



# Arisaema

## Michigan Botanical Club State Newsletter

<http://michbotclub.org/>



### Corresponding Secretary's Report

In this issue, we look back at the Spring Foray hosted by the White Pine Chapter and look forward to our Fall gathering. Chapter reports are published in our fall issue. This issue also includes several reports and of course, our President's report.

As you may notice, this issue of the Arisaema is smaller than the usual print edition. We have found that the cost of printing, mailing and envelopes has increased. Trimming the size of the print issue is a necessary step to keep the club in good financial standing. One way everyone can help the club is to select the electronic version only of the Arisaema when it comes time to renew memberships. The electronic version is in full color.

Details of the 2019 Foray will be in the next Arisaema. We will be traveling to Marquette for that one!

Respectfully Submitted,

Sheila Bourgoin, Arisaema Editor

### Spring Foray and Fall Meeting Schedule

YEAR	SPRING	FALL
2018	White Pine Chapter	Huron Valley Chapter
2019	State Board	White Pine Chapter
2020	Southeast Chapter	State Board
2021	Southwestern Chapter	Southeast Chapter

Note of Appreciation:

Thank you, Kathy Bricker and Marilyn Keigley for all the beautiful photos! A slideshow of 2018 Foray pictures is online at <http://michbotclub.org/2018-foray-photos/>



photo by Marilyn Keigley

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### Announcements

#### Fall Mini-foray Hosted by the Huron Valley Chapter, September 29, 2018

The Huron Valley Chapter is hosting the fall Mini-Foray this year at the Eddy Discovery Center in the Waterloo Recreation Area. Join us for field trips and a presentation by Dr. Garrett Crow.

#### Summer Foray 2019, July 12 to 15, 2019

Get Ready for annual Foray, hosted by the State Board. We now have a venue for the Foray—it will be in the Marquette area, using the facilities of Northern Michigan University on July 12 to 15, 2019. A new wing of the University Center is under construction which is where our meals and programs will be held. Housing will be in the dorms at the University.

## President's Report

As always, a highlight of the year for members of the Michigan Botanical Club is the annual 3-day foray, typically held over the Memorial Day weekend. This year's Spring Foray was hosted by the White Pine Chapter and held in the Chain-of-Lakes region east of Grand Traverse Bay. This gave botanists the opportunity to venture out in a wide array of field trips. Sometimes we have to weather the cold—but this year we sweltered.

We extend a special thanks to our field trip leaders: Tony Reznicek, checking out Conifer Swamps in northern Michigan; Glenn Vande Water, Janet Traub and Jim Toppin botanizing in the Jordan River Valley and Deadman's Hill; James Dake, exploring the ecosystems of the Grass River Wetland; Brad Slaughter, examining lakeshore, dunes, and forest communities at Antrim Creek Natural Area; Robert Krueger and Arlene Westhoven, discovering native plants useful as tea and coffee substitutes; Katie Grzesiak, ambling through the Glacial Hills Natural Area to see spring ephemerals; Andy Bacon, exploring plants of the conifer swamp and northern mesic forest ecosystems of the Cedar River Nature Sanctuary; the indefatigable Ranger Steve Mueller, leading a group to consider interactions and adaptations of plants with animals of the Jordan River area; Derek Shiels introduced a Little Traverse Conservancy off-the-beaten-path preserve in Charlevoix Co.; shores and forests of Fisherman's Island were explored with Liana May; another opportunity to see the Grass River wetlands was possible through Dave Dister's guidance; Glacial Hills was revisited thanks to Sarah Pregitzer; and Bog trotting with Garrett Crow required wadding up to the armpits through the moat to get to the bog mat—but a feast for the eyes from that point on. Jean Lamoreau and Dorothy Sibley thoughtfully offered an Easy-Access program by providing an opportunity to express one's artistic style, utilizing dried natural materials. Another Easy-Access was provided by Elizabeth Pitzer, covering the basics of gardening with native plants. And Julie Hurd used the Grass River Interpretive Center for an ethnobotanical lecture-demonstration session for those needing a break from too much hiking.

Gratitude is expressed to our speakers: Dr. Robert Krueger, "Native Plants, Facts and Fallacies of their Medicinal Properties;" Angie Lucas, "Orchids of Northwestern Lower Michigan: Conservation Challenges and Opportunities;" and the tag-team of Sarah Pregitzer and Randy Butters, "Givers and Takers—An Environmental Look at Plants and Landscape Gardening."

The Foray was also the perfect venue for presentation of the Michigan Botanical Club Distinguished Service Award to our tireless and faithful MBC Treasurer, Robert Kelly. Likewise,

we were pleased to announce that Emily Mydlowski had been chosen as recipient of the Isobel Dickinson Memorial Award for best student-authored paper published in *The Great Lakes Botanist*, Volume 56, entitled "A Note on Mucilage and Herbivore Damage on *Brasenia schreberi* in a Northern Michigan Lake" (Emily Mydlowski and Michael Rotter. 2017. *TGLB* 56: 45–51).

