



Arisaema



Michigan Botanical Club State Newsletter

Volume 22, Issue 1 • April 2016

Corresponding Secretary's Report

For those of you expecting to get registration information about the Annual Foray in this issue of the *Arisaema*, it is NOT here. The Annual Foray (often called the Spring Foray) will be held over Labor Day Weekend this year, sponsored by the Southwest Chapter. See the preview description in this issue and put this on your calendar now.

Please also note that we will be having something to do as a group this Spring. Our usual Fall meeting and event, will be held on April 30th at Hidden Lake Gardens, organized by the Southeast Chapter. Details are also in this newsletter. This is something else to put on your calendar.

Although these are perhaps the most important articles to read from a scheduling and planning point of view, be sure to check out the other articles, including the more complete article about Robert Riepma from the White Pine Chapter receiving the MBC 2015 Distinguished Service Award, news about the Great Lakes Chapter, an update on the Michigan Botanical Foundation, and the President's Report.

For those of you who enjoy details of the Club's operations, there are 2 sets of meeting minutes and a financial report.

Possibly most enjoyable of all, 2 Huron Valley Chapter members have made some visual contributions to the newsletter – artist Abraham (Abe) Cone and photographer Robert (Bob) Smith. Please enjoy!

And my usual reminder: let me know if you want to change the way you receive the *Arisaema*. Do you want U.S. Mail only, email only, or both.

Sincerely,

*Mary Danforth, Corresponding Secretary
Michigan Botanical Club*

P.S. See the Directory in the middle of this issue of the *Arisaema* for contact information for Board members and Committee chairs.

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President's Report

Greetings from your MBC President,

The rewrite of Helen Smith's pamphlet, *Winter Wildflowers*, is progressing. Some photos of winter wildflowers are still needed. Please contact Larry Nooden at ldnum@umich.edu or Tony Reznicek at reznicek@umich.edu for more information on submitting photographs.

The Wildflower Association of Michigan hosted the Wildflower Conference at MSU on March 6-7th. The MBC purchased an ad in the conference brochure and the MBC brochure was distributed to all conference attendees. This was done in order to recruit new members to MBC.

In addition to the ad and the brochures, Andrea Matthies and Jim O'Dell set up the HVC display board and reported that MBC volunteers periodically helped between sessions and lunch breaks. It sat between the Ann Arbor WildOnes Display and Brenda Dzeidzic and her butterflies, so it was very colorful area.

The Board of Directors has been discussing the nonprofit status of MBC. Currently MBC is a 501(c)(4) category of nonprofit and the discussion has centered on changing that nonprofit status to that of a 501(c)(3). The pertinent differences between the two organizational structures is that a 501(c)(4), under which MBC is organized, does not permit tax-deductible contributions but does allow unlimited lobbying. Under 501(c)(3) tax deductible contributions are allowed but lobbying is restricted to 20% of expenditures.

I look forward to meeting all of you at future club events. Please feel free to contact me at hfcckelly@gmail.com or (734) 635-0952 with any comments or suggestions.

Sincerely,

*Judy Kelly
President
Michigan Botanical Club*

MBC State Spring Meeting 2016

**Saturday, April 30, 2016
Hidden Lake Gardens
6214 Monroe Rd, Tipton, MI 49287
(517) 431-2060**

Since our 2016 Annual Foray will be held in September, the State Board determined that a one-day Spring Meeting should be held in its place, similar to our traditional one-day Fall meeting. The Southeastern Chapter is pleased to invite all MBC members and friends to Hidden Lake Gardens on Saturday April 30. The day will begin with Board meetings for the Michigan Botanical Foundation and the Michigan Botanical Club followed by a program of interest to all and a field trip on the grounds.

