

# The Calypso

Volume 48 Issue 3 May 2025

The Newsletter of the Greater Lansing Orchid Society

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## CALYPSO DEADLINE:

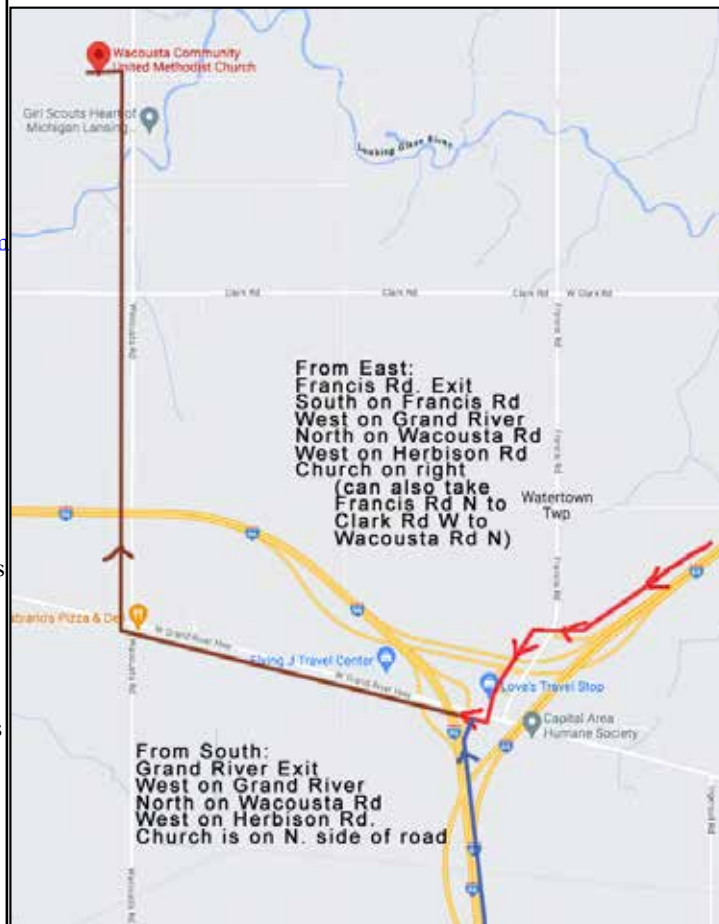
June 23 for the July issue

*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 10 MEETING: In-Person at 6:00 p.m.

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

Deb Boersma, a judge with the Great Lakes Judging Center will present an orchid travelogue: Orchid Expedition on the Rio Negro, Brazil: "A fascinating journey in the jungles of the Amazon. A journal of my orchid expedition on the Rio Negro on the Otter Houseboat chronicling my adventures. Starting in Manaus and travelling on the Rio Negro and into the small tributaries spotting monkeys, sloths, parrots, macaws and of course orchids. A trip organized by the Orchid Conservation Alliance."



Doors open at 5:30 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 6:00 pm*

No plant sales. Please bring plants for our Show and Tell Table, our Silent Raffle Table and our Auction Table.

**PRESIDENT'S MESSAGE -- May 2025 --** Jerrie Nichols

I hope you are all starting to thaw out from our long winter. I think we can safely say that spring has finally arrived, though I had heavy frost just a couple of days ago. Perhaps a better harbinger of the season was that I got bit by my first 2025 mosquito yesterday. My orchids are certainly sensing the change in season and with temperatures rising and days lengthening, are waking up and growing fast. It is still too early to move plants outside for the summer, but I am going through the plant room planning on what goes out, what stays in, and what I plan to divide. Remember our picnic, that plant extravaganza, is not that far away. And we will need plants.

Speaking of plants, I hope you made it to our April meeting and saw that amazing show and tell table. There were so many beautiful plants including a collection of multifloral phalaenopsis. Pete Ostlund posted pictures and video of the plants on the GLOS Facebook page. Check it out.

Just a reminder that we will hold elections at our May meeting. Instructions on how to vote are elsewhere in the newsletter. We also hold our award ceremonies at this meeting. Hope to see you at the meeting.