These forays cannot be carried out without the dedicated work of the hosting chapter. Thus we I also wish to acknowledge and express our appreciation to President Dorothy Sibley and Janelle Bush, Chair of the WPC organizing team and the whole team—Dave Chamber, Craig Elston, Marilyn Keigley, Brian Kincade, Cal Lamoreaux, Jean Lamoreaux, Tamara Lubic, Elizabeth Pitzer, and Robert Riepma—for a wonderful event.

MBC Fall Mini-foray: I have always felt that one of the strong-points of the Michigan Botanical Club is the wonderful array of field trips offered by our various Chapters, as well as the State-wide Foray. In an effort to emphasize the advantage of cross-chapter events, we have planned a State-wide MBC Fall Mini-foray – for September 29, 2018, in Michigan, hosted by the Huron Valley Chapter (see announcement).

Have you checked out the Michigan Big Tree Database on the MBC website? Our coordinator, Ted Reuschel, and webmaster Sheila Bourgoin have been working hard to bring the database up-to-speed. This is timely as Releaf Michigan is gearing up for their Biennial Michigan Big Tree Hunt. We are glad to serve the state by maintaining the official Michigan Big Tree Database. Hear Ted speak on the Michigan Big Tree Program: Southeastern Chapter on Sunday, October 7th and at the White Pine Chapter on Saturday, October 20th.

I hope that you are aware that the Michigan Botanical Club now has 501(c)3 tax exempt status. We encourage anyone wishing to, support various efforts of the Club to make donations such as supporting, Foray expenses, student scholarships to attend Forays, publications such as *The Great Lakes Botanist* or *Arisaema*, field research, various other projects or the general fund. If one wishes to support specific Chapter activities/projects, the donations must to be given to the State organization, with directions in the cover letter for the funds to be redirected to a particular Chapter.

FORAY 2019—Stay tuned!! The MBC Board is organizing a foray JULY 12–15 in the Upper Peninsula, with lodging, meals and programs at Northern Michigan University. Details are "a work-in-progress."

Garrett Crow

President, Michigan Botanical Club

## Fall Meeting / Mini-Foray

September 29, 2018

The Huron Valley Chapter of the Michigan Botanical Club (<http://michbotclub.org/huron-valley-chapter/>) is pleased to hold the MBC Fall Board Meeting and Mini-Foray this year at the Eddy Discovery Center in the Waterloo Recreation Area. Waterloo offers miles of trails and opportunities to explore diverse geology and habitats ranging from bogs and forested wetlands to mature oak-hickory forests. The exhibit hall at the Discovery Center explores Michigan's geology and habitats from the Ice Age through European settlement to today.

In addition to the Board meeting, we will be providing guided walks in the morning and afternoon along with a presentation following lunch.

The schedule will be as follows:

**10:00 – 12:00**

Fall State Board Meeting

### Field Trips (open to the public)

Woody Plants of Forest and Fen 1, Trip leader: Robert Ayotte

On this field trip we will explore Pleistocene derived landforms and soils, and their associated woody plant communities. We'll start in an Oak-Hickory Forest on a scenic esker, and ramble down to a poor fen on the margin of an old lake. The walk will be moderately strenuous, approximately 2.5 miles total. You know what to bring.

Lycopods of the Waterloo Recreation Area, Trip leader: Dr. Tony Reznicek

Tony will lead a trip focusing on lycopods of the Waterloo area. This will be a reprise of a popular trip led by Connie Crancer some years ago. The timing is excellent, because the University of Michigan Press recently released Michigan Ferns and Lycophytes: A Guide to Species of the Great Lakes Region by Daniel D. Palmer.

**12:00 – 1:00** Brown Bag Lunch  
(Bring your own, refreshments provided)

**1:00 – 2:00** Across Michigan by Covered Wagon in 1888 (open to the public), Dr. Garret Crow

In June of 1888 an exploring expedition by Michigan Agriculture College, concerned with the botany, forestry, and agriculture of the North Country, crossed the northern Lower Peninsula from the shore of Lake Huron to the dunes of Lake Michigan. The Party, consisting of Dr.

W. J. Beal, Liberty Hyde Bailey, and C. F. Wheeler, 2 botany students; the expedition was widely reported on by reporters from the Detroit Free Press and the Tribune who accompanied the group. Nearly 100 years later Ed Voss and Garrett Crow, based on all the specimens collected all newspaper accounts, photographs in the MSU Archives, historical literature, maps and advice from local historians, attempted to reconstruct this pioneering scientific endeavor—and in 1975 retraced the route themselves. The expedition is described in detail in The Michigan Botanist 15: 3–70; limited reprints will be available after the talk.