Schedule for the day:

10:30 a.m.-11:30 a.m. MBF Board Meeting in the Garden Room

11:30 a.m.-1:30 p.m. MBC Board Meeting in the Garden Room

1:30 p.m.-2:00 p.m. Social/Refreshment break

2:00 p.m.-3:00 p.m. Program in the Auditorium by Brad Garmon, Michigan Environmental Council

3:00 p.m.-4:00 p.m. Field trip on the grounds with Dr. Tony Reznicek, UM Herbarium

Program: Michigan's New Draft Water Strategy: a 30-Year Vision

Brad Garmon, Director of Conservation and Emerging Issues for the Michigan Environmental Council (MEC), recently served on the Michigan Office of the Great Lakes (OGL)'s Water Cabinet, a group of partners and organizations consulting with the state on the development of their new 30-year water strategy: "Sustaining Michigan Water Heritage, a Strategy for the Next Generation." The lengthy document, still in draft form, outlines the key issues, threats and opportunities we should all be aware of as we work to ensure Michigan's water resources support healthy ecosystems, citizens, communities, and economies today and into the future. The strategy was drafted in response to Governor Rick Snyder's 2012 Special Message on Energy and Environment, which called for the development of a comprehensive water strategy that takes an ecosystem approach, enhances our economic opportunities around water and strengthens connection to place. In this presentation, Garmon will describe the state's process in developing the strategy, including its current status, and offer a few of MEC's concerns, insights and highlights of the report.

Spring Foray and Fall Meeting Schedule

YEAR	SPRING	FALL
2016	SWC	SEC
2017	HVC	SWC
2018	WPC	HVC
2019	Board	WPC
2020	SEC	Board

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MBC State Spring Meeting 2016 (Continued)

(Continued from page 2)

The Michigan Water Strategy can be found online at: http://www.michigan.gov/deq/0,4561,7-135-3313_3677_64891---.00.html

Brad Garmon has been with MEC since 2001, and in that time has served as a member of the Michigan DEQ's Environmental Advisory Committee, the Office of the Great Lakes' Water Cabinet, and the Michigan DNR's Land Strategy Committee. He was also appointed by Governor Snyder to the Blue Ribbon Committee on State Parks and Outdoor Recreation.

Field Trip: The brief field trip following the program will explore the spring flush of plantings on the grounds and, if the season is appropriate, check on the progress of spring ephemerals in the nearby natural areas on the property. In case of truly bad weather, we may retreat to the newly renovated conservatory.

Directions: Hidden Lake Gardens is located between Jackson and Ann Arbor, south of I-94 and US 12. From the east take I-94 West to exit 159 (Chelsea), south on M52, then west (right) on M50 (Monroe Rd.), through Tipton. The entrance will be on your right. From the west take I-94 East to US 127 south (exit 142), then east (left) on US 12, past the Michigan International Speedway, then south (right) on M50 (Monroe Rd.). The entrance will be on your left. Use the address 6214 Monroe Rd., Tipton, MI on your GPS.

Hints for the day:

- Daily admission to Hidden Lake Gardens is \$3 per person. However, since we are attending a scheduled event for which we are renting the facilities, the admission fee is waived for MBC members. Just mention to the guard that you are attending the Michigan Botanical Club event when you drive in.
- The Gardens are open from 9:00 a.m. to 7:00 p.m. so you can come early or stay late to enjoy all they have to offer. Also, if you wish to carpool with other MBC members or bring friends and family who are not involved in the Board meetings, there is plenty to keep them occupied on the grounds while you are busy. There are 6 miles of paved drives and 10 miles of hiking trails on the 755 acre property. There is also a gift shop.
- There is no food available for purchase on the grounds, but picnic areas are available. Board members should bring a lunch to eat during the meeting. Light refreshments will be provided in the auditorium between the Board meeting and the program. More information including the history of the

Gardens, directions, a road and trail map and photos can be found on the Gardens website at <http://hiddenlakegardens.msu.edu/>

“Hidden Lake Gardens began as a simple testament to the education and enjoyment of the public. The Gardens are a natural paradise, a place to escape from everyday life and connect with the world of nature. The bonsai courtyard displays miniature trees as works of art. Rare and exotic plants thrive in the arid, tropical, and temperate conservatory settings. Annuals and perennials offer bright blooms in the sun and soothing foliage in shade. Trees and shrubs across acres and acres of rolling terrain demonstrate their natural and ornamental attributes. From the comfort of a car or on meandering footpaths, visitors have at their disposal a visual treat, ranging from the modest to the magnificent. Every season offers new highlights, views, and adventures. Come and experience this beautiful botanical garden and arboretum in the scenic Irish Hills of southeast Michigan.”