**DEB BOERSMA**

Deborah's interest in orchids was sparked by a trip to Hawaii and has been under their spell for over 30 years. She started with a few plants and her mixed orchid collection expanded exponentially with the construction of a greenhouse in 2014. She joined the Windsor Orchid Society in 2013 to gain more orchid knowledge and found herself in the President's position six months later. She is a very active member of the WOS, involved in fund raising and publicity and has recently taken on the role as Show Chair.

She is an accredited judge in the AOS judging program at the Great Lakes Judging Center, Ann Arbor, Michigan and enjoys presenting and educating audiences about orchids. She was the recipient of the Orchid Digest Diamond Award in 2016 and invited speaker to the WOC Tainan in 2024.

Academically, Deborah has a degree in Chemistry and spent her first years of work as a researcher in medical microbiology and infectious diseases at both the University of Calgary and Foothills Hospital in Calgary, Alberta. She recently retired from St. Clair College in Windsor, Ontario, Canada, where she taught chemistry for over 28 years. She now has time to enjoy her passion for orchids, gardening, photography and travel.



Thanks to Michele Bridges, Pete Ostlund, Raechel Portelli, Ioana Sonea, and Carol Stuhrt for our March Meeting refreshments. Volunteers to bring snacks to our May 10th meeting are Christine Granger, Pete Ostlund, Bill Overton, and Ioana Sonea.

**GLOS CALENDAR OF EVENTS**

- May 10, 2025 – Deb Boersma, a judge with the Great Lakes Judging Center. A travelogue. No plant sales
- July 12, 2025 -- GLOS Picnic
- 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** March 8, 2025

President Jerrie Nichols called the meeting to order at 2:15 p.m. with about thirty-two people present and an additional person participating via Zoom.

Doris introduced new member Kee Tsai from East Lansing and four visitors: Nell Brooks, Chris Brown, Eileen Madison, and Kiirsten Olson.

Doris explained how our silent auction works and invited members to bid; in addition, she offered raffle tickets at \$1 apiece.

Jerrie thanked the members who provided refreshments – Marge Barkman, Michael Bukala, David Madison, Pete Ostlund, and Ioana Sonea. When she asked for volunteers to provide refreshments for our April 12th meeting, Michele Bridges, Raechel Portelli, Marilyn Porter, and Ioana Sonea responded.

**Updates:****1. GLOS Show at Van Atta's February 22-23**

a. GLOS was very pleased with Van Atta's as a new site for our Show – the Show Planning Committee compiled a list of good aspects and problem areas, which we sent to Van Atta's. They had done the same thing and sent us their list. They, too, were very happy having us hold our Show at their facility. GLOS and Van Atta's will get together next January to begin planning for the 2026 Show.

b. GLOS has bought replacement table skirting for the Show's vendors' tables because it has become evident that our table skirting has outlived its usefulness. Doris is already in possession of the new skirting and brought some so people could see it.

c. David Madison and his wife Eileen took home most of the black cloth used in this year's GLOS exhibit to wash and prepare it for its next use. In addition, Eileen fashioned a kind of sock to cover an orchid pot with black cloth instead of the awkward "pot wrapping". She has also prepared round tablecloths that can be used on our large round pieces of staging. The Madisons will be buying as a donation to GLOS additional black cloth that works well for use in exhibits – not prone to wrinkling or fading, for example. Their gift is very welcome to the members who set up our exhibits.

**2. Michigan OS Show March 15-16** – Ioana, Carol, and Michele will be setting up our display at the MOS Show, the last one for us until Ann Arbor in late November. Ioana requested names of orchids by Wednesday the 12th. Members can deliver their show plants to Ioana's home on Thursday the 13th between 9 am and 8 pm – best to call ahead to be sure someone is home.. Plants should be available for pickup from her house on Sunday evening after about 6:30 or on Monday the 17th.

**Two Important Committees:**

As President, Jerrie chairs our **Awards Committee**, who has the task of honoring key GLOS members for their outstanding service to the Society. Michele Bridges and Jill Wood serve with her on the Awards Committee. They invite members' nominations of honorees. Awards are presented at our annual meeting on May 10th.

