



# Arisaema



## Michigan Botanical Club State Newsletter

Volume 17, Issue 1 • April 2011

### Corresponding secretary's report

Welcome to the Spring issue of the Arisaema. The focus of this issue is to give you all of the information about the Spring Foray, hosted by the Southwest Chapter (SWC) and scheduled for Memorial Day Weekend, May 27 - May 30. The registration form is included as an insert to this issue. If you misplace the insert and have access to the Internet, The Michigan Botanical Club website has been completely revamped and has all the information about the Spring Foray. At [www.michbotclub.org](http://www.michbotclub.org), you can register on-line, if you would like. This newsletter is available in color on the website, and some of you may have actually received this electronically. If you would like to be added to the list of those who receive the newsletter electronically, please contact me.

I am the new corresponding secretary of the MBC, and so this is my first time putting together this newsletter. I have been a member of the HVC for more than 30 years, but now I am being called to somewhat more active participation.

We also have a new editor, Brenda Woods, who has done a fantastic job of organizing all of the contributions. Brenda is a technical editor and a freelance writer with a heart for conservation; you can learn more about her by visiting [goldentamarack.wordpress.com](http://goldentamarack.wordpress.com) or [michiganmugsandmeals.wordpress.com](http://michiganmugsandmeals.wordpress.com).

I want to thank all of the contributors to this newsletter. In addition, I want to thank Caryle Spence (previous

corresponding secretary) and Jim Doyle (previous editor), who were especially helpful with this transition.

And let me end by saying, it is not too early to start thinking about your contributions to the Fall newsletter. If you have pictures, poems, artwork, thoughts, or articles that you would like to have considered for inclusion, my contact information is in the MBC Directory on pages 8 and 9 of this newsletter.

I'm looking forward to meeting more of you at the 2011 Spring Foray!

— Mary Danforth



Spiderwort; photography by Eric Preston

### Table of Contents

Corresponding secretary's report	1	Michigan Botanical Foundation Report	10
President's report	2	In Memoriam: Frederick W. Case, Jr.	11
Michigan Flora Online	2	Editor's report for The Michigan Botanist	11
2011 Spring Foray	3-6	Huron Valley Chapter is 50 years old!	12-13
Dr. Doyle: Arisaema editor, 1995-2010	7	MBC, Inc., Treasurer's Report	13
Back issues of Arisaema	7	October 3, 2010 meeting minutes	14-15
Housekeeping	7	January 15, 2011 meeting minutes	15-16
2011 Directory	8-9	Spring Foray and Fall Meeting Schedule	16

## President's report

### Greetings from your MBC president,

I would like to thank Pam Laureto for her eight years of service as MBC president and for taking over as president of the Michigan Botanical Foundation. And to thank Pat Fields for all his work on the Michigan Botanical Foundation.

Sadly, one of our founding members, Fred Case, has passed away. Fred was an internationally known botanist and horticulturist and gave many outstanding presentations to the club. He will be greatly missed by MBC.

This year is the 70<sup>th</sup> anniversary of the Michigan Botanical Club. Originally known as The Michigan Wildflower Association, the club has its roots in the Upper Peninsula of Michigan at Trout Lake. It was formed on May 31, 1941, at the first Hiawathaland Wildflower Festival, which was held at Phil DeGraff's Birchwood Lodge. The Festival was jointly sponsored by the Trout Lake Civic Club and the Michigan Conservation Department. About 50 people interested in wildflowers and other aspects of conservation gathered there and, during the meeting, decided to form a permanent organization dedicated to the preservation of wildflowers and other plants that were in danger of becoming extinct due to commercial exploitation.

You can read more about the history of the club by going to <http://michbotclub.org/about-us/mbchistory/>.

I am delighted to report that Michigan Flora is now online, thanks to Tony Reznicek, Ed Voss and Beverly Walters. You can visit the website at <http://michiganflora.net/>.

I look forward to meeting all of you at MBC activities. Please feel free to contact me with any concerns or suggestions you may have.

Sincerely,  
Judy Kelly  
President  
Michigan Botanical Club

## Michigan Flora Online

In time for the next field season, the new Michigan Flora Online website, <http://michiganflora.net/>, is available for all vascular plants. As in the three-volume Michigan Flora, the site includes keys to families, genera and species, plus maps and discussion; but in addition, the site has color photos of many species, and we are interested in adding to our photos coverage.

Names – including family assignments – are updated from Michigan Flora to take into account recent research in plant systematics, and the maps are also updated to reflect numerous new collections from Michigan – almost all by Michigan Botanical Club members.

Another addition to the published Michigan Flora is that this site includes treatments for all the ferns. Lists of all the changes in family assignments, and now names and species, are provided as separate documents. All these changes and updates will also be available in a one-volume print version, costing about \$25. This version is due out later this year, hopefully still in time for much of the field season.

The site also includes searching capabilities that allow generation of lists of all species documented from any county or set of counties, and the ability to download these lists into a spreadsheet. These lists can also be modified by selecting specific families or genera, life form (Physiognomy – trees, shrubs, forbs, grasses, sedges, ferns, etc.), wetness index, state status, native versus adventive, and coefficient of conservatism. This allows generation of customized lists for various purposes; for example, all native woody plants, all wetland grasses, etc. for any county or for the entire state.

We invite all botanists not only to use the website, but to contribute to it in the form of new records – documented by specimens – and photos.

— Tony Reznicek



Butterfly weed; photography by Eric Preston

## Spring Foray 2011: May 27-30

The 2011 Michigan Botanical Club Spring Foray will be hosted by the Southwestern Chapter and the Fernwood Botanical Garden and Nature Preserve in Niles, Michigan. Field trips will include guided visits to the most significant natural areas in Southwest Michigan. We are also working in conjunction with Sarett Nature Center to offer a Recreational Tree Climbing Course with instructor Dick Flowers.

There are a few changes in the registration process this year. We are now offering the convenience of online registration, with options for paying for your registration online, or at the door. You can also sign up for your sessions right on the Michigan Botanical Club website. Registration is a two-step process: first register for the Foray, then sign up for the sessions you would like to attend. You can still mail in your registration information as before, using the form in this publication.

### What to Bring

Be prepared for a variety of weather conditions and for walking in a range of habitats, some of which will be wet. Wear good walking shoes or boots and, depending on which field trips you sign up for and on the weather, you may also want to bring rubber boots. Other recommended items are: a hat, sunscreen, insect repellent, water bottle, raingear, umbrella, hand lens, camera, binoculars, field notebook, field guides and other reference books. Coolers will be provided for lunches on the all-day trips.