Abraham Cone
Dwarf Lake Iris
(State wildflower)

Annual Foray September 2-5, 2016

Southwestern Michigan September 2-5, 2016

Hosted by the MBC Southwestern Chapter at The Holiday Inn Kalamazoo West

Over the 2016 Labor Day weekend (Friday, September 2 – Monday, September 5), the Southwestern Chapter of the Michigan Botanical Club will host the Club's statewide Foray in Kalamazoo. The annual Foray brings together professional, student and amateur botanists from around the state and Great Lakes region for botanical field experiences and evening programs.

This article briefly summarizes our plans to date. The next *Arisaema*, which will be published in late July, will contain full descriptions of Foray programs, field trips and logistics. It will also contain the Foray registration form. Please note the Registration deadline will be August 16.

We've decided to hold the Foray over the Labor Day weekend because late summer is the best time of the year to botanize the special plant communities of southwest Michigan – its coastal plain marshes (with their Atlantic Coast disjunct species), fens, and prairies.

Field Trips: The Foray will feature two full days of field trips, approximately 8 field trips per day on Saturday and Sunday, plus 2 or 3 additional field trips on Monday morning. The field trips will highlight several significant collecting sites used by the bicycling botanists, Clarence and Florence Hanes, including West Lake, Lyons Lake and Pretty Lake. The Haneses published their botanical classic, *Flora of Kalamazoo County, Michigan*, in 1947.

Other field trips will feature Atlantic Coastal Plain disjunct sites in Van Buren and Allegan counties, an aquatic site, fens, bogs, savannas and prairies as well as hardwood-conifer swamp, oak-pine barrens and dry-mesic southern forest. Adding to the variety of field trip opportunities will be an informative tree identification trip, an adventurous trip in search of fungi, and a visit to a privately-owned wet woodland that is the only known location in the State for Climbing Fern.

At the end of this article is a list of suggested readings that complement the field trips and programs.

Lodging: The Chapter has arranged for lodging, meals and meetings at the Holiday Inn Kalamazoo West, conveniently located at the US 131 & Stadium Drive interchange near the western edge of the Western Michigan University campus. Check-in time at the Holiday Inn begins Friday afternoon at

3:00. On Friday, the Foray registration table will be open from 4:00 pm to 7:30 pm.

Meals: The meal package at the hotel for the entire weekend will include 3 breakfasts, 2 box lunches and 2 dinners. You will be on your own for dinner Friday. Single day registration and meals (box lunch and dinner) will be available.

Evening Programs: On Friday evening, the Foray will kick-off at 7:30 pm with snacks, a welcome and orientation followed by Tony Reznicek's presentation on Atlantic Coastal Plain disjuncts. The Saturday evening speaker, Garrett Crow, will describe a major southern Michigan bog, Pennfield Bog, which is located in neighboring Calhoun County. On Sunday evening, the topic of Todd Barkman's talk will be orchids.

We very much appreciate the many volunteers who have stepped forward to help with the Foray. We also appreciate the generous funding received from the Hanes Trust, Forensic Fluids Laboratories of Kalamazoo, and the Michigan Botanical Foundation.

We look forward to seeing everyone at the Foray.

—*The 2016 Foray Planning Team: Ken Kirton, Wayne Roussel, Russ Schipper, Lynn Steil & Becky Csia*

Suggested Readings & References for the Foray:

Chapman, K.A., Brewer, R. (2008). *Prairie and Savanna in Southern Lower Michigan: History, Classification, Ecology*. *The Michigan Botanist*, 47(1): 1-48.

Cohen, J.G., Kost, M. A., Slaughter B. S., Albert, D. A. (2015). *A Field Guide to the Natural Communities of Michigan*, Michigan State Univ. Press, East Lansing. 362 pp. (In particular, the sections on: Coastal Plain Marsh, Wet-mesic Prairie, Prairie Fen, Bog, Hardwood-Conifer Swamp, Oak-Pine Barrens, and Dry-mesic Southern Forest.)

Crow, Garrett E. (1969). *An Ecological Analysis of a Southern Michigan Bog: A Phytogeographical Analysis of a Southern Michigan Bog; and Species of Vascular Plants of Pennfield Bog*, Calhoun County, Michigan. *The Michigan Botanist*, 8: 11-27; 51-60; and 131-136.

Kost, M.A., Hyde, D.A. (2009). *Exploring the Prairie Fen Wetlands of Michigan*. Extension Bulletin E-3045. Michigan Natural Features Inventory, Michigan State University Extension, East Lansing. 106 pp.