**2:30 – 4:30**

### Field Trips (open to the public)

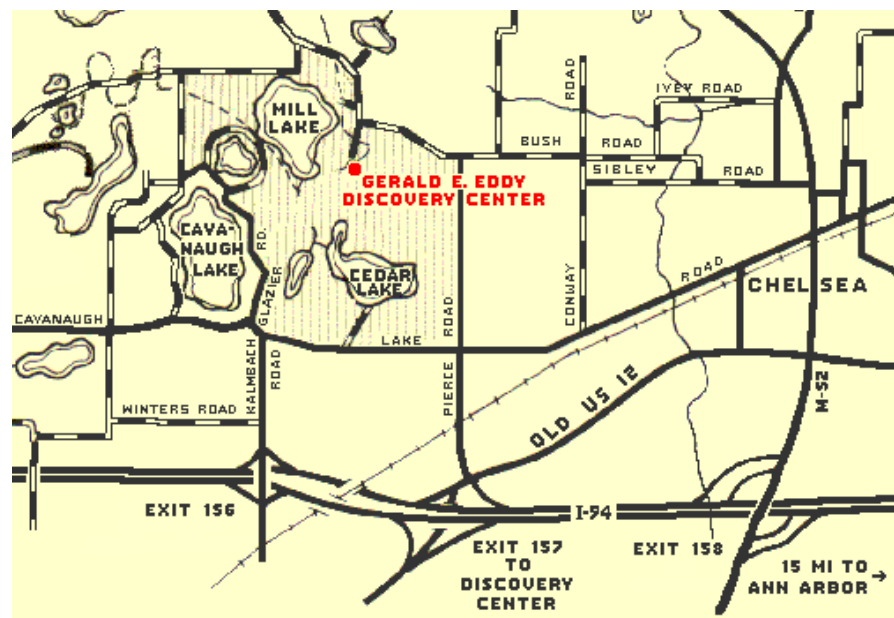
Woody Plants of Forest and Fen 2, Trip leader: Robert Ayotte

See description above

Kettle-Hole Lake/Bog Ecology, Trip leader: Bill Brodovich

Bill will lead a trip to a tiny kettle-hole lake with a bog margin just one-third mile (as the crow flies) from the Eddy Center. Unlike other lakes and ponds in this area, there are no trails leading to this one, so it is nearly pristine. To get to it, we'll follow the Bog Trail much of the way. The going won't be rough, but some of it will have to be cross-country. Waterproof footwear or canvas tennis shoes are recommended.

The Eddy Discover Center closes at 5:00. It is located at 17030 Bush Road, Chelsea, MI 48188. Enter 8WJ9+2P Chelsea, Michigan into Google maps, or 42.330214 -84.080641. An MDNR Recreation Passport is required for entry.



## Awards Presented at the 2018 Spring Foray

The 2018 MBC Distinguished Service Award was presented to Robert G. Kelly, long-term active member and current Treasurer of the Club. Bob's nomination letter, which was prepared by Irene Eiseman with editorial assistance from Sarah Nooden and Emily Nietering, is given below.

"There is a record from the MBC State Board Meeting from February 2012 indicating that Robert Kelly had 'kindly volunteered to be interim Treasurer' for the Club. That was the beginning of an extended career as financial overseer of the Club's monetary accounts and much more.

Bob has been a member of MBC for 37 years, joining Huron Valley Chapter in 1981. His early experience as Treasurer of the Sanford Homeowners' Lake Association, and professional career in library collections at several universities, provided a well-qualified background to take on the arduous task of MBC Treasurer.

No sooner than Bob was appointed Treasurer, he quickly created a full-blown Treasurer's Report with a 27-line excel spreadsheet of income statements and a balance sheet. There was no doubt that Bob was taking his interim appointment seriously.

In addition to being Club Treasurer, Bob was also Treasurer of the Special Members group for four years and in 2016 became Treasurer of the Michigan Botanical Foundation.

One might think that being a Treasurer is simply tracking money. In Bob's case, his unwavering support of the Club and delightful personality, led members to seek his professional input on a wide range of projects, from liability insurance, to electronic publishing, to regulatory filings, and budget analysis.

Most importantly, Bob has a talent for handling the many details of Club business and distilling the essentials into a relevant concept. When he does manage to relinquish his post as Treasurer, we will certainly miss him. Thank you Bob, for your many years of service and dedication to the Club."

On Saturday evening, May 26, President Garrett Crow presented the award, a 4 x 8 inch Jack-In-The-Pulpit art tile from Weaver Tile in Horton, Michigan, mounted in quarter-sawn white oak frame with an engraved brass plate. According to those present, Bob was truly surprised!