### Student Scholarships

Each chapter is responsible for arranging the hotel reservations and transportation for its sponsored scholarship students. Students should complete and send in their Foray registration form with their field trip selections as soon as possible. Each chapter should pay the required registration and meals cost to the host chapter for each scholarship student. After selecting its student scholarship recipient, each chapter should request its scholarship funds directly from the MBF Treasurer, Robert Sabine (██████████). It is recommended that chapters select their student scholarship recipients by late April.

Any student wishing to attend that does not have a Foray scholarship may pay the reduced registration and meal price for students with the proper ID.

Chapters wishing to find roommates for their students may contact the Registrar.

### Registrar information

Registrar: Andy Sawyer

Email: ██████████

Address: 1117 State Street  
Saint Joseph, MI 49085

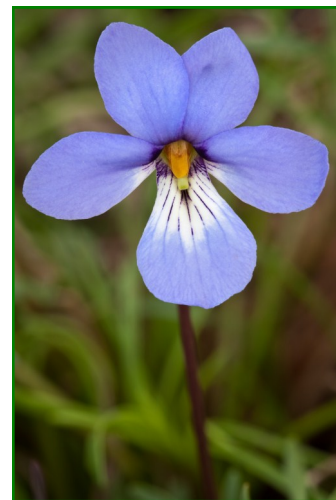
### The botanical setting of far southwestern Michigan

Herman Silas Pepon may have been the first to provide a detailed account of the region in his "An annotated flora of the Chicago area," published in 1927. Floyd Swink and Gerould Wilhelm (Plants of the Chicago Region) will certainly not be the last. We hope to have a thrilling, albeit brief, go of it during the 2011 Foray. We are the next in a long line of determined botanists.

The very southwestern tip of Michigan experiences a dynamic climatic, and thus floristic, zone. The fringes of the "prairie peninsula" barely extend as far, a relic of the warm and dry hypsithermal period between 4,000 and 8,000 Years Before Present (YBP). The range of the eastern tallgrass prairie, and its characteristically showy flora, blends with that of the eastern deciduous forest biome. As a region, it is truly rich.

Lake Michigan moderates the climate; moving eastward from the lake, a stair-step of old dunes from glacial stages of Lake Michigan and Lake Chicago are evident. Great bands of end moraines parallel the lakeshore, interspersed with flat lakeplain and flowing glacial outwash. This complex geology, combined with historical climatic shifts, has yielded an exciting region where several species are at their southern, northern, and eastern range limit. The southern limit of eastern hemlock and the northern mesic forest blend with species assemblages reminiscent of the southern states within floodplain forests, isolated pockets of species disjunct from the Atlantic Coastal Plain, and occasional relicts of the once-broad prairie of the Great Plains to the west.

Stay tuned to the Michigan Botanical Club website ([www.michbotclub.org](http://www.michbotclub.org)) as sources of information are added about the plants and plant communities of southwest Michigan, and where you can go to see them.



Bird's foot violet; E. Preston

## Spring Foray 2011 schedule

### Friday, May 27

- 4:00-7:00** Registration at Fernwood Visitor Center  
*(Dinner on your own)*
- 7:00** Welcome and Orientation
- 7:30** Evening Program in Gallery:  
Bradford Slaughter, Michigan Natural Features  
Inventory  
*“Oh, the Places You’ll Go: The Ecological  
Legacy of Southwestern Michigan”*

### Saturday, May 28

- 8:30** Departure of all morning and all day field trips  
from Fernwood parking lot. *(Breakfast on your  
own)*  
**Pick up box lunch at this time.**
- 12:00** Return to Fernwood from morning field trips
- 1:00** Departure of all afternoon field trips from  
Fernwood parking lot
- 4:00** Afternoon and all day field trips return to  
Fernwood
- 4:00-6:00** Free time to clean up, take a nap, key-out  
plants, etc.
- 5:00-6:00** Michigan Botanical Foundation Annual Meeting  
in Chase Classroom
- 6:00-7:00** Buffet dinner in Gallery
- 7:00-7:30** Announcements and presentation of  
Distinguished Service Award
- 7:30-9:00** Evening Program in Gallery:  
Tony Reznicek, University of Michigan Herbari-  
um  
*“What Changes More, the Flora or the Plant  
Names?”*

### Sunday, May 29

- 8:30** Departure of all morning and all day field trips  
from Fernwood parking lot. *(Breakfast on your  
own)*  
**Pick up box lunch at this time.**
- 12:00** Return to Fernwood from morning field trips
- 1:00** Departure of all afternoon field trips from  
Fernwood parking lot
- 4:00** Afternoon and all day field trips return to  
Fernwood
- 4:00-6:00** Free time to clean up, take a nap, key-out  
plants, etc.
- 5:00-6:00** Michigan Botanical Club State Board Meeting in  
Chase Classroom
- 6:00-7:00** Buffet dinner in Gallery
- 7:30-9:00** Announcements and MBF and MBC meeting  
reports
- 7:30-9:00** Evening Program in Gallery:  
William Burger, The Chicago Field Museum  
*“How Flowers Changed The World!”*

### Monday, May 30 *(Breakfast on your own)*

Monday field trips are on your own. Suggested trips include Sarrett Nature Center, Fernwood Botanical Gardens and Nature Preserve, Fort St. Joseph, Love Creek Nature Center. More information will be available in the registration area.

If you have a question, please contact Tyler Bassett via e-mail:

████████████████████



## Spring Foray 2011 field trips

Saturday, May 28		
Morning	Afternoon	All Day
<b>Champion Tree Tour</b> with Andy Sawyer	<b>Champion Tree Tour</b> with Andy Sawyer	<b>Tree Climbing Workshop</b> with Dick Flowers
<b>Trillium Ravine</b> with Ken Kirton	<b>Walking Ferns</b> with Dave Wendling	<b>Russ Forest and Westrate Farms</b> with Bill Westrate
<b>Grand Mere State Park</b> with Todd Barkman	<b>A Field Trip with Gerould Wilhelm</b> location TBA	
<b>Fernwood Botanical Garden</b> with Lynda Pelkey	<b>Indian Bowl</b> with Kip Miller	

Sunday, May 29		
Morning	Afternoon	All Day
<b>Sarett Nature Center</b> with Chuck Nelson	<b>Andrews University Arboretum</b> with Stan Beikmann	<b>Tree Climbing Workshop</b> with Dick Flowers
<b>Mud Lake Bog</b> with Pat Underwood	<b>Warren Woods State Park</b> with Bill Burger	<b>Big Rock Valley/ Ed Lowe Foundation</b> with Lynn Steill & Mike McCuiston
<b>Robinson's Preserve</b> with Anita Riess	<b>Warren Dunes State Park</b> with Mike Latus	<b>Sebert Property and Bendix Woods</b> with Scott Namestnik
<b>Dowagiac Woods</b> with Paul Olexia and John Rippon	<b>Plant Collection Workshop</b> with Josh Springer	

### **Sarett Nature Center with Chuck Nelson**

The highlight of this trip will be the wheelchair-accessible Tree Top Tower, which provides an impressive opportunity to experience the forest canopy from 70 feet above the forest floor.