McKenna, Duane (2004). *Flora and Vegetation of Kalamazoo County, Michigan*. *The Michigan Botanist*, 43(3): 137-359.

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Annual Foray 2016 (Continued)

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O'Connor, R.P., Kost M.A., Cohen, J.G. (2009). *Prairies and Savannas in Michigan*. Michigan State University Press, East Lansing. 139 pp.

Pitcher, Emma B. (1994). Prominent Michigan Botanists: I. Clarence Robert Hanes (1874-1956). *The Michigan Botanist*, 33: 66-68.

Name Change - Great Lakes Chapter (formerly Special Members Chapter)

Nothing seems to be permanent – plant names are changing in leaps and bounds. So too it is with the Special Members Chapter. Over the past several months, there's been expressed interest to update our chapter name to something more representative of our membership. Precedence has been to name a chapter after a local natural feature, e.g. White Pine or Huron Valley, while some chapters have chosen a geographical range, e.g. Southwestern, Southeastern.

The SMC Board recognized that the "special member" designation wasn't very descriptive. We agreed that it is time for an upgrade. Upon reviewing our members' geographical distribution, the board selected "Great Lakes Chapter" as an all-encompassing name that represented the majority of our membership. On February 16, our voting members gave unanimous approval to Great Lakes Chapter (GLC).

In addition, Derek Shiels became our first Vice-President of GLC. Derek resides in Petoskey, MI and is on the stewardship staff at Little Traverse Conservancy. He studied bulrush systematics while a graduate student at Central Michigan University. Derek enjoys rappelling into caves, hiking mountains, and searching wetlands for rare sedges. With a passion for biodiversity and conservation, he started Rate My Land, a networking website for private landowners and naturalists. We welcome Derek to the GLC board of directors.

—Irene Eiseman, President, Great Lakes Chapter

Report of the MBC Fall 2015 Meeting

The MBC State Board and the Huron Valley Chapter co-hosted the Fall Meeting of the MBC at Matthaei Botanical Gardens on Saturday, Oct 17, 2015.

The Board of Directors of the MBC met from 11:30am-1:30pm. Irene Eiseman reported on the new Special Members Chapter. They have opened a bank account and had their first board meeting. Bob Kelly reported on the treasury, which is in good shape. Michael Huft reported on *The Michigan Botanist* and his efforts to catch up by publishing double issues. Michael has been publicizing the Michigan Botanist on the Facebook pages of botanical clubs in nearby states and will set up at table at the meeting of the Indiana Native Plant & Wildflower Society to promote the Journal and club. Tyler Bassett announced that the next foray will take place over Labor Day weekend in 2016. The nominating committee chaired by Sarah Nooden is soliciting nominations for vice-president, treasurer and corresponding secretary.

The general meeting with speaker Robert Grese began at 2pm in the Auditorium. His topic was "The Great Lakes Garden and the Role of Botanical Gardens in Native Plant Education." The Great Lakes Gardens celebrates our region's natural heritage and re-creates many of the special habitats found here such as dune, limestone plain, and prairie. It has been planted with Great Lakes endemics (those found here and nowhere else in the world), native orchids, woodland wildflowers, and many others. In the gardens is a series of accessible pathways, boardwalks, and overlooks which invite up-close views of plants people might never encounter in the wild, while interpretation illuminates the role conservation plays in protecting this unique diversity.

Members of the State Board and the Huron Valley Chapter provided refreshments. Afterwards Robert Grese led an outside walk to visit the new Great Lakes Garden.

—Judy Kelly, President, Michigan Botanical Club

A Big Thank You to Dan and Helen Palmer and Family and the Leelanau Land Conservancy!

Breaking News: The Leelanau Land Conservancy announced their new Palmer Woods Forest Preserve. About 600 donors helped conserve this 707 acre hardwood forest once owned by MBC's own fern expert Dan Palmer and his wife Helen.

See <http://leelanauconservancy.org/blog/naturalarea/palmer-woods-forest-reserve/> for full details about this rich and scenic preserve.