Garrett also congratulated Emily A. Mydlowski, who was the recipient of the Isobel Dickinson Memorial Award for best student-authored paper published in *The Great Lakes Botanist*, Volume 56, 2017. The selected paper was "A Note on Mucilage and Herbivore Damage on *Brasenia schreberi* in a Northern Michigan Lake" by Emily Mydlowski and Michael Rotter, *The Great Lakes Botanist* 56: 45-51. Emily was not able to be present for the announcement, and was sent an award check for \$250.00. The Club acknowledges its Dickinson Award Committee for evaluation of the student papers and the Michigan Botanical Foundation for funding the award.

Nominations for the 2019 MBC Awards are due to Vice President Dan Slean by March 1, 2019.



MBC President Garrett Crow (left) and Bob Kelly, who is holding the MBC 2018 Distinguished Service Award that he just received from Garrett.

Photo by Judy Kelly



photos by Sheila Bourgoin

## Huron Valley Chapter

Our evening meetings are held the third Monday of each month from September through April (excepting December) at 7:30 in the Matthaei Botanical Gardens Auditorium. They are open to the public and advertised through the Gardens as part of their public education efforts. See: <http://michbotclub.org/huron-valley-chapter-past-events> for details

### Evening Programs 2017 – 2018

September 18, 2017 – Jane Kramer: “Endangered & Invasive Plant Species:”

Jane is a Fine Arts Photographer in East Lansing, and for an innovative art project, she photographed the shadows of endangered plant species and transfers the images onto paper made from the invasive plant species that threaten them. Jane talked about the process of collecting invasive plant species, turning plant biomass into pulp and paper, and photographing the shadows of endangered plant species. The whole process is intriguing and involved.

October 16 - Dr. Emily Grman – “Restoring Michigan Prairies: Measuring Success:”

Emily is an Assistant Professor of Biology at Eastern Michigan University. Restoring prairies in Michigan is a common practice, but philosophical and practical obstacles to success remain. In this talk, Emily explored the variety of prairie communities in southwest Michigan and some strategies for guiding plant community development.

November 20 – Dr. David Roberts “What, My Herbicide Did That?! You Can’t Be Serious!”

David Roberts is a Senior Academic Specialist at Michigan State University. Trees, shrubs and other landscape plants are unintentionally harmed at an alarming rate by today’s herbicides. In particular, since the “Round-up” (glyphosate) patent expired, “Round-up” is not just “Round-up” anymore, but often “enhanced” with more dangerous chemicals – with the name “Round-Up” on the label.

January 15, 2018 – Lynn Kirkpatrick. Canopy Walk to Boomslang - A Botanical Garden Sampler from the U. S. A. , Europe and South Africa

Lynn Kirkpatrick, B. S. Botany University of Michigan, is Program Assistant at Matthaei Botanical Gardens collecting and producing the plants for university classes, blending her botanical knowledge with years of horticultural experience. One botanical garden is over 470 years old! Along the way, interesting plants and spectacular views were highlighted.

February 19, 2018 – Meghan Milbreath Pesticides and Pollinators

Meghan is Coordinator of the Michigan Pollinator Initiative, MSU Department of Entomology. Honey bees are an important part of Michigan agriculture, while our natural lands are supported by over 450 species of native bees, and thousands of other pollinators. The challenges of pollinators

include pesticides, especially neonicotinoids), and what science can do to help.

March 19, 2018 Dan Sparks-Jackson – Wildflower Wanderings: Exploring the Great Lakes Region’s Botanical Beauty

We explored the seasonal progression of wildflowers found blooming in our region’s woods, fens, bogs, and grasslands, along with personal experiences tiptoeing around such special habitats.

April 16, 2018 Dr. John Hartig - Bringing Conservation to Cities

Dr. John Hartig served for the past 14 years he served as Refuge Manager for the Detroit River International Wildlife Refuge. The talk presented the story of the innovative public-private partnerships resulting in this urban refuge.

### 2017-2018 field trips summary:

Saturday August 19 – 10 a.m. to 1 p.m. Watkins Lake State Park (DNR)

Field Trip Leader: Bob Smith

Saturday August 26 – 10 a. m. to noon at Huron Meadows Metropark - Focusing on the “Hylo/Desmos”. . . aka the “The Tick Trefoils”, Field Trip Leader: Ron Gamble.

Saturday 9 September – 10 a. m. to 1 p. m. Walden West, Field Trip Leader: Bob Smith

Saturday 4 November – 1 p. m. - 4:00 p. m. Fall Woodies of SMLC LeFurge Preserve, Field Trip Leaders: Neal Billetdeaux and Robert Ayotte.