### **Plant Collection Workshop with Josh Springer**

Learn standard plant collecting techniques such as: selecting the right individual(s), pressing to show diagnostic characters, what information to record, and plant collecting ethics.

### **Warren Woods with William Burger**

Warren Woods is a classic example of an old growth Beech/Sugar maple forest climax ecosystem. The tour will feature the grandeur of the forest, the East-Asian—Eastern North American disjunction, and the tallness of the trees.

### **Indian Bowl with Kip Miller**

Indian Bowl is a seep-riddled area located along a floodplain bend of the St. Joseph River that may contain the largest undisturbed prairie fen in Michigan. Access to the area is challenging, so this rugged outing is restricted to 14 participants.

### **Andrews University Campus Arboretum with Stan Beikmann**

In 1991 an 'arboretum concept' was adopted to use the woody plants of the main university campus. Rare and interesting trees are some of the woody species observed.

### **Warren Dunes State Park with Mike Latus**

This 1,500-acre preserve is one of the most popular parks in Michigan, with up to 2 million visitors a year. It's a classic Lake Michigan dunes ecosystem. Bring sun screen, good hiking shoes and a hat.

### **Robinson's Preserve with Anita Riess**

This Michigan Nature Conservancy property is an old farm that has been allowed to return to various stages of secondary succession. The hike will be on sandy soil. Wear long pants and boots.

### **Fernwood Prairie & Arboretum Field Trip with Lynda Pelkey**

Fernwood's 5-acre tallgrass prairie reconstruction began in 1976. The 40 acre arboretum was begun in 1971; it contains trees and shrubs from temperate regions around the world. This is an easy walking trip.

### **Grand Mere State Park with Todd Barkman**

Grand Mere State Park is a 1,127-acre property, now designated as a National Natural Landmark and identified as a Critical Sand Dune Area by the State of Michigan.

### **Mud Lake Bog with Pat Underwood**

Mud Lake Bog is a 66-acre parcel containing one of the best examples of a true bog to be found this far south in Michigan.

*(continued on next page)*

## Spring Foray 2011 field trips; accommodations

(continued from previous page)

### **Sebert Property & Bendix Woods Nature Preserve with Scott Namestnik**

During this field trip, we will spend several hours at two very different northern Indiana forest communities.

### **Westrate Farm/Russ Forest/Dodd County Park with Bill Westrate**

Bill will show us the Westrate farm with various environmental and habitat improvement projects in progress along the upper Dowagiac Creek. He will then take us to Russ Forest, an MSU owned research forest. This is a full-day trip.

### **Big Rock Valley & The Edward Lowe Foundation property with Mike McCuiston and Lynn Steill**

Home to the Edward Lowe Foundation, Big Rock Valley features 2,600 acres of woodland, farmland, wetland and prairies. The physical demands of both parts of this trip will be easy, though boots may be needed.

### **Dowagiac Woods with Paul Olexia and John Rippon**

Dowagiac Woods is a nature preserve owned by the Michigan Nature Association and well known for its display of spring wildflowers. The trail we will follow is an easy loop approximately 1 mile in length.

### **Walking Fern/Virginia Chain/Quillwort Sites with Dave Wendling**

After a short 10-minute hike and steep slope climb, you will visit one of the more rare Michigan ferns, the Walking fern (*Asplenium rhizophyllum*). Boots or wading shoes will be needed to see the aquatic Spiny-spored quillwort (*Isoetes echi-nospora*). It will include a 10-minute walk along the shore.

### **Trillium Ravine with Ken Kirton**

Trillium Ravine is a 15-acre preserve that features a spectacular display of spring ephemerals, including thousands of *Trillium grandiflorum* and good numbers of *Trillium sessile* and *Trillium recurvatum*. The walk is easy, scenic and shady.

### **Tree Climbing Workshop with Dick Flowers**

This class teaches the techniques for accessing the canopy area of tall trees via ropes and hardware. All necessary equipment will be provided. Registration for this workshop is handled by the Sarett Nature Center and you must call them at [REDACTED] to register. Please have your waist size ready when registering for saddle sizing.

### **Champion Trees Tour with Andy Sawyer**

Join Andy Sawyer on a half-day caravan tour of some of our majestic National and State Champion Trees in Berrien and Cass Counties. We will plan on carpooling, drivers will be greatly appreciated, and directions will be provided for drivers.

### **Fernwood Botanical Garden and Nature Preserve**

13988 Range Line Road

Niles, MI 49120

Phone: (269) [REDACTED]

[www.fernwoodbotanical.org/](http://www.fernwoodbotanical.org/)

### **Directions to Fernwood**

From Kalamazoo/Ann Arbor/Detroit: Take I-94 to Napier Rd. (exit 30). Go east on Napier Road about 1 mile to US-31 and proceed as below.\*

From Grand Rapids: Take US-131 south to I-94 (exit 34). Go west on I-94 to Napier Road (exit 30). Go east on Napier Road about 1 mile to US-31 and proceed as below.\*

From South Bend: Take US-31 north and proceed as below.\*

**\*From US-31:** take Walton Road (exit 7) off US 31 and go west (toward Buchanan) 1.7 miles to Range Line Road. Turn right on Range Line Road and travel 1.7 miles to the Fernwood entrance. Look for signs for Fernwood Botanical Garden along both US 31 and Walton Road.

### **Accommodations**

The Holiday Inn Express in Niles is the main hotel for the 2011 Spring Foray. Discounted room reservations at this hotel may be made by calling Joan Witman at [REDACTED] Monday through Friday, excluding Wednesday, between the hours of 7 a.m. and 3 p.m. Let her know you are with the MBC Spring Foray. The discounted rate is \$85/night; breakfast is included, but reservations must be made before April 28th.

The Holiday Inn Express Hotel Niles is just over 10 miles away from Fernwood, less than a 20 –minute drive.

