asher, Secretary



Photos by Dot

GLOS Proposed Budget for the Upcoming Fiscal Year, 2024-2025		
Red indicates expense. Green income.		
ITEM/ACTIVITY	EXPECTED INCOME	EXPECTED EXPENSE
Show Related		
Show tables (30 total)	\$2,890	
Show site rental		\$2,000
Advertizing, postcards		\$400
Show food	\$1100 (donations)	\$1,300
Orchids-in-use Allowance		\$300
GLOS display allowance		\$300
GLOS Show trophies (19)	\$475	\$475
Other show items (ribbons, copying, etc)		\$800
Information table (Book sales @ show and donations). Expenses book purchases.	\$540	\$200
Expenses for future shows (beyond 2023), such as ribbons, tags, supplies	\$50	\$800
Subtotal Show	\$5,051	\$6,575
Administrative		
Building rental (@\$50 for 8 in-person meetings), picnic rental @\$50		\$450
Liability insurance		\$289
Misc (website rental @50, tax-exempt registration @\$20, dues to AOS and MAOC @\$115)		\$200
Copying (Calypso, culture sheets, flyers etc)		\$100
Postage		\$70
Donations to cover Calypso	\$130	
Subtotal Administrative	\$130	\$1,109
Programs		
Speaker's fees, dinner/hotel (assumes 8 in-person/zoom speakers) at \$300 each if unknown		\$2,400
Picnic, silent auctions, raffles	\$2,800	
Subtotal Programs	\$2,800	\$2,400
Exhibiting at Other Shows		
Van rentals for away shows (this is not entire amount, driver often covers part of the cost)		
supplies (moss, stakes, etc.)		\$130
Subtotal Exhibiting at Other Shows	\$0	\$130
Contributions/Interest/Dues		
Miscellaneous income donations, commisions on art, etc., Expenses include donations to GLIC @\$150, Nature Conservancy @\$100 and Michigan Nature Association @\$100	\$700	\$350
Memberships	\$836	
Interest income	\$358	
Subtotal Contributions/Interest/Dues	\$1,914	\$350
TOTALS	\$9,895	\$10,564
NET LOSS	(\$669)	
Total Bank Balance on Hand August 5, 2024.	\$ 19,931.99	
Total Bank Balance on Hand June 5, 2023.	\$19,173	
Total Bank Balance on Hand June 5, 2022.	\$21,764	

FROM RAY BARKELOW OF FIRST RAY'S ORCHIDS NEWSLETTER**JUST HOW MUCH NUTRITION DO OUR PLANTS GET?**

One area of orchid culture that has always been difficult to quantify is nutrient uptake.

Sure, we can mix up a certain concentration of fertilizer solution, and I often suggest using "ppm N" as the control, but how do we know how much of the nutrients they actually absorb? Let's start by looking at plants for which it is known, potted nursery stock like poinsettias.

It is well established that in order to raise a poinsettia from rooted cutting to mature plant for Christmas sales, the grower must supply 1 gram of nitrogen as part of their feeding regimen. Terrestrial plants, because they have such fine, hairy roots, grow to occupy essentially 100% of the container volume. The grower knows the volume of the containers, knows the liquid retention of the potting medium, the time until the desired maturity is to be reached, and the formula of their fertilizer. They can then use those factors to calculate the concentration and frequency of feeding that will allow the plant to get that one gram of nitrogen.

For example, a pot that holds one liter of medium that retains 50% of the applied solution, when fed at 100 ppm N, will supply 50 mg of nitrogen to the plant at each watering. To deliver that one gram of nitrogen to the plant, it must be fed $1000 \text{ mg} / 50 \text{ mg} = 20$ times, so if you feed once a week and your goal is to sell the plant on December 1, you need to start it 20 weeks prior.

Unfortunately, that simply doesn't work for orchids.

When we water, most of the solution just pours through the potting medium. "A bit" is absorbed by the plant and the potting medium, but we must understand that, due to the structure of an orchid's root system, nutrients held in portions of the medium that are not in direct contact with the roots will not be absorbed by them. In other words, it is pretty much only the solution that comes into direct contact with the velamen that carries the nutrients to the plant.

Think of a vanda, which is often grown in slat baskets with no medium, with the roots dangling below. For them, feeding only occurs at the instant the solution hits them and saturates the velamen. That has led me to the concept of "instantaneous uptake", and we can calculate the mass of nutrients absorbed by making a few assumptions that lead to calculating the total volume of the velamen on the root system.