Jerrie announced that Mike Underwood is chairing our **Nominating Committee** for our election of officers for the 2025-2026 membership year. Although both she and Dawn Kittle are eligible to run again next year, both Jerrie and Dawn are stepping down. All the other members of the current Board may serve again if they are willing to do so. The election takes place at our May 10th Annual Business Meeting. Mike will present the slate to the membership at our April 12th meeting.

**Meeting on April 12th** – Our speaker in April will be Jeanne Rhinehart from Cincinnati, OH speaking on native orchids of the Great Lakes region, including Michigan. Note that April is the first of our series of meetings beginning at 6 pm. Jeanne will be speaking in person, and the meeting will be offered via Zoom as well.

**Show and Tell Table:** Our plant table had orchids from David Madison, Bill Porter, and Carol Stuht. Each showed us his or her plants and gave us information on each.

**Program:** Our speaker of the day was Dennis Steinbeck, owner of Flask & Flora. His program entitled "Orchids of Colombia" was a wonderful overview of the species of orchids found in that country. He highlighted many of the Colombian species; his photographs were excellent. He had brought with him several of the species among his sales plants. He also talked about the possibility of visiting Colombia, which he has done a couple times and recommends it highly.

The evening concluded with members shopping at the large number of plants our speaker brought and enjoying refreshments. Teresa settled up the silent auction purchases and Doris called out the winning raffle numbers.

**Adjournment:** The meeting adjourned at 4:15.

Several members stayed until 5:00 to buy more of Dennis Steinbeck's plants, helped him load his car, clean the floors, wipe the tables, clean the kitchen and put everything the way it was when we arrived. A big thank you to David and Eileen Madison, Bill Cadman, Ioana and Chris, Carol, and Dot!