Holiday Inn Express Hotel Niles

1265 South 11th Street

Niles, MI 49120

[REDACTED]  
hiexpress.com

### ***Directions off I-94***

- Take I-94 to Napier Road (exit 30). Go east on Napier Road about 1 mile to US-31.
- Take US-31 south about 20 miles.
- Merge onto Pulaski Hwy/US-12 E via exit 3 toward Sturgis/New Buffalo
- Take the M-51/US-12-BR ramp toward Niles/South Bend
- Turn left onto S 11th ST/US-12-BR/M-51.
- 1265 S 11th ST is on the right after about 1 mile.

Please see our website for additional accommodations, [www.michbotclub.org](http://www.michbotclub.org).

## Dr. James D. Doyle: Editor of The MBC Arisaema, 1995-2010

It has been my privilege to work with Dr. James Doyle during the years that he has been the editor of the Michigan Botanical Club (MBC) Arisaema, the state newsletter for the Michigan Botanical Club.

In January 1985, my sister Beatrice and I took the responsibility of editing, publishing and mailing the MBC State Newsletter. At that time, the newsletter had not been published for more than two years. We instigated the practice of mailing every member a copy of the MBC State Newsletter. Until that time, copies were dispensed at meetings, so many members never received a newsletter. We sent out at least three issues of the newsletter every year, and a large, special edition celebrating the 50<sup>th</sup> anniversary of the MBC in 1992.

After the White Pine Chapter (WPC) was founded in 1989, Jim Doyle was one of the first members to join this newest chapter of the MBC. Jim led us on many field trips, and presented excellent programs during the winter months. Jim was always available to help our chapter when we needed assistance with programming.

Our WPC was asked to host our first MBC State Spring Foray in 1993, and Jim Doyle was responsible for helping set up the schedules, and he also led many of the field trips. As a botany professor at Aquinas College, Dr. Doyle was instrumental in helping the White Pine Chapter secure meeting locations at Aquinas for the MBC Fall State Meetings, as he did in 1994, 1999 and again in 2004. This assistance was invaluable to the success of the meetings.

The most remarkable service this busy, full-time botany professor ever agreed to do was to tell me that he would gladly help publish the MBC State Newsletter. Jim Doyle is a master at computer techniques, and he made a major contribution in the design and printing of the newsletter. He typed every article in his computer, set up a new style for the publication and brought the MBC newsletter up to the standard of other professional journals.

Dr. Woody Ehrle was MBC president in 1995, and he suggested the name "Arisaema" for the newsletter, which identified the MBC logo, the Jack-in-the-Pulpit. Jim made the new headline banner for the first issue of our revised and improved

MBC newsletter edition of April 1995.

As editor, Jim made many revisions in the MBC Arisaema, such as including articles written by members dealing with botanical subjects. He also encouraged university students to submit their botanical essays. Some of our best Arisaema issues include these types of reports. Members sent original poetry and many excellent photographs. It was my pleasure to draw wildflowers in spaces that Jim left on the printed page. It was a lot of work, but we enjoyed it.

Dr. James Doyle was awarded the MBC Distinguished Service Award in 1998. Never was a member more deserving than Jim. All of the hours of work to fit articles in an interesting format, and to resolve problems including late arrivals of material, were part of this busy professor's job as editor. As are all members of the MBC State Board, Jim's position as Arisaema editor was as an unpaid volunteer.

In 2005, Jim left Aquinas College to teach botany at Paradise Valley College in Phoenix, Arizona. However, Jim continued as Arisaema editor even though he had moved way out west to Arizona. Everything had to be e-mailed to him and then put in the newsletter format. After the final master copies were finished, he sent them to me to draw wildflowers, make borders or insert photographs in some spaces. Then I had the final copy printed and mailed to all members. For the last two years, Caryle Spence has taken on the duties of having Arisaema printed and mailed.

Now that Dr. James Doyle has left as editor, it is fitting that we let Jim know how much we appreciate the service he has performed during his 15 years as MBC editor of Arisaema. We owe him a debt of gratitude for all of the fine work he has done to make our newsletter match other professional journals. The Arisaema has brought our MBC members together by publishing officers' reports, members' essays, poetry, photographs and news of our Michigan Botanical Club.

Thank you, Jim, for your fine contribution to the MBC!

Dorothy A. Sibley  
President  
White Pine Chapter

### Back issues of Arisaema

As stated in the previous issue of Arisaema, Caryle Spence will not be bringing back issues of The Michigan Botanist to the 2011 Foray. If you would like a certain issue, please either call or write Caryle, and she will bring that issue to the Foray.

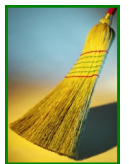
Phone: (248) [REDACTED]

Address:

Ms. Caryle Spence  
717 Grace Street  
Northville, MI 48167

### Housekeeping

In the September 2010, Volume 16, Issue 2 Arisaema, on page 2 there is a mushroom photo that was mislabeled. The mushroom labeled as a Bolete is in fact an Amanita.



## Michigan Botanical Foundation report

In my fall 2010 report, I described several goals that the Michigan Botanical Foundation's board had planned for the upcoming year. I am happy to report that we are making great progress toward meeting those goals. In the fall, the Michigan Botanical Foundation (MBF) treasurer, Bob Sabine, and I met with the Foundation's financial advisor and reviewed our financial portfolio. Despite the sluggish economy, the Foundation's portfolio is doing well and our assets continue to grow. We hope this will translate into funding an increasing number of grants in 2011.

A second goal was to review the MBF Articles of Incorporation and Bylaws. Over recent months, the board has spent many hours working on this project. We sought advice from an attorney who specializes in non-profit organizations in order to ensure that we are complying with the IRS guidelines for non-profit corporations. We have clearly defined the purpose and goals of the MBF and clarified its organizational structure and operating procedures. We continue to develop some policy guidelines which will help this board and future boards to meet the mission of the Foundation.

Finally, we have prepared new "Grant Application Guidelines," which clearly detail our funding goals, application guidelines, and expectations of grant recipients. The guidelines are available on the MBF page of the MBC website. I also sent a copy of the guidelines to the individual MBC chapter presidents for distribution to interested club members.

The Michigan Botanical Foundation board sends our sincere thanks to the members of the Michigan Botanical Club for your continued support over the years. Our 2010 annual fund drive was very successful and we send a special thank you to all those who contributed during the 2010 calendar year.