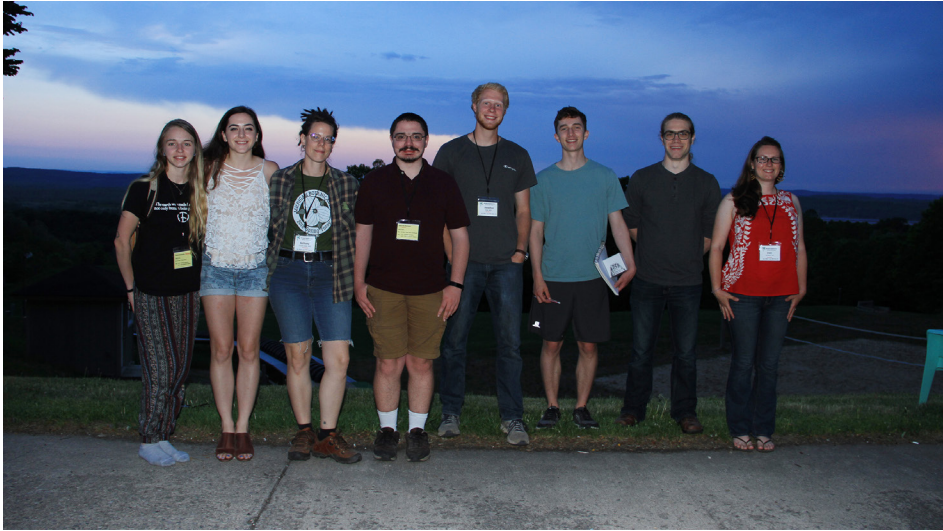
Saturday, February 24, 10 a. m. – Herbarium Tour, Field Trip Leader: Tony Reznicek, curator, UM Herbarium

Saturday 17 March, 10:00 am to 1:00 pm Conifers of Nichol’s Arboretum, Field Trip Leader: Robert Ayotte

Saturday April 28, 9:00 am – 12:00 noon Miller Woods, Plymouth Township, Field Trip Leader: Lynn Kirkpatrick



photo by Sheila Bourgoin



Foray 2018 Sponsored Students  
Photo by Craig Elston



2018 Foray Attendees  
Photo by Craig Elston



photos by Marilyn Keigley  
left to right: Hairy Puccoon, Lake Huron Tansey, Polygala

Saturday, June 2, from 10:00-12:30 Nan Weston Nature Preserve, Field Trip Leader: Dr. Tony Reznicek

### **Outreach efforts:**

Our Chapter spearheaded the stewardship efforts at Horner Woods through two field trips, Saturday 4 November and Saturday 21 April: led by Sylvia Taylor and titled: Spring Botany and Horner's Woods Workdays  
Sylvia mentored Matthaei volunteers, and club members to scout for garlic mustard and help with light trail maintenance at Horner Woods, a wildflower sanctuary. In addition, the club also helped various other groups with stewardship, and we also provide support and expertise for efforts at various other areas in SE Michigan and the Huron River watershed. This year, Chapter members regularly attended the Huron-Clinton Metroparks Board of Commissioners meetings to object to push for better ecosystem management generally in the Metroparks system.

### **Awards go to Chapter Members:**

Congratulations to Sarah Nooden and Faye Stoner  
Sarah Nooden received a certificate of appreciation for her many contributions at the State and Chapter level during her ~21 years on the MBC board Faye Stoner was presented with a Special Recognition Award in the form of a photo on metal of a Pink turtlehead (*Chelone obliqua*), in honor of her many contributions to botanical education and conservation during her career.

The Huron Valley Chapter has 97 members, seven of which are new this in 2018.

Tony Reznicek, past President of Huron Valley Chapter

## *Great Lakes Chapter*

The Great Lakes Chapter continues to gain awareness in the botanical community. As of June we had 81 members, which is a 14% increase from last year. Most of our new members joined in time for the 2018 Spring Foray. We thank White Pine Chapter for passing along some new referrals.

GLC was well represented at this year's Foray in Bellaire, MI. We had 26 members in attendance. Special thanks go to Angie Lucas, Julie Medline, Julie Hurd, Liana May, Derek Shiels and Brad Slaughter who shared their expertise in leading field trips or presenting an evening lecture. We are pleased to report that we had two sponsored students attending the Spring Foray. Sara Campbell was a junior from Michigan State University and Ethan Jacobs was a junior from North Central Michigan College. We are grateful for the generous funding from the Michigan Botanical Foundation and the Joan Robb Student Foray program for making the sponsorship possible.

Last fall, Sept 2017, we organized a field trip to Lake Lansing Park North, which is located in Ingham County, in southern MI. We thank Phyllis Higman and Jim Hewitt who were our expert field guides. The Stewardship Network and Wild Ones

were invited, which brought attendance to more than 20. The park is part of the Ingham County park system with plenty of trails for exploring. The MNFI species richness index lists 84% native species in this 400 acre park.