Respectfully submitted, Doris H. Asher, Secretary

PHOTOS FROM OUR SHOW AND TELL TABLE, MEMBERSHIP MEETING MARCH 2025



Bill Porter



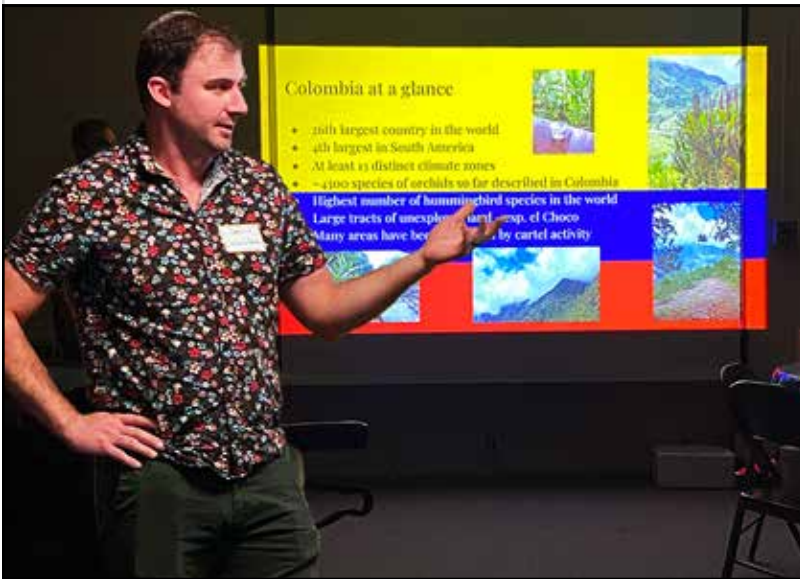
Carol Ann Stuht



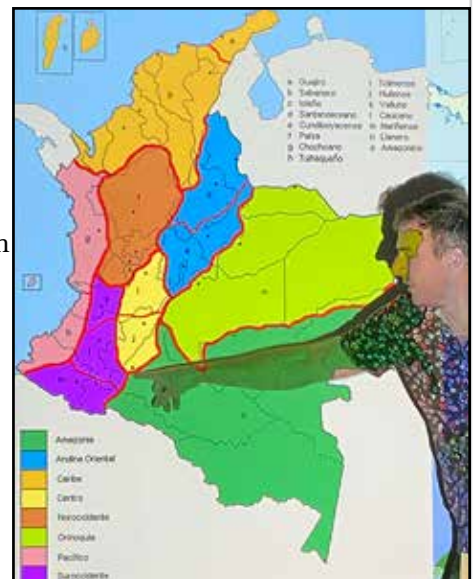
Evelyne Cudel



David Madison



Our Speaker, Dennis Steinbeck, and his presentation on Colombian orchids



GLOS display at MOS

Photos by Dot

**MOS 2025 SHOW REPORT** - submitted by Carol Ann Stuht

The Michigan Orchid Society (MOS) held its annual show in Madison Heights, March 15-16, 2025. Ioana Sonea headed up the show preparations: collected plants, prepared entry paperwork, gathered set up and take-down crews, and directed the placing of 41 plants into a lovely display. Michele Bridges, David and Eileen Madison, and I assisted in set up. Dot and Lee Barnett, and Ioana's husband, Chris Brown, joined in for a smooth display take-down on Sunday.

The show was small, but there were many quality orchids to enjoy. The MOS display was very well done. Our display received the Class 6-8 Trophy, and a total of 8 trophies decorated GLOS plants. Congratulations to Dot Barnett for the HCC of 78 points awarded to her Phrag. Silver Eagle 'Wacousta'.

Thank you, everyone who contributed to the success of the MOS display. This was the last show of the current orchid show schedule and we finished as we began, with excellent participation from GLOS members. Thank You!

Every GLOS member that sent plants for the show received ribbons. Plant awards list follows:

GLOS Display		Class 6	1 <sup>st</sup> Trophy
Pete Ostlund	<u>Cattlianthe Blazing Sun 'NN'</u> Trophy class 17-27	22	1 <sup>st</sup> Trophy
	<u>Den. Rainbow Dance</u>	94	1 <sup>st</sup>
	<u>Den. Tsiku Flamenco</u>	92a	2 <sup>nd</sup>
	<u>Tol. Jairak Flyer 'Brown Spot'</u>	84	2 <sup>nd</sup>
	<u>Tol. Jairak Flyer 'Super Bright'</u>	84	1 <sup>st</sup>
	<u>Paph. hirsutissimum</u> Trophy class 28-30	28	1 <sup>st</sup> Trophy
	<u>Schoenorchis gemmate</u> Trophy class 63-78	77	1 <sup>st</sup> Trophy
	<u>Vanda ampulaceum</u>	65	1 <sup>st</sup>
Dot Barnett	<u>Phrag. Silver Eagle</u>	46	1 <sup>st</sup> HCC 78
	<u>Phrag. QF Ula'ula</u> Trophy class 43-47	45	1 <sup>st</sup> Trophy
	<u>Phrag. Pearsei</u>	43	1 <sup>st</sup>
	<u>Lyc. Dr. Erin B. Vasconcelle</u> Trophy class 104-107	104	1 <sup>st</sup> Trophy
	<u>Vi. (Holc. Subulifolium x V. coerulescens)</u>	78	1 <sup>st</sup>
Michelle Bridges	<u>Oncostelopsis Brazilian Sun 'Samba'</u>	81	2 <sup>nd</sup>
		36	3 <sup>rd</sup>
David Madison	<u>Leptotes pohlinoi</u> Trophy class 13-16	16	1 <sup>st</sup> Trophy
	Specimen Plant	113	3 <sup>rd</sup>
Tammy Scherer	<u>Onc. Sharry Baby 'Sweet Fragrance'</u>	83	1 <sup>st</sup>
	<u>Rhytoniglossum Maze</u> Trophy class 79-81	81	1 <sup>st</sup> Trophy
	<u>Phal. Star 'S2038' unregistered hybrid</u>	54	1 <sup>st</sup>
Bill Cadman	<u>Paph. Night Song</u>	42	1 <sup>st</sup>
	<u>Paph. Champagne Charlie</u>	42	3 <sup>rd</sup>
	<u>Mormodia Jumbo Doll</u>	107	3 <sup>rd</sup>
Molly Bacon	<u>Bulbophyllum falcatum 'Standing Tall'</u>	108	3 <sup>rd</sup>
	<u>Tolumnia Jairak Firm 'Sweet Pink'</u>	84	3 <sup>rd</sup>
Carol Ann Stuht	<u>Paph. Snow Squall</u>	32	1 <sup>st</sup>
	Trophy First bloom Seedling	112	1 <sup>st</sup> Trophy
	<u>Paph. Quintal Mini Stone</u>	38	3 <sup>rd</sup>
	<u>Paph. (Tristar Mabo x Hsinying Web) x Hung Sheng 'Magic Chou-Yi'</u>	42	3 <sup>rd</sup>
	<u>Phal. Charming Pink Fantasy 'April's Coming'</u>	62	1 <sup>st</sup>
Ioana Sonea	<u>Phrag. Acker's Sunbeam 'Radiance' x dalessandroi 'Acker's Flamenco Dancer'</u>	46	3 <sup>rd</sup>
	<u>Cattleya Cosmo Roebling</u>	20	1 <sup>st</sup>
	<u>Cattleya Tzeng-Wen Melody</u>	20	2 <sup>nd</sup>
	<u>Cattleya Jairak Dolly '#2'</u>	19	2 <sup>nd</sup>
	<u>Rlc. (C. Love Fresh 'SVO' x Rlc. Little Toshi 'Gold Country')</u>	22	2 <sup>nd</sup>
	<u>Phal. Amabilis</u>	48	2 <sup>nd</sup>