For example, let's say our vanda has 122 cm (~4 feet) of total root length, that they average 6 mm (1/4") in diameter, that the velamen is 1 mm thick, and we will "fertigate" it with a 100 ppm N solution. Using this calculator, we see that the velamen has a total volume of 19.15 cc, so will absorb 1.915 mg of nitrogen, and if we were using K-Lite, the total nutrient uptake would be 2.144 mg.

As we know that the plant must absorb about 5 grams (5000 mg) of fertilizer to add a pound of mass, that means it's going to take $5000/2.144$, or over 2600 waterings/feedings to add that much. At three feedings a week, that's almost 15 years! If we feed at that rate daily, we would expect that plant to gain that pound in around 6.5 years.

All that said, we don't necessarily need a plant to add a pound of mass to make us happy, and we - admittedly - do not know how rapidly the nutrient ions pass from the velamen to the rest of the plant, or exactly how much of the solution retained by the potting medium even makes it to the roots, but this will give us a bit of insight into the minuscule nutrient demand of these slow-growing plants.

Until next time... Good Growing!

**IT IS TIME TO PREP YOUR PLANTS FOR THE AA SHOW: 11/16 AND 11/17.**

Clean and stake as needed. Check name and parentage if possible. Dot will collect the plants 11/17 between 9am and 7pm at her home

Space is tight at their venue, so myself plus two volunteers are needed to help set up the display, plus two to help take it down and return plants to Lansing. Please send me a text or an email if you would like to help. I am still in da UP, where phone calls rarely succeed.

Carol Stuht, Away Show Chair

castuht@gmail.com.

517-896-4070



Littlefrog Farm

Rob Halgren, PhD

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Holt, MI 48842

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Jump into Orchids !



GIVE A TAX-DEDUCTIBLE GIFT

The Greater Lansing Orchid Society is an IRS not-for-profit 501(c) 3 organization. According to state and federal tax laws, this means that, if you itemize your deductions on your tax returns, you can deduct any contribution you make to the Society. As required by law, please note that you will not receive any gift or services in exchange for your contribution. Teresa Fowle, our Treasurer, will happily prepare a receipt for you. You may bring your monetary gift to her at our November meeting or mail your check made out to GLOS to her at 206 Meyers Ave., Jackson, MI 49203.

Thanks to everyone for contributing!
Doris Asher, Secretary

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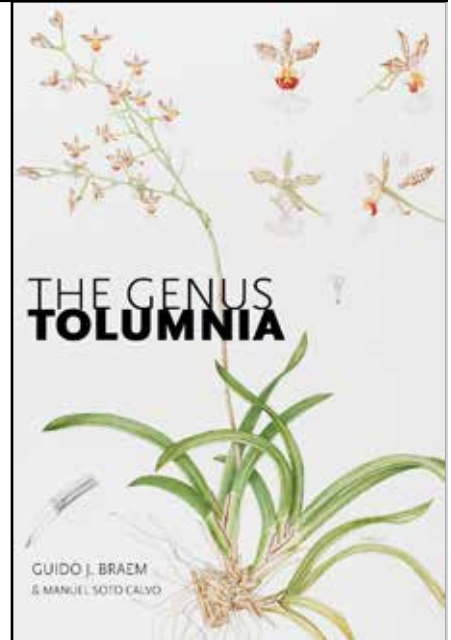
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REMINDER: WEAR YOUR BADGE – GET EXTRA RAFFLE TICKET

GLOS members are responsible for holding onto their own name badges. If you cannot locate your nametag, kindly let either Dot or Doris know. Dot will make you a new one.

As an incentive to wear the name tag, which is very nice for visitors and for those of us with failing memories (!), anyone who wears the badge AND purchases even one raffle ticket at \$1.00 per ticket will get a complimentary raffle ticket.

Please wear your badge to November's meeting. Let's help everyone greet everyone by name by wearing a name tag.

Wear your Society name tag. Get an extra raffle ticket!

Doris Asher, Chair, Membership Committee

Dot Barnett

The End Page

SOME GLOS BEAUTIES IN SEPTEMBER 2024 ISSUE OF ORCHIDS MAGAZINE - Doris Asher

*The September issue of Orchids magazine features photos of two marvelous orchids grown by two GLOS members:
Dot Barnett's Paphiopedilum Gorgon 'Wacousta' AM/AOS (page 727).*

Pete Ostlund's Tolumnia Jairak Flyer 'Corona' AM/AOS (page 727).

Congratulations to Dot and Pete!

*Awarded in Columbus, 10-19-2024
Tolumnia Jairak Firm 'Dalmatian'
HCC and CCE (91 pts)
Pete Ostlund*

Congratulations, Pete!



GLOS on Facebook

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

This is where you may post photos on our GLOS Group page:

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