—Sarah Nooden

Michigan Botanical Foundation Report

It has come to the attention of the Michigan Botanical Foundation (MBF) that many members of the Michigan Botanical Club (MBC) are either unaware of, or unclear as to, the relationship between the club and the foundation. In the early 1990s several members of the Michigan Botanical Club, under the leadership of the late Dr. Elwood “Woody” Ehrle, began to pursue the formation of an organization, separate from the club, which could perform botanically related functions prohibited by the club’s 501(c)(4) status. To that end, the Michigan Botanical Foundation was born and in September of 1992 the foundation was incorporated with the State of Michigan. The foundation is a 501(c)(3) organization whose purpose is to receive and administer funds for the support of Michigan botanical research, educational publications, and related activities that enhance the knowledge and preservation of Michigan’s flora.

Therefore, the Michigan Botanical Foundation is a separate organization from the Michigan Botanical Club; the foundation has its own Articles of Incorporation, Bylaws, board of directors, and files its own tax returns with the IRS and Annual Report with the State of Michigan. Through the years there has been a continued relationship between the club and the foundation fostered by our shared interests in the preservation of Michigan’s flora and the desire to support botanical education. The foundation has received a large percentage, but not all, of its assets from individual MBC members and we are grateful to those members for their support. In an effort to maintain our relationship with MBC, the foundation’s bylaws indicate that members of our Board of Directors must be members of the Michigan Botanical Club. Additionally, the foundation has chosen to make this report annually so that all MBC members will be aware of the grants we awarded during the previous calendar year. If you are interested in applying for a grant, you can obtain a copy of our “Grant Guidelines” by contacting me at the address given below.

The Foundation is committed to protecting and using the Foundation’s funds in accordance with our stated purpose. We work closely with our financial planner to make sound investments and carefully consider all grant applications for compliance with our stated purpose. The current value of the MBF portfolio as of March 1 is approximately \$218,800. We welcome contributions of either cash or stock to the Michigan Botanical Foundation. Your donation can be sent to our treasurer at the following address.

Mr. Robert Kelly, Treasurer,
Michigan Botanical Foundation
18863 Lakewood Circle
Lake Ann, MI 49650

MBF trustees are elected to two-year terms and then elected to officer positions on a yearly basis. The MBF trustees, their current elected positions, and terms of service are as follows:

Emily Nietering, Acting President 2015 – 2017
Becky Csia, Secretary 2014 – 2016
Bob Kelly, Treasurer 2014 – 2016
Michael Huft, 2015-2017
Pam Laureto, 2014 – 2016
Bev Walters, 2015 – 2017

If you are interested in serving on the MBF board of trustees, please let me know. Terms run from July 1 to June 30. We will be electing three trustees and voting on the 2016– 2017 slate of officers at our April 30 meeting.

Respectfully submitted,

Emily Nietering
Acting President, Michigan Botanical Foundation

231 Nash St.
Dearborn, MI 48124
Phone: 313-278-9269

Email: knietering@sbcglobal.net

Michigan Botanical Foundation Grants Awarded in 2015

MBF 2015-01: \$2030 to Dr. Jianhua Li, Associate Professor of Biology at Hope College, for research that studies the genetic relationship of Red Maple and Silver Maple. The research examines DNA sequences from five populations of each species to test the hypothesis that Silver Maple is a genetic and morphological variant of Red Maple. The project involves undergraduate students.

MBF 2015-02: \$516 to ecologist Dr. Dennis Riege to support long-term research projects on the vegetation of old-growth white pine stands in Michigan’s Upper Peninsula. Dr. Riege is Collegiate Professor at University of Maryland University College. In 2013, Dr. Riege also received a grant (\$455) from MBF for this research (MBF 2013-04). An article on his research was published in *The Michigan Botanist*, Vol. 50, No.3.

MBF 2015-03: \$1520 for the MBC Joan Robb Student Foray Awards and additional sponsored students for the MBC 2015 Foray. The White Pine, Huron Valley and Southeastern Chapters sponsored students and received this funding.

MBF 2015-04: \$1000 to graduate student Michael Rotter for research on the effects of herbivores on the lone known-population of *Mimulus guttatus* (yellow “seep” monkey flower, a possible non-native) in Michigan (Ontonagon County, Upper Peninsula). The objective of the research is to investigate how herbivores influence the traits that plants use to defend themselves. Michael Rotter is a PhD candidate at Northern

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Michigan Botanical Foundation Report (Continued)

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Arizona University and holds a BS and MS from Northern Michigan University.