**GREATER LANSING ORCHID SOCIETY BOARD MEETING MINUTES - April 7, 2025**

President Jerrie Nichols called the Zoom meeting to order at 7:02 p.m. with the following people present: Doris Asher, Dot Barnett, Michele Bridges, Teresa Fowle, Pete Ostlund, Ioana Sonea, and Carol Stuht.

**Treasurer's Report:** Treasurer Teresa Fowle reported on finances occurring since our membership meeting on March 8th. At that meeting, the silent auction brought in \$21, the raffle \$52, and \$16 in dues. Since that meeting, she paid our insurance premium of \$301. Currently, there is \$488 in the checking account and \$3,477 in the IMMA account; the Society's eight CD's have a total value of \$15,171. Teresa has a bill from Square for the larger of the two devices that Square provides -- \$59. The smaller one is complimentary.

**Membership Committee Report:** Doris presented the Committee's report – there were three new memberships that came in at the Show: Tams Nicholson from Dimondale, Yvette Robinson from East Lansing, and Curtis Seibert from Morrice. In addition, Kee Tsai from East Lansing joined at the March meeting. Three people renewed at our March meeting: Christine Granger, Tammy Scherer, and Becky Thayer. GLOS currently has 110 members in 98 households, of which only 13 households need the newsletter in paper.

**Awards Committee:** Jerrie, who chairs the Awards Committee, announced that they are making good progress selecting awardees who will be announced at our May Business Meeting. She will be asking the membership for additional recommendations at our April 12th meeting. The other members of her Committee are Michele Bridges and Jill Wood.

**Nominating Committee:** Jerrie reported that Mike Underwood may not be able to attend the April 12th meeting to announce the slate of officers as required in the Bylaws. She asked Doris to put Mike's slate together; Jerrie, who is not running for any office, will announce the slate on April 12th. Doris informed the Board of the slate:

President:	Ioana Sonea
Vice President:	Becky Thayer
Secretary:	Doris Asher
Treasurer:	Pete Ostlund
Director:	Michele Bridges (running for her second two-year term)
Director:	Teresa Fowle (filling one-year term caused by Ioana's running for President; Teresa is eligible to serve for an additional four years after this first year)
Away Show Chair:	Carol Stuht
Newsletter Editor:	Dot Potter Barnett
Jerrie Nichols continues to serve on GLOS Board as the Past President	

Our voting procedures at the May meeting remain unchanged; the May Calypso will detail the procedures detailed in our Bylaws. (Below)

**Society Website:** Dot reported that Raechel Portelli will become our new webmaster: she and Raechel are working on that now. The Board approved the usual one-year renewal of our SSL certificate. An SSL (Secure Sockets Layer) certificate creates an encrypted connection ensuring secure data transmission between a web server and a browser. Dot has taken care of that renewal payment as part of the website cost.

**Upcoming Programs:**

April 12th: Jeanne Rhinehart will speak on native orchids of the Great Lakes. There will be no plant sales.

May 10th: Deb Boersma, an AOS judge from the Great Lakes Judging Center, will present a travel log featuring orchid habitats. There will be no plant sales.