### 2010 Donors

Anonymous  
Ralph Babcock  
Jocelyn Baker  
David Bradley  
John and Pat Case  
Kay Caskey  
Ranessa L. Cooper  
Becky Csia  
Mary Ann Czechowski  
Allison Daley  
Michael C. Davis  
Irene Eiseman

Pfizer Foundation  
Ron Gamble  
Steven Garske  
Alan I. Gebben  
Lynden B. Gerdes  
Kim Herman  
Robert A. Kahl  
Pamela J. Laureto  
Robert Liebermann  
Dorothy McMeekin  
Emily Nietering  
Lynda L. Pelkey

Douglas Powless and Heather Sahli  
Robert E. Preston  
Dana L. Richter  
Marian Roecker  
Stephen and Barbara Ross  
Bobbi and Bob Sabine  
Ruth E. Schmitter  
Donna N. Schumann  
Ian Shackelford  
Robert Tatina  
Kathleen Thomson

### Grants Awarded in 2010

MBF 2010-01: \$1014.86 for MBC Joan Robb Student Foray Award. Four Chapters (WPC, SEC, WPC, and SWC) were awarded grants to sponsor one student to the MBC Spring Foray.

MBF 2010-02: \$150 to HVC (Irene Eiseman) for best student authored botanical projects presented at the Southeast Michigan Science Fair.

MBF 2010-03: \$400 to HVC (Larry Nooden) to partially fund the Doug Tallamy lecture in April 2011.

MBF 2010-04: \$1750 to Dr. Mark R. Luttenton, Grand Valley State University, Allendale, MI to study the distribution and hybridization of the invasive cattail *Typha angustifolia*.

MBF 2010-05: \$1500 Global ReLeaf of Michigan (Gail McPherson) to partially support the Michigan Big Tree Hunt Contest (2010-2011). Champion tree nominations will be forwarded to Andrew Sawyer, MBC Big Tree Coordinator, for possible inclusion in the Michigan Big Tree Registry.

MBF 2010-07: \$1000 to Aunita Erskine (Coordinator of the Stewards of Shanghai Prairie, Ann Arbor, MI) for restoration work at the Shanghai Prairie, a 15-acre natural area owned by Saint Joseph Mercy Health System in Ann Arbor, Michigan. This is one of the few intact prairie flora communities in southeast Michigan. It contains at least three known special concern and two threatened species.

Respectfully submitted,

Pamela J. Laureto, Ph.D.  
President, Michigan Botanical Foundation



## In Memoriam: Frederick W. Case, Jr.

With deep sadness, we note the passing of one of our most eminent members, Fred Case, on January 12, 2011, at age 83 years.

Fred Case was a dedicated teacher who inspired students to study plants. He taught biology and natural science at Arthur Hill High School in Saginaw, Michigan, and gained a number of honors, including Outstanding Biology Teacher in Michigan in 1971, and Outstanding Science teacher in 1987.

Fred was a great photographer and a superb speaker, much in demand internationally. His lectures were diverse, but especially focused on wildflowers, trilliums, orchids, western American alpinists, woodland plants, and bog plants. They always generated enthusiasm, were filled with original information, and were never too short. He was always willing to speak to the Michigan Botanical Club, and spoke at several Spring Forays, always skillfully using two projectors. In recognition of his teaching and outreach efforts, the American Society of Plant Taxonomists gave Fred the prestigious Peter Raven Award in 2003. This award is “to a plant systematist who has made exceptional efforts at outreach to non-scientists.” In honor of his life-long contributions to the Michigan Botanical Club, starting with being a founding student member of the Club in 1941, The Michigan Botanical Club gave Fred its Lifetime Achievement Award in 2010.

We owe to Fred a number of highly regarded books, all of which contain information relevant to Michigan botany. His first and probably best known book was *Orchids of the Western Great Lakes Region*, first published in 1964, with a revised edition in 1987. In 1978, we saw *Wildflowers of the Northeastern States*, in the *Wildflowers of the United States Color Slide Series* from the New York Botanical Gardens. The text was accompanied by 35-mm slides, and this is now somewhat of a collectors' item. *Wildflowers of the Western Great Lakes Region* (1999), with James R. Wells and T. Lawrence Mellichamp, was a more complete and modern rendition. This is a beautiful book with numerous high quality photos. Finally, his 1997 book, *Trilliums*, co-authored with his wife Roberta Burckhardt (“Boots”) Case, who passed away in 1998, was an instant classic.

He had been a research associate with the Cranbrook Institute of Science, The University of Michigan Matthaei Botanical Gardens, and the University of Michigan Herbarium. He also made significant contributions to the Michigan Flora project, especially with many hundreds of important herbarium specimens.

Many Botanical Club members remember Fred for his mentoring and kindness to beginning botanists, his willingness to open his magnificent garden to tours and individual visitors, and his generosity with his knowledge of all things natural. We will miss him greatly.

Survivors include a son and daughter-in-law, David B. and Sheri Leaman Case, and three granddaughters. Friends planning an expression of sympathy may wish to consider the Nature Conservancy of Alabama, Roberta Case-Pine Hill Reserve, the Michigan Nature Association, the Children's Zoo at Celebration Square, or the charity of their choice.

— A.A. Reznicek



## Editor's report for The Michigan Botanist

As my fifth year as editor of *The Michigan Botanist* is behind me, I look back fondly upon our accomplishments, and am even more excited about the future of our journal.

First of all, it is noteworthy that 2011 marks the 50<sup>th</sup> year of publication of *The Michigan Botanist*! What does this mean? One way to appreciate this milestone is to consider that we have published approximately 6,000 pages of material covering botany in the Great Lakes region since 1962. Another way of looking at this is that it means that the Michigan Botanical Club has shown a sustained, 50-year dedication to promoting education and research on plant life in the Great Lakes through publication of *The Michigan Botanist*. As a result, the journal serves as the primary avenue through which studies of Great Lakes botany are published. Without it, many manuscripts may never have been published and therefore, the results would not have been disseminated.

Although I may be biased, it is safe to say that *The Michigan Botanist* has served a crucial intellectual and conservation role over the past half-century by publishing, and therefore preserving, knowledge on basic plant biology. The past five years have been focused on several goals/initiatives, one of which includes continuing the long tradition of publishing peer-reviewed manuscripts, which ensures that the highest quality papers result.

This is a tradition that most journals implement, whereby one or more experts critique each manuscript to ensure, as much as is possible, that the work is error-free and rigorously carried out. The list of reviewers is too extensive to publish here, but without the volunteered efforts of these people, *The Michigan Botanist* would not be the sound, established journal that it is today.

Finally, what does the future hold? In the coming months, *The Michigan Botanist* will become available via the World Wide Web. This digital version of the journal will complement the printed version of the journal, and will enhance our visibility to the world, thereby ensuring that this important publication continues to be widely read for the next 50 years!

— Todd Barkman, editor, *The Michigan Botanist*

## Huron Valley Chapter is 50 years old!

It almost slipped by, but this has been the 50<sup>th</sup> anniversary of the founding of the Huron Valley Chapter!