MBF 2015-05: \$250 for Dickinson Award to students who authored the best student paper published in Volume 52 of *The Michigan Botanist (TMB)*. The students are Christopher Bouma and Emily Huizenga for their paper entitled "Assessing a Reconciliation Ecology Approach to Suburban Landscaping: Biodiversity of a College Campus." Their study was done on the campus of Calvin College and their professor for the project was Dr. David Warners.

MBF 2015-06: \$5000 for support of *The Michigan Botanist (TMB)*. This was a donation made to MBF specifically for support of *TMB*.

MBF 2015-07: \$500 for support of the MBC 2016 Foray hosted by the Southwestern Chapter. This was a donation made to MBF specifically for support of the 2016 Foray by a Southwestern Chapter member.

MBF 2012-09: \$300 in April 2015 to the MBC Huron Valley Chapter for the best student botanical projects at the Southeast Michigan Science Fair. This funding is part of a \$1500 grant payable over a five-year period beginning with 2013.

Robert Riepma — MBC 2015 Distinguished Service Award

Robert Riepma joined the White Pine Chapter in March, 1992. Since that time he has been active in many ways. He has been instrumental in drawing new members to the Chapter, enriched their program by discovering new areas in West Michigan for field trips, and contributed significantly by leading field trips. He can always be counted on to help in any way needed.



Dorothy Sibley, WPC President, giving award to Robert Riepma

Bob works full time in an assisted living facility in West Michigan. He takes time to attend most meetings and field trips. He is a master at computer techniques and all types of audio-visual equipment. Therefore, he has been an enormous asset to the White Pine Chapter in setting up and running all the AV equipment at their meetings. His talents have also benefited other Chapters during the Spring and Fall Michigan Botanical Club meetings.

Robert has served as a member of the MBC State Board of Directors for more than 10 years, and has contributed as the Chairman of the History and Archives Committee. For the last eleven years, Bob has been the treasurer of the White Pine Chapter, keeping accurate detailed records for the Chapter.

During the last three MBC State Spring Forays hosted by the White Pine Chapter, Bob was responsible for editing and printing the directory distributed to each participant, including the recent one for the Spring Foray in 2013 held at Calvin College in Grand Rapids; it contained detailed maps of each of the many field trips, GPS coordinates, plus a very informative article about each trip. Since there are always more trips than one can squeeze into a Foray schedule, his information was so complete that anyone could return at a later date for a self-guided field trip.

Over the years the White Pine Chapter has published many booklets written and illustrated by its members. Bob edited and supervised the printing of each one. These include:

- *Alien Invaders—Invasive Plants*
- *Birdscaping Your Garden with Native Plants*
- *How to Use Birdscaping in Your Garden with Wild Plants*
- *Landscape with Native Plants of Lower Michigan*
- *Plants That Never Ever Bloom*

Without Bob's help, we never could have published these booklets.

Robert's dedicated service to the White Pine Chapter has been an important ingredient in making the Chapter a highly successful group. His continuing contributions of time and effort, both at the local and State level are greatly appreciated by the Michigan Botanical Club.

2016 Directory

Officers

Judy Kelly <i>President</i>	HVC	hfcckelly@gmail.com	734-635-0952 (C)	18863 Lakewood Cir. Lake Ann, MI 49650
Garrett Crow <i>Vice President</i>	SWC	garrett.crow42@gmail.com	616-826-2096 (C)	4938 Maltese Ct. NE Belmont, MI 49306
Jim Hewitt <i>Recording Secretary</i>	GLC	tz4ggm@aol.com	517-337-8409 (H)	2728 Del Mar Dr. Okemos, MI 48864
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Mary Danforth <i>Corresponding Secretary</i>	HVC	m19danforth44@gmail.com	734-649-4849 (C)	4273 Eastgate Drive Ann Arbor, MI 48103
Pamela Laureto <i>Immediate Past President</i>	WPC	plaureto@grcc.edu	616-454-4328 (H) 616-234-3896 (O) 616-450-1759 (C)	365 Rosewood SE East Grand Rapids, MI 49506