August 9th: GLOS member Lynn O'Shaughnessy will speak on taking orchid photographs using your smart phone. There will be no plant sales.

**Next Board Meeting:** The Board's next meeting will be on Monday, June 2nd, at 7 p.m. via Zoom. This particular Board meeting customarily includes both outgoing Board members and also incoming Board members.

The meeting adjourned at 7:18 p.m.

Respectfully submitted,  
Doris Asher, Secretary



*Please be sure to come to the May meeting so you can cast your vote for GLOS officers. If you cannot come to the meeting, you can vote via email: just send your vote to our secretary, Doris Asher, so that she gets it by the Friday evening before our May meeting.*

**GREATER LANSING ORCHID SOCIETY MEMBERSHIP MEETING MINUTES - April 12, 2025**

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

Doris introduced four visitors: Chris Brown, Rick Chung, Dan Greiner, and Brad Venman.

Doris explained how our silent auction works and invited members to bid; in addition, she offered raffle tickets at \$1 apiece. David LeMarble brought in photos and note cards of native orchids which he had photographed. For any of the items he sold, he paid GLOS \$1.00 each.

Jerrie thanked the members who provided refreshments – Michele Bridges, Pete Ostlund, Raechel Portelli, Ioana Sonea, and Carol Stuht. When she asked for volunteers to provide refreshments for our May 10th meeting, Christine Granger, Pete Ostlund, Bill Overton, and Ioana Sonea responded.

**Two Important Committees:**

As President, Jerrie chairs our *Awards Committee*, who has the task of honoring key GLOS members for their outstanding service to the Society. Michele Bridges and Jill Wood serve with her on the Awards Committee. They invite members' nominations of honorees. Awards are presented at our annual meeting on May 10th.

In Mike Underwood's absence, Jerrie reported for our *Nominating Committee* for our election of officers for the 2025-2026 membership year.

**The slate for the 2025-2026 fiscal year:**

President: Ioana Sonea

Vice President: Becky Thayer

Secretary: Doris Asher

Treasurer: Pete Ostlund

Director: Michele Bridges (running for her second two-year term)

Director: Teresa Fowle (filling one-year term caused by Ioana's running for President; Teresa is eligible to serve for an additional four years after this first year)

Away Show Chair: Carol Stuht

Newsletter Editor: Dot Potter Barnett

Jerrie Nichols continues to serve on GLOS Board as the Past President

*Per our Bylaws*, we need to meet a quorum of 15% in order to hold our election on May 10th. The May newsletter will describe the voting procedures; it is important that members who cannot attend the meeting vote via email so that we meet our quorum.

*Annual Business Meeting on May 10th* – Our speaker in May will be Deb Boersma, an American Orchid Society judge from the Great Lakes Judging Center. She will be presenting a travelogue featuring orchid habitats.

*Show and Tell Table:* Our plant table was the best anyone could remember! So many members brought in so many orchids that we had to use two tables instead of the usual one table. A highlight of the plant table were the numerous small-flowered phalaenopsis that Dan Greiner brought in. There were also orchids from Dot Barnett, Bill Cadman, David LeMarble, Pete Ostlund, Raechel Portelli, Laurie Rubley and Carol Stuht. Each showed us his or her plants and gave us information on each.

*Program:* Our speaker of the day was Jeanne Rhinehart, an orchid grower from Cincinnati, whose program was entitled "Experience native orchids: OH, KY, MI, TE". Jeanne detailed the 61 orchids native to Michigan with an excellent review of each species and how and where they grow. Her PowerPoint program was wonderful. In addition, she provided everyone with printed handouts listing the Michigan orchids, books on native orchids, conservation groups, vendors of native orchids, and relevant websites.

The evening concluded with members visiting and enjoying refreshments. Teresa settled up the silent auction purchases and Doris called out the winning raffle numbers.

*Adjournment:* The meeting adjourned at 8:25.

Respectfully submitted,  
Doris H. Asher, Secretary

**From p10: CHEMICAL TREATMENT OF DISEASES IN ORCHIDS**

Do not use bactericides or fungicides if you see the tips of new growths die and turn black.