In the spring of 2018, we explored the "Ledges" outcrop at Fitzgerald Park, Grand Ledge, MI. This area contains some of the most extensive exposures of Pennsylvanian-age rocks in Michigan. Our walk along the Grand River provided a non-stop display of Michigan spring wildflowers. We thank Jackie Blanc, Interpreter, at Eaton County Parks, for guiding us through two exceptional nature trails.

Our annual GLC Board Meeting was held May 27th during the spring foray. There were five board members in attendance plus six members from the Traverse area, two from Marquette, and two from the Lansing area. There was a welcomed round of discussion on several activates that the chapter could consider in moving forward.

Open board positions for the 2019 season resulted in the election and appointment of new members. Derek Shiels will take on a new role as GLC President, Liana May, Vice-President, Gin Cawood, Secretary, Phyllis Higman and Irene Eiseman Directors-at-Large. Jim Hewitt has kindly agreed to serve an interim Treasurer until the end of this year. We also would like to extend sincere gratitude to Leslie Kuhn and Jim Hewitt who served as Treasurer and Secretary respectively since the founding of the GLC chapter in 2015. If you would like to join GLC or server as Treasurer or Director-at-Large, please contact Irene Eiseman.

Irene Eiseman, President GLC

## *White Pine Chapter*

This is the 29th year since the White Pine Chapter was founded, and it has been an exceptional year for our members. We have enjoyed the talents of outstanding speakers, and have discovered new ecosystems with expert botanists. We were proud to host the MBC State Spring Foray on May 25-28. Read the Foray article in this fall's Arisaema. Thanks to all of the leaders this year.

Our WPC schedule features both indoor programs and botanical field trips. We meet monthly in winter months at Grand Valley State University free of charge. Our field trips are planned in many diverse ecological areas. We always find new locations to investigate in West Michigan.

On January 20 we had nine WPC photographers present their excellent photos for our Annual Photo Fest. Those that presented were: Marilyn Keigley, Cal Lamoreaux, Jean Karen Freye, Val Lindeman, Sue Chambers, Peg Lepo, Craig Elston, Janet Skeberdis, and Robert Riepma. A special thanks to Robert for running the audio-visual equipment.

On February 10, Dr. Matthew Douglas, professor at Grand Rapids Community College, presented a fascinating program



WPC Planning Committee for MBC 2018 Foray at dinner on June 10.

L to R: Craig Elston, Roger Tharp, Mark Pitzer, Elizabeth Pitzer, Sue Chambers, Dave Chambers, Peg Lepo, Robert Riepma, Cal Lamoreaux, Jean Lamoreaux, Jelanie Bush, Marilyn Keigley, Tamara Lubic, Brian Kincade, Dorothy Sibley.

*Photo by Jean Lamoreaux.*

on “Bracken Ferns.” Next he spoke about Monarch Butterfly migration in Michigan and South America. An outstanding presentation by an expert.

On March 10, Dennis Dunlap, mycologist, presented a colorful program on “A Season of Mushrooms.” We learned about 20 edible mushrooms and other poisonous types. There are over 2000 species of mushrooms in Michigan. A wonderful program.

On April 7, Judge Edward Post, a retired Ottawa County Circuit Court Judge, shared a colorful program on “Adventures In Nature.” Ed showed his photos of birds, wildflowers and vistas throughout the USA. His fantastic photos during the year captured the beauty of his subjects.

On May 25-28, the WPC hosted the MBC State Spring Foray at Bellaire MI at Shanty Creek’s Lakeside Hotel. This was the sixth MBC State Foray we have hosted. The 120 participants were pleased with the programs, 27 field trips, and beautiful northwestern area.

On June 9, Craig Elston led a large group through Hudsonville Nature Center to view many flowering areas in woods, wetlands and prairies. As the Park Naturalist, Craig enhances his tours with information about how the park and its species are constantly evolving.

On July 14, U. S. Forest Ranger Pat Ruta McGhan took us to Loda Lake National Wildlife Sanctuary. Loda Lake is maintained jointly by the U. S. Forest System and Garden Clubs of Michigan. This 72-acre wildflower sanctuary is a gem of Northwest Michigan filled with a variety of blooming plants. Loda Lake is named for Princess Loda, wife of the Potawatomi Indian chief, Simon Pokagon.

On August 11, Bill Martinus led us to a small, private vineyard north of Holland Michigan. We enjoyed a lovely day learning the history and botany of viticulture then viewing a multitude of grape clusters on the vines. We also learned the how wine is processed and bottled. Our hosts, Tom and Kim, along with Bill Martinus, then led us through a wine tasting (or lemonade) which we enjoyed with nibbles provided by Jelanie Bush, Elizabeth Pitzer, and our host, Kim. A special day.