Directors At Large on the MBC Board

Lynn Kirkpatrick <i>2014-2016</i>	HVC	kirklynn60@gmail.com	248-596-1918 (H)	1062 Elmsmere Drive Northville, MI 48167
Richard Fowler <i>2014-2016</i>	SEC	rl.fowler@computer.org	248-828-2952 (H)	2045 McIntosh Drive Troy, MI 48098
Craig Elston <i>2014-2016</i>	WPC	wildflower1000@ameritech.net	616-822-4303 (C)	3436 Port Sheldon St. Hudsonville, MI 49426-9004
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Sarah Nooden <i>2015-2017</i>	HVC	snooden@umich.edu	734-663-5667 (H)	2148 E. Delhi Road Ann Arbor, MI 48103
Ruth Hart <i>2015-2017</i>	SEC	hartrh2004@yahoo.com	313-849-2844 (H)	3431 Wesson St. Detroit, MI 48210
Wayne Roussel <i>2015-2017</i>	SWC	rousselw@outlook.com	269-624-6647 (H)	31264 93rd Avenue Lawton, MI 49065
Arlene Obetts <i>2015-2017</i>	WPC	aobetts@yahoo.com	616-874-8874	8270 Myers Lake Ave. NE Rockford, MI 49341-9314
Sheila Bourgoin <i>2016-2018</i>	HVC	sbourgoin@comcast.net	734-429-3192 (H)	447 Saline River Dr. Saline, MI 48176
Alice Ward <i>2016-2018</i>	SEC	aehward@comcast.net	248-673-1183 (H)	1330 Linville Dr. Waterford, MI 48328
Dave Chambers <i>2016-2018</i>	WPC	davesuec@charter.net	231-652-6146 (H)	102 State St. Newaygo, MI 49337

2016 Directory

Chapter Presidents—Also Board Members

Irene Eiseman	GLC	eisemani@gmail.com	734-475-9654 (H) 734-358-5891 (C)	1873 Pierce Road Chelsea, MI 48118
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Emily Nietering	SEC	knietering@sbcglobal.net	313-278-9269 (H)	231 Nash Street Dearborn, MI 48124
Tyler Bassett	SWC	keepitsimple7@yahoo.com	269-383-2569 (H) 269-580-4766 (C)	2436 Woodward Avenue Kalamazoo, MI 49004
Dorothy Sibley	WPC	dbsibley@mail.riverview.net	231-652-2036 (H)	7951 Walnut Avenue Newaygo, MI 49337

Committee Chairpersons and Other (not necessarily Board Members)

Garrett Crow <i>Awards</i>	SWC	garrett.crow42@gmail.com	616-826-2096 (C)	4938 Maltese Ct. NE Belmont, MI 49306
Andy & Noah Sawyer <i>Big Trees</i>	SWC	bigtreeclimber@gmail.com	269-930-9698	1117 State Street Saint Joseph, MI 49085
*Michael Huft, Editor <i>The Michigan Botanist</i>	SWC	mhuft@att.net	219-286-3396 (H) 874-682-5240 (C)	232 Akela Drive Valparaiso, IN 46385
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Aaron Fown <i>Webmaster</i>	HVC	aaronfown@gmail.com	740-949-6556 (H) 614-531-7881 (C)	2785 Windwood Dr., Apt. 174 Ann Arbor, MI 48105
Sheila Bourgoïn <i>Website Content Manager</i>	HVC	scbourgoïn@comcast.net	734-429-3192 (H)	447 Saline River Dr. Saline, MI 48176
Irene Eiseman Dickinson Award	GLC	eisemani@gmail.com	734-475-9654 (H) 734-358-5891 (C)	1873 Pierce Road Chelsea, MI 48118
Nancy Robbins <i>Business Manager</i> <i>The Michigan Botanist</i>	SWC	nlrobbins318@gmail.com	231-944-5176 (C)	