According to Herbert E. Conant's 1984 History of the Michigan Botanical Club<sup>1</sup> (MBC), March 21, 1960 was the organizational meeting for a chapter in the Ann Arbor-Ypsilanti area.

Going back into history, the first state-wide botanical club, originally named the Michigan Wildflower Association (MWA) and founded in 1941, agreed that "regional chapters be encouraged." By 1942, the following chapters were organized and/or affiliated with MWA/MBC: the Bay County Wildflower Association; a chapter in Marquette; the Saginaw Wildflower Association Junior Chapter, of which Fred Case was the first president [see page 11 of this newsletter]; the East Grand Rapids Junior Chapter; and a Copper County chapter in Houghton, Michigan. In 1944, the Southeastern Chapter formed for the Detroit area; in 1957, the Northwestern Chapter formed in Traverse City; 1960, the Huron Valley Chapter for Ann Arbor-Ypsilanti area; 1970, the Red Cedar Chapter in

East Lansing; 1968, the Southwestern Chapter; and in 1989, the White Pine Chapter on the west side of the state formed. None of the chapters from 1942 exist today, although there have been several attempts to revive the Northwestern Chapter.

Chapters for the Ann Arbor-Ypsilanti area and for the Lansing area were proposed at the June 15, 1945 State Board of Directors Meeting of the Michigan Wildflower Association (the name was changed to Michigan Botanical Club in 1949). Genevieve Gillette was asked "to explore the possibilities," but no serious attempt was made to form such a chapter until the spring of 1960, even though Miss Gillette [an Ann Arbor resident] again brought up the proposal at a board of directors meeting on February 29, 1948; some people expressed the fear that the botanists of the University of Michigan would dominate the chapter. (Why this would be so or why it would be undesirable was not made clear, but this may explain the delay in starting the chapter). Finally, at the Winter 1960 State Board of Directors meeting of the Michigan Botanical Club, president Richard Giles "appointed Drs. Alex Smith, Elzada Clover, and Edward Voss to start the often discussed Ann Arbor-Ypsilanti chapter. Miss Gillette presented \$5.60 to start the treasury of the new chapter and Rogers McVaugh contributed \$2.00."

A discussion meeting was held at Drs. Alex and Helen Smith's home. More than 60 interested persons attended an organizational meeting at the University of Michigan's old Botanical Gardens on March 21 (from the report of April 3, 1960 State Board Meeting).

"Temporary officers were elected and a committee was appointed to draft a constitution." Those attending the next meeting adopted a constitution, selected the name "Huron Valley Chapter" (HVC), and appointed a committee to nominate "a slate of officers for the remainder of the club year and the following year." At an April 25 meeting, president Charles Barclay, vice president Lyle Tiffany, secretary Barbara Bowen, and treasurer Jennie Dieterle were unanimously elected. Early projects tackled by the chapter were "the improvement of the nature trail in the Waterloo Recreation Area," and improvement of the Eberwhite Woods trail used by the Ann Arbor Schools. "Field trips were planned ... " In May 1960, the state board granted the request to establish the Huron Valley Chapter of the Michigan Botanical Club.

"The Huron Valley Chapter held their meetings successively in the old Ann Arbor High School, the University of Michigan Natural Science Building, Eastern Michigan University in Ypsilanti, and finally, in the Matthaei Botanical Gardens auditorium, where they continue to meet on the third Monday evening of each month, except for December and the summer months." According to Conant's history, the chapter has presented prizes for botanical and conservation exhibits at science fairs and at the Washtenaw County 4-H Fair.



Purple fringed orchid; photography by Eric Preston

## MBC, Inc., Treasurer's Report

“Probably their most noteworthy accomplishment has been the assistance and encouragement given to the quarterly publication of the Michigan Botanical Club [journal], *The Michigan Botanist*,” however, the preservation of Horner Woods and other sites ranks high. The 1984 membership was well over 100.

In 2011, membership stands at around 85. The chapter is still going strong with a great variety of programs.<sup>2</sup> Evening meetings are open to the public free of charge, with an average attendance of around 50; occasionally, there is standing-room-only for invited speakers co-sponsored with other groups. For 40 years or more, we have been fortunate to have club artists who have been drawing meeting flyers. A January potluck has become a most enjoyable tradition. Field trips include botanizing new areas, surveying and/or restoration work, e.g., Horner Woods (HVC property donated by Helen and Alex Smith, and later donated to the University of Michigan in the 1960s).

HVC revived the giving of awards for the best botanical projects at the Southeast Michigan Science Fair, which has stimulated more and more botanically related projects. In the 1990s, we developed and maintained a MBC booth displaying member photographs of plants and club activities at the Ann Arbor Flower and Garden Show until the last exhibition in 1998. Because of the big investment in display materials, a display board was purchased, which now informs members and visitors alike at our meetings and sometimes at other community events.

Some of HVC's conservation activities have included: efforts to save old growth forest in Lower Huron Metropark from being developed into a golf course; and helping keep a boat launch out of Point Rosa marsh in Metrobeach Metropark. Representatives have taken an active role in the Clinton-Huron Ecosystem Coalition, played an active part in Humbug Marsh preserve (acting as guides, making botanical surveys, etc.) and the establishment of the Detroit River International Wildlife Refuge. HVC representatives are currently helping with revitalizing the Belle Isle natural areas, and helping sponsor Shanghai Prairie restoration, Walpole Island surveys for the First Nation, and invasive plant removal in Horner Woods, Waterloo Recreation Area and elsewhere. We are grateful to have so many, amateur and professional members dedicated to the mission of the Michigan Botanical Club. We look forward to another 50 years of enjoyable activities and many contributions to our region.

— Sarah Nooden, with thanks to Irene Eiseman and Larry Nooden for their input

- 1 The Michigan Botanical Club: An Early History by Herbert E. Conant, 1984; see [www.michbotclub.org](http://www.michbotclub.org). This history was the source of much of the information used in this article.
- 2 See old Arisaema chapter president's reports