On August 25, our WPC members are invited to join the Southwestern Chapter on a field trip led by Bill Martinus. Allegan State Game Area along the Kalamazoo River is where we will travel.

On September 15, Chip Schaddelee and Bill Martinus will take us to Allegan State Nature Area to see unusual plants and wildlife. These botanists have a great trip planned.

On September 29, the Huron Valley Chapter is hosting an all day Mini-Foray at the Gerald Eddy Discovery Center in Waterloo State Recreational Area.

On October 20, the MBC Big Tree Program Coordinator, Ted Reuschel, will speak about the MBC Big Tree Program. We look forward to this presentation.

On November 17, Sarah Pregitzer and her husband Randy Butters will present a new program on “Environmental Issues”. They have much experience in the subject.

Our chapter does not hold a December meeting due to the holidays.

During this year’s 2018 MBC State Foray, the WPC members sponsored two outstanding university students. This is the twenty first year that our chapter and the MBC Foundation have sent students to an MBC State Foray. Everyone was impressed with these students who gave such a great account of themselves. They were Bethany VanderZand from Grand Rapids Community College and Jonathan Walt from Calvin College.

#### Note of Thanks

The successful meetings and field trips that we enjoy may be attributed to the excellent leaders who share their expertise during every program and field trip. We owe each leader many thanks. We look forward to an active 2019 year full of interesting and informative sessions which will enable our members to learn about the amazing ecology of our state. We are please to continue having new members join us. We have 70 members and look for more.

Dorothy A. Sibley

President, White Pine Chapter



## Southeastern Chapter Report 2017-2018

The fall programs of the Southeastern Chapter began in October with a program entitled “Step Into My Parlor” from the poem about a spider issuing an invitation to a fly. Dorothy McLeer, Program Coordinator for the Environmental Interpretive Center at the University of Michigan in Dearborn, gave a fascinating program about spiders. We learned spider anatomy and the different types of spiders we are likely to encounter in SE Michigan, accompanied by some wonderful photos. In November, Carol Clements, Naturalist at the Nankin Mills Nature Center of Wayne County Parks, gave a program on the ferns of SE Michigan. She highlighted approximately 40 species of ferns that grow in our area and how to identify them. The handouts and photos she compiled and gave to those present will be useful tools in the future. Michael Kost presented our December program “Surveying the Natural Communities of Michigan.” Michael is the one of the authors of the 2014 book *A Field Guide to the Natural Communities of Michigan*, and is the Curator of Native Plants, Matthaei Botanical Gardens and Nichols Arboretum, University of Michigan. His overview of the plant communities of Michigan gave us a renewed appreciation of the incredible diversity of our state.

Our traditional potluck meal was planned for February including a program by Caryle Spence. With a blizzard forecast, we cancelled the program and meal the day before. Several members didn't get the message and were able to get out and come to our meeting location where they shared their meal offerings with each other and the Heritage Park ranger on duty. We'll try to reschedule Caryle's program this fall. “Eyes on the Forest” by Julie Crick, was the program presented in March. As the Natural Resources Educator for MSU Extension, Julie shared this initiative to educate everyone about some invasive forest pests and how to recognize them, in the hopes that infestations can be caught early and treated. Included were Oak Wilt, Hemlock Woolly Adelgid and others. She also spoke about the Sentinel Tree Monitoring program in which individuals choose trees near them and keep watch for any changes they may notice. We can all be citizen scientists by reporting the health of our trees. In April, we learned about initiatives in the Detroit area to encourage rain gardening. Cyndi Ross of Friends of the Rouge [River] and Erma Leaphart of the Sierra Club, Great Lakes Program, presented a program “Rain Gardens to the Rescue.” In a tag team format they shared the issues with storm water run-off in urban areas, the values of a rain garden and the programs, workshops and grants they offer to citizens to encourage rain garden plantings.

We continued our series of field trips to Detroit city parks with a May trip to Rouge Park where Ruth Hart led us on the new Stone Bridge Trail. There we saw some mature trees of a variety of species and a number of beautiful spring ephemerals. Unfortunately, rain cut the trip a bit short. In June, Carol Clements offered a Fern field trip as a follow-up to her

November program. Even though it rained for this trip as well, a number of intrepid folks saw about 20 species of ferns as we hiked trails in Holliday Nature Preserve in Westland.



In July, Mike Losey led another field trip to Shiawassee Basin Preserve near Davisburg. Rain was also predicted for this day, but Mike was willing to lead anyone who came. This 500 acre preserve in Springfield Township, Oakland County, is a wonderful example of a prairie fen and is home to the Poweshiek skipperling, a federally endangered prairie butterfly.