Financial Statement for January - December 2015

	Category	Item	Amount
Inflows			
	<i>Membership Dues</i>		
	Huron Valley (paid members) 97 members @\$7	2015 Dues	\$ 679.00
	Southeast (paid members) 39 members @ \$7	2015 Dues	\$ 273.00
	Southwest (paid members) 61 members @ \$7	2015 Dues	\$ 427.00
	White Pine (paid members) 68 members @ \$7	2015 Dues	\$ 476.00
	Total of Chapter Dues	2015 Dues	\$ 1,855.00
	Special Members (Non-affiliated) 75 @\$7 each	2015 Dues	\$ 1,602.00
	Total Membership Dues		\$ 3,457.00
	Collected for MBF YTD (sent in with state dues)		\$ 390.00
	YTD Interest Earned (for CD's/TIMM)		\$ 292.15
	Hanes Trust (MB Business Manager Stipend)		\$ 2,000.00
Total Inflows			\$ 6,139.15
Outflows			
	Arisaema Printing & Postage	Spring 2015 Issue	\$ 937.09
	Arisaema Printing & Postage	Fall 2015 Issue	\$ 885.46
	Award, Distinguished Service	Spring Foray 2015	\$ 171.00
	State of MI 12 Non-Profit Registration Fees	2015 Renewal	\$ 20.00
	Office Expenses, Postage, Labels, Checks	New checks order	\$ 21.85
	Square Space (domain hosting 2015)	Annual Fee for website hosting	\$ 192.00
	Network Solutions (domain name 2015)	Annual fee for domain name	\$ 36.98
	Paid to MBF (donations with membership dues)	Spring Payment to MBF	\$ 390.00
	Michigan Botanist Subscriptions (Special Members)		\$ 480.00
	Michigan Botanist Subscriptions (Special Members)		\$ 426.00
	Michigan Botanist Subscriptions (Special Members)		\$ 432.00
	Michigan Botanist Business Manager Stipend:		\$ 2,000.00
	Michigan Botanist MBC Underwriting: 2015		\$ 1,000.00
	Southeast Chapter of MBC Foray Funds	2014 Hanes Foray	\$ 431.29
	Refund due to Special Members Chapter Treasury	MBC SMC	\$ 842.00
	Michigan Environmental Council	Membership	\$ 100.00
	Square Space Domain Hosting Website 2016	2016 annual fee for hosting MBC website	\$ 192.00
Total Outflows			\$ 8,557.67

Financial Statement for January - December 2015 (Continued)

Item		Amount
Balance Summary		
	Opening Balance as of January 1, 2015	\$ 68,768.98
	Gain (Loss)	\$ (2,418.52)
	Ending Balance as of December 31, 2015	\$ 66,350.46
YTD Bank Account Balances as of December 31, 2015		
	Checking	\$ 4,590.39
	Savings	\$ 112.47
	TIMM	\$ 15,861.77
	Smith CD (Matures 4-27-16) #330	\$ 35,758.99
	MBC CD (Matures 4-27-17) #331	\$ 10,026.84
Total in the bank		\$ 66,350.46

Michigan Botanical Club Treasurer's Report for January-December 2015

The Michigan Botanical Club account ended FY 2015 with a balance of \$66,768.98 a net reduction of \$2,418.52 from December 2014.

The largest expenditures were for the Spring-Fall Issues of the Arisaema newsletter (\$937.09, \$885.46 respectively) and \$1,000 underwriting for the Michigan Botanist.

With the establishment of the Special Members Chapter (now the Great Lakes Chapter), the State Treasury refunded \$842 to their treasury for dues collected on their behalf. Once the State MBC treasury is billed and pays for the Special Members issues of the Michigan Botanist Journal V.53 Issues 3 & 4, all financial obligations from the State Treasury to the Special Members Chapter will have been met.

In November, 2015, I requested \$2,000 from the Hanes Fund to pay for the 2016 Botanist Business Manager expenses. Those funds should arrive in February 2016.

Finally, in April 27, 2016, the Smith Fund Certificate of Deposit (\$35,758.99) will mature. I need board input on whether to renew that CD and if so for how long. As directed by the board, I moved \$6,000 from the Smith Funds into the MBC Money

Market account to be used to help pay for the revised Michigan Wildflowers booklet. Note: the MBC CD (\$10,026.84) will mature in April 27, 2017.

2015 MBC Financial Statement Summary:

- Balance January 1 2015:.....: \$68,768.98
- Income:.....: \$ 6,139.15
- Total Funds Available.....: \$74,908.13
- Expenditures:.....: (\$ 8,557.67)
- Balance December 31, 2015.....: \$66,350.46
- Increase/(Decrease).....: (\$ 2,418.52)

Respectfully submitted,

Robert G. Kelly

Michigan Botanical Club State Treasurer

MBC - State Board Meeting Minutes, October 17, 2015

Michigan Botanical Club - State Board Meeting Minutes

Matthaei Botanical Gardens

Ann Arbor, Michigan October 17, 2015

In Attendance