<b>Inflows</b>		
<i>Membership Dues</i>		
Huron Valley Chapter	\$546.00	Dues paid thru '10
Red Cedar Chapter	\$210.00	Dues paid thru '10
Southeastern Chapter	\$711.00	Dues paid thru '10
Southwestern Chapter		Dues paid thru '09
White Pine Chapter		Dues paid thru '09
State Members (Non-affiliated)	\$1,913.00	
Total Membership Dues	\$3,380.00	
Collected for MBF YTD (sent in w/ state dues)	\$196.00	
Interest Earned	\$1,111.43	
Hanes Trust (MB Business Manager Stipend)	\$2,000.00	
<b>Total Inflows</b>	<b>\$6,687.43</b>	
<b>Outflows</b>		
Arisaema Printing & Postage	\$1,869.27	
Award, Distinguished Service	\$323.78	
State of MI 09 Non-Profit Registration Fees	\$20.00	
Project Expenses: MEC Membership	\$100.00	
Office Expenses, Postage, Labels, Checks	\$20.05	
Network Solutions (domain hosting '10-'15)	\$159.95	
Paid to MBF (donations w/ membership dues)	\$371.00	'09-'10 donations
Michigan Botanist Annual Assistance	\$1,000.00	
Michigan Botanist Subscriptions (Special Members)	\$387.50	
Michigan Botanist Business Manager Stipend	\$1,500.00	
<b>Total Outflows</b>	<b>\$5,751.55</b>	
<b>Balance Sheet</b>		
Opening Balance	\$62,301.22	
Gain (Loss)	\$935.88	
Ending Balance	\$63,237.10	
YTD Account Balances		
Checking	\$1,512.36	
Savings	\$112.30	
TIMM	\$12,737.83	
CD	\$48,874.61	
<b>Total in the bank</b>	<b>\$63,237.10</b>	
<b>Hanes Trust Michigan Botanist Business Managers Stipend Summary</b>		
Received from Hanes Trust 1/27/06	\$2,000.00	
Received from Hanes Trust 2/1/07	\$2,000.00	
Received from Hanes Trust 6/26/08	\$2,000.00	
Received from Hanes Trust 7/15/09	\$2,000.00	
Received from Hanes Trust 6/3/10	\$2,000.00	
<b>Helen &amp; Alex Smith Memorial Fund summary</b>		
Received from TCF CD transfer 10/03/03	\$31,848.79	
Balance remaining to date	\$31,848.79	
— Respectfully submitted, Lynda L. Pelkey, MBC Treasurer		



## Minutes of the State Board Meeting: October 3, 2010

### Michigan Botanical Club Minutes of the State Board Meeting

Fenner Nature Center, Lansing, MI

Members present: Tyler Bassett, Becky Csia, Mary Danforth, Steve Davis, Irene Eiseman, Richard Fowler, Jim Hewitt, Judy Kelly, Ken Kirton, Pam Laureto, Mark Ledebuhr, Emily Nietering, Sarah Nooden, Lynda Pelkey, Caryle Spence, Lynn Steil, Alice H. Ward, Beverly Walters.

Call to Order: Michigan Botanical Club (MBC) president Pam Laureto called the meeting to order at 12:10 p.m.

#### 1. Agenda approval

No changes were made to the agenda.

#### 2. Approval of minutes

A spelling correction of Sarah Nooden's name was made. President Laureto called for verbal approval of the Minutes of the State Board Meeting of May 30, 2010. Approval was unanimous.

#### 3. Announcements

- A. President Laureto welcomed the new MBC State Board officers as was published in the Sept. 2010 Arisaema. She also mentioned that there may be procedural issues that need to be addressed regarding the Arisaema publishing date and the officer election dates as stated in the bylaws.
- B. Jim Doyle has resigned after 19 years as editor of Arisaema. She expressed a thank you to Jim for his many years of service and for continuing on even after he moved to Arizona. President Laureto announced that this vacancy will need to be filled and asked for any volunteers. No one came forward. She made mention to chapter presidents to ask their chapters if there is anyone interested.
- C. Larry Nooden (HVC) announced via an e-mail to President Laureto that there is concern in their area regarding the upgrading (straightening) of railway for high-speed rail routes which may have an effect on several high-value prairie sites such as Shanghai Prairie along their right-of-way. Larry and representatives of other conservation groups will be meeting with the Counsel General for Environmental Issues about this matter. This, in turn, spurred Board discussion on other highspeed rail routes (Amtrak) in other areas of Michigan.

#### 4. New Business

- A. Herbarium specimen collection and training: Mark Ledebuhr (RCC) led a discussion regarding the relevance of informing Michigan Natural Features Inventory (MNFI) and the University of Michigan of uncommon species found by members. Positive discussion followed regarding voucher procedures/training, etc. Mark moved that the

MBC institutionalize vouchering on field trips and in doing so, train chapter members on proper procedures and conveyance of plants to various herbaria. Tyler Bassett seconded. Motion carried. Tyler Bassett then approached Bev Walters (who works at University of Michigan herbarium) and asked if she would teach a workshop at the 2011 Spring Foray. She agreed.

- B. Mini forays: President Laureto conveyed a message from Larry Nooden that he did not want to lead the mini foray organization and is looking for help on the issue. One suggestion was that we do "re-visits" to the spring foray locations that may be of interest later in the summer. In discussion it was mentioned that these need only be one-day trips to an area, and lodging would be up to the individual member. It was suggested that e-mail may be the best way to inform others. This could be spontaneous if the opportunity arises.
- C. Arisaema on-line: It was discussed how many feel a paperless issue may be cost-saving and a desirable method to receive the Arisaema newsletter. Some will still need/want a hardcopy. Individual chapters might indicate this option on their 2011 membership forms.

#### 5. Old Business

None

#### 6. Reports

- A. Treasurer: Lynda Pelkey submitted a hard copy of the Summary Report, which will be submitted to Arisaema. It was noted that the MB Business Manager Stipend for 2010 was received from the Hanes Trust as shown in the MBC Summary Report, but was not listed under the Hanes Trust Stipend Summary. Lynda noted this and will make that change. This information can be seen at <http://www.biol.andrews.edu/mbc/money>.
- B. Corresponding Secretary: Caryle Spence discussed problems and concerns she had with the publishing and mailing of the Arisaema, most of which was an effort in reminding chapters and Board members of reports so she could get them in on time to the editor, Jim Doyle.
- C. Michigan Botanical Foundation (MBF): The new President of the MBF, Pam Laureto, mentioned that if members had not seen the article in the fall Arisaema regarding the \$2500 granted this summer, that indeed, this is what was awarded to two grants since the Spring Foray. She noted how e-mail communications have helped with the Foundation procedures. Guidelines for grants will be in the next Arisaema and on our website.
- D. The Michigan Botanist: Todd Barkman spoke to President Laureto and she conveyed that The Michigan Botanist issue 49.1 is printed and will be out soon. Issue 49.2 is at the press and 49.3 is soon after and the latter two may be sent together.
- E. Arisaema editor: As noted earlier, Jim Doyle is resigning,

## October 3, 2010 minutes, continued

replacement needed.  
F. Andy Sawyer, our new webmaster, is now in control of the MBC website.

Judy Kelly moved to adjourn and Mark Ledebuhr seconded.