Again, the cause is likely cultural - a calcium deficiency - and the rot is secondary. Adjust your feeding regimen and move on. You may have lost those new growths, but more will follow and the infection is unlikely to affect otherwise healthy tissue.

Until next time... Good Growing!



**PLANT TABLE PARTICIPANTS  
APRIL MEETING**



Raechel

Carol Ann

David LM



Marge



Bill C



Pete



Laurie

Carol Ann

Dan



Dot





### Alpena, Michigan Thunder Bay River State Forest



*Cypripedium arietinum*  
Ram's Head Orchid



*Cypripedium acaule*  
Pink Lady Slipper

### Hiawatha National Forest Michigan



*Malaxis unifolia* Green  
Adder's-mouth Orchid



*Liparis loeselii*  
Loesel's Wide Lipped Orchid

### Cheboygan State Park

*Platanthera psycodes* Small Purple Fringed Orchid



### Thompson Harbor State Park Michigan

*Cypripedium parviflorum* var. *pubescens*  
Large Yellow Lady's Slipper



*Iris lacustris*  
Dwarf Lake Iris



### JEANNE RHINEHART TALK ON NATIVE MICHIGAN ORCHID SPECIES



### Protecting Native Orchids

- Don't post locations where you find orchids
- Remove GPS settings before you take pictures or remove GPS information before posting
- Watch where you step. Seedlings may be found around the blooming orchids.
- Don't dig orchid plants or remove seed pods. Native orchids have a relationship with fungi in the soil which are needed for the plants to survive. Seed pods produce the future plants in the area. They are very difficult to propagate in the lab.

### Pictured Rocks National Lakeshore

*Platanthera flava* var. *flava*  
Northern Tubercled Bog Orchid



*Coeloglossum viride*  
Long-bract Frog Orchid



*Platanthera hookeri*  
(Hooker's Orchid)



Photos by Dot

**SPRING IS FINALLY HERE! FROM RAY BARKELOW OF FIRST RAY'S ORCHIDS NEWSLETTER****CHEMICAL SELECTION FOR PESTS & DISEASES**

Maintaining the health of plants can be a challenging task, particularly when combating diseases and pests. The proper use of chemicals can significantly enhance plant vitality and yield. However, it is crucial to use these chemicals judiciously to ensure safety and effectiveness.

Each pesticide has its own "mode of action" - MOA - to control the pest. Some strip off protective coatings leading to suffocation and/or desiccation, others interrupt digestion or reproduction, burst cell walls, or interfere with nerve conduction, to name but a few. The classifications are established by the Insecticide Resistance Action Committee (IRAC), who's intent is to prolong the effectiveness of pesticides by battling the development of resistant strains. You can read more about them in this Chemical Class Chart.

*Understanding the types of treatments*

Before treating anything, it is important to properly diagnose the problem and to select the type of product that will address it. There are a lot of misunderstanding in this area - "Will Physan 20 kill mealy bugs?" (No!) - so let's take a look at the types of products available.

*Insecticides*

Insecticides are designed to control insect pests. They can be contact insecticides, which kill insects on contact, or systemic or translaminar insecticides, which are absorbed by the plant and target pests when they feed on it. Not all insecticides control all insects. Read the label carefully to make sure you have chosen properly. This Pesticide Selection Guide can help.

Most insecticides only affect adults, leaving eggs and juveniles unaffected. That is why the "3@7" regimen is recommended. By thoroughly treating the plants three times at one-week intervals, it is likely that newly-maturing adults will be killed before they have the opportunity to reproduce.

*Miticides*

Mites are arachnids, not insects, so are not controlled by insecticides. In fact, treating mites with an insecticide can exacerbate the issue by killing predatory insects that would otherwise help control the mite population.

The most common mites seen infesting orchid collections are two-spotted spider mites and flat mites.

*Fungicides*

A fungus is an organism that survives by secreting digestive enzymes to attack host tissues and absorbing the nutrients released. They can spread through colony growth or through the dispersal of spores via wind or water, leading to the infection of several plants.

There are a wide variety of fungi that attack plants, such as powdery mildew, scabs, rusts, smuts, and downy mildew (which isn't a true fungus, but has a similar lifestyle). Identifying the type of fungus affecting your plants goes hand-in-hand with treatment selection.