In addition to our sponsored programs and trips we continue to promote the environmental and educational programs of the many other groups in the metro Detroit area who offer them. In April, Emily Nietering and Renee Zimmerman participated in the Romulus ECO Fair representing our Chapter. We took a display board, enjoyed conversations with attendees and passed out brochures. Emily spoke about the MBC-SEC for about 10 minutes to an assembled group. We have approximately 55 membership households in our chapter including 14 new members so far in 2018. We have had many new visitors to our programs this year and hope to continue to offer programs of interest to both seasoned and beginning plant enthusiasts. Three students from University of Michigan-Dearborn were sponsored by the SEC to the 2018 Foray in Bellaire.

The SEC meets on the first Sunday afternoon of the month at 2 pm in the Spicer House at Heritage Park in Farmington Hills. Heritage Park is a lovely undisturbed valley of 211 acres on the Rouge River and features 4 miles of hiking trails through woodland, meadow and wetland habitats and a nature center. We invite all MBC members and friends to visit Heritage Park and join with us for our monthly programs. For more information about our chapter you can visit the SEC page on the MBC website, or email Emily Nietering (President) or Ruth Hart (Secretary/Treasurer) and ask to be included on our email list for programs and field trips.

Emily Nietering

Southeastern Chapter President

Note: The Southwestern Chapter will be in the next issue.

## Treasurer's Report for 2018

2018 Opening Balance: \$71,590. 05

Income:..... \$ 2,995. 03

Total Available:..... \$74,585. 08

Expenses:..... \$ 1,809. 03

Balance:..... \$ 72,776. 05

Gain (Loss)..... \$ 1,186. 00

All chapters paid their 2018 state membership dues totaling \$2,541. 00. Other revenue from interest, donations and as transfer from the Dickinson award fund (\$250) yielded other income of \$425. 65.

The largest expenses were \$1,000 to underwrite the publication of the Great Lakes Botanist, \$250 for the 2018 Dickinson Award to Emily Mydlowski, and \$225 reimbursement for the fall 2017 MBC Mini Foray expenses.

I continue to monitor the MBC cash flow to determine if MBC state treasury will need to raise its chapter charge from \$7 per member (last increase was in 1999). The state treasury has taken on the cost of liability insurance which provides coverage for all 363 members at any chapter or state sponsored activity. The cost of network and web services have increased as well. I will make my recommendation to the state board at the Fall MBC Board Meeting.

Respectfully Submitted,

Robert G. Kelly

MBC State Treasurer



Photo by Kathy Bricker

## Report of the Nominating Committee to the Michigan Botanical Club State Board

July 15, 2018

Re: Certification of the Slate of Officers for 2019- 2020 Term

In accordance with the Michigan Botanical Club Constitution, Article VI (See page 2), nominations for the Slate of Officers are hereby submitted to the Board of Directors for certification. The Nominations report will be published in the Fall Arisaema. If no further nomination petitions have been received by the Chair of the Nominating Committee by September 1, the nominated Slate of Officers are declared elected.

The following nominated Slate of Officers have agreed to serve the term beginning

January 1, 2019 through December 31, 2020. Brief biographies follow after Article VI.:

President: Garrett Crow, Southwestern Chapter Vice President: Dan Skean, Great Lakes Chapter Recording Secretary: Jim Hewitt, Great Lakes Chapter Treasurer: Robert Kelly, Huron Valley Chapter

Corresponding Secretary: Sheila Bourgoin, Huron Valley Chapter

Respectfully submitted,

Tyler Bassett, Southwestern Chapter Director-at-Large

Craig Elston, White Pine Chapter Director-at-Large

Brad Slaughter, non-board member, Great Lakes Chapter

The State Board certified the list of candidates by email.



Photo of Derek Shiels preparing plants for pressing

Photo by Kathy Bricker

Visit the MBC website for more photos: [www.michbotclub/2018-foray-photos](http://www.michbotclub/2018-foray-photos)



Foray Photos by Kathy Bricker

MBC Editor  
Shelia Bourgoin  
447 Saline River Drive  
Saline, MI 48176

Fall 2018

# *Arisaema*



## ***MICHIGAN BOTANICAL CLUB***

The Michigan Botanical Club, the native plant society of Michigan, promotes through its aims, the understanding, enjoyment and preservation of our Great Lakes flora, and the conservation of our natural heritage. The Club is a 501(c)(3) non-profit organization founded in 1941.

### **AIMS**

- Conservation of all native plants.
- Education of the public to appreciate and to preserve plant life.
- Sponsorship of research and publications on plant life.
- Sponsorship of legislation to promote the preservation of Michigan native flora.
- Establishment of suitable sanctuaries and natural areas.
- Cooperation in programs concerned with the use and conservation of all natural resources and scenic features.