Meeting adjourned 1:30 p.m.

### 7. Future State Board Meeting

Winter 2011 State Board Meeting will be Saturday, January 15, 2011 at 1:00 p.m., Fenner Nature Center, Lansing, Mich.  
SNOW DATE: Saturday, February 12, 2011 (same time and place).

Respectfully submitted,  
Lynn Steil, MBC recording secretary

## Minutes of the State Board Meeting: January 15, 2011

### Michigan Botanical Club Minutes of the State Board Meeting

Fenner Nature Center, Lansing, MI

Members present:

Tyler Bassett, Becky Csia, Mary Danforth, Irene Eiseman, Patrick Fields, Richard Fowler, Judy Kelly, Pam Laureto, Mark Ledebuhr, Larry Nooden, Sarah Nooden, Ron Priest, Andy Sawyer, Lynn Steil, Alice Ward

Call to Order: Michigan Botanical Club (MBC) president Judy Kelly called the meeting to order at 1:10 p.m.

#### 1. Agenda approval

The 2011 mini foray was added under new business and Mark Ledebuhr was added to the announcements. Sarah Nooden moved to accept, Alice Ward seconded; motion passed.

#### 2. Approval of minutes

A typographical error was noted by Lynn Steil. Patrick Fields moved to accept the minutes, Richard Fowler seconded. Motion passed. Lynn asked if the Board would like to see the fall minutes before the day of the winter meeting since they do not appear in the Arisaema prior to the meeting as the others. If so, she said she would e-mail them to all. The group indicated that they would like this.

#### 3. Announcements

- A. Thank you: President Kelly thanked past president Pam Laureto and outgoing members of the Board for their hard work.
- B. Fred Case obituary: A copy of the obituary was passed around and individuals shared memories and offered tributes.
- C. Update of president's e-mail List: President Kelly passed the Board e-mail list around for edits/updates.
- D. Spring Foray update: Andy Sawyer and Tyler Bassett gave updates on the spring foray announcing two speakers: Tony Reznicek, who will be speaking on the Michigan Flora project, and Bill Burger of the Chicago Field Museum. They also announced that the lodging locations will be listed in the Arisaema and some will be located between Niles, Michigan and South Bend, Indiana, not far from Fernwood, our foray center.
- E. Isle Royal botany workshop: It was announced that Janet Marr is again leading a botany workshop on Isle Royale in June and that the info would be on "the website."
- F. Brochure update: Sarah Nooden passed around the brochure information for any updates on chapter contacts, etc. Sarah also announced that the Huron Valley chapter is celebrating their 50th anniversary, and read some excerpts from some early notes/minutes.
- G. Mark Ledebuhr announcement: Mark expressed difficulties of the Red Cedar Chapter maintaining member interest. He announced that three of four members will not be coming back in April. Discussion ensued, with several offering suggestions, such as combining meetings with other like organizations. Some wondered if the fear of organizing a foray could possibly keep membership back. Mark discussed a multitude of efforts to build interest/membership, to no avail.

*(continued on following page)*

## January 15, 2011 minutes, continued

(continued from page 15)

### 4. Old Business

- A. Michigan Consortium of Botanists: Tyler Bassett explained that this organization will be a method for botanists to communicate. He announced that the goal is to meet once a year in May, develop a website, statement and discussion board. The forum will be designed by subject and be a place where researchers can contact other researchers working on similar projects; needs can be expressed and help offered. Tyler also said that it is hoped that herbaria would be made more accessible throughout.
- B. Editor for Arisaema job description: President Kelly requested a volunteer to take on this job. Must have a computer with broadband internet access. Must produce Arisaema in digital form and be able to convert it to a PDF file. Must be able to scan photos. Must be able to manipulate digital images. Discussion touched on the need for an editor soon for the next Arisaema, as it will contain time sensitive information/registration for the spring foray. Mary Danforth suggested the use of digital issues for speed and saving of mailing costs. She suggested that, for now, we use outside help for getting this issue out. Mary emphasized that she, as corresponding secretary, would be contacting Board members for articles/materials for the Arisaema. Mary moved that we allocate a maximum of \$300 for outside edition of the spring issue of Arisaema. Mark seconded and motion passed.
- C. Membership chair job description: President Kelly said that since membership is now on the website, this job is now deleted. Discussion regarded contacting old members to renew membership. Several ideas were suggested.
- D. Distinguished Service Award: President Kelly shared the need for criteria for this award. She decided that vice presidents (or representatives) work with their Chapter president on criteria and report to the Board at the May Board Meeting.

### 5. New Business

- A. Use of e-mail for club business: President Kelly led a discussion regarding more effective use of e-mail. It was suggested we set up a club account for minutes or working on documents together. Andy Sawyer said that our potential

new website process will allow for this capability.

- B. Mini foray: Larry Nooden encouraged others to do the mini foray, as he will be out of the country this summer.

### 6. Reports

- A. Webmaster: Andy Sawyer delivered a small presentation on the changes of the new website capabilities by going to a new provider using a new management system. Andy would redesign the site (an in-kind contribution). He also explained the use of an "Event Registration Module" that could be used for the foray registration. This would come with a one-time cost of \$80. Larry Nooden moved to support the website plans up to \$200 with an ad-hoc committee advisory along with the foray registration (Event Registration Module) with the \$80 one-time charge. Tyler Bassett seconded. Andy explained that outsiders would experience no change to access the website. Sarah Nooden volunteered to help on a brochure. Pat Fields called the question. Motion carried.
- B. Corresponding secretary: Mary Danforth announced that the deadline for articles/information for Arisaema is the first week of March. Mary asked for suggestions and photos. This Arisaema will be including the list of Board members and contacts, and Tyler Bassett will write an article on the consortium.
- C. Michigan Botanical Foundation: (none)
- D. The Michigan Botanist: Via e-mail, Todd Barkman reported that issues 49.2 and 49.3 are being printed and 49.4 is being typeset. He said that The Michigan Botanist should be caught up at that point. Later this month electronic issues will be available.
- E. Treasurer: Lynda Pelkey expressed that information can be seen on the website.

### 7. Future State Board Meeting

The spring 2011 State Board Meeting will be held at the Foray at Fernwood, SWC hosting. Emily Nietering will be chairing the Board meeting; send agenda items to Judy Kelly.

Meeting adjourned at 3:30 p.m.

Respectfully submitted,  
Lynn Steil, MBC recording secretary

## Spring Foray and Fall Meeting Schedule

YEAR	SPRING	FALL
2009	RCC	WPC
2010	SEC	RCC
2011	SWC	SEC
2012	HVC	SWC
2013	WPC	HVC