*Bactericides*

Bacteria - good and bad - are ubiquitous. Pathogenic bacteria can cause discoloration or dark spots on leaves, leaves that turn brown and watery, soft rot in fleshy plants, or create areas that look dark, black, and wet.

Bacteria are not effected by fungicides and fungi are not affected by bactericides.

*Virucides*

Viruses may be killed on surfaces to prevent transmission, but once a plant is infected, there is no cure.

*Disinfectants*

Disinfectants may kill molds, bacteria and viruses on surfaces, but cannot be used to cure an infected plant.

**KNOW WHEN TO TREAT (and when NOT to)**

Last time, I wrote about selecting the proper chemical treatment for the job - using an insecticide for an insect pest or miticide for mites, for example. In this article, I want to address a few often-made mistakes in treatments.

The very minute you see an insect or mite infestation, treat if fully and completely.

Many growers figure they can just "pick off" or squash a single critter, since "it's not a huge infestation". Unfortunately, the presence of a single pest is a "tip of the iceberg" scenario. If the conditions are right for one bug, chances are that there are more present, hidden from view, and they're already reproducing.

It is usually inadvisable to apply fungicides to plants with root rot.

In the vast majority of cases, root rot is NOT caused by a pathogen, but by a cultural issue like letting the plant get too cold, or suffocating the roots by using a potting medium that is too dense for your conditions and watering habits. The fungal infection that follows is secondary, decomposing the necrotic tissues. The problem will not be cured by application of a fungicide; so the cultural deficiencies must be addressed. In fact, treating may actually exacerbate the cultural stress, as the old, dead tissues will remain in place, rather than being decomposed, releasing their stored nutrients, then washed away.

*completed on p7, at the bottom*



## Littlefrog Farm

*Rob Halgren, PhD*

*PO Box 26*

*Holt, MI 48842*

*<http://littlefrogfarm.com>*

*[rob@littlefrogfarm.com](mailto:rob@littlefrogfarm.com)*

**Jump into Orchids !**



### IT IS MEMBERSHIP DUES TIME

Since the Society's fiscal year runs from July 1 to June 30 of each year, it is getting to 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. Fifty-four people have already taken advantage of the life membership.

Please make checks payable to GLOS and send them to Treasurer Teresa Fowle, 206 Meyers Avenue, Jackson MI 49203. Alternatively, save yourself a stamp and pay Teresa in person at our March 8th meeting. Cash or check is fine.

Thank you for sending in your dues prior to the deadline. We do not want you to miss even one issue of The Calypso. 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 \$1.33 to provide in hard copy for a total cost per year of \$7.98. Help the Society keep its dues low!

The dues form is on the last page of this issue.

### REMINDER: WEAR YOUR BADGE - GET EXTRA RAFFLE TICKET

GLOS members are responsible for holding onto their own name badges. If you cannot locate your name tag, 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 May'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!

Membership Committee  
Doris Asher, Chair  
Dot Barnett

### GLOS MEMBERSHIP

Our GLOS numbers stand now as follows: as of April 12th -- 110 members in 98 households. At this same time last year, we had 112 members in 100 households. We have received renewals for 2025-2026 from Molly Bacon, Christine Granger, Tammy Scherer, and Becky Thayer. We have received new memberships from Tams Nicholson, Curtis Seibert, and Kee Tsai. We welcome back returning member Yvette Robinson. Fifty-four of our 110 members are Life Members. Eighty-seven percent of our membership receive their newsletters via email at no cost to the Society.

Doris Asher, Membership Committee



*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 year which begins July 1<sup>st</sup>.

Name(s) \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Telephone (\_\_\_\_\_) \_\_\_\_\_ E-mail: \_\_\_\_\_

Beginner     Intermediate     Experienced     Greenhouse     Windowsill     Under Lights     Outdoors in Summer

Would you prefer to receive the newsletter via     email or     hard copy?

Please help the Society keep dues low – choose email delivery of newsletter – or make a donation to offset the cost?  
(\$1.33/issue = \$7.98/year)

Thank you.

Please submit this form with your check (payable to GLOS) to Teresa Fowle, 206 Meyers Ave., Jackson, MI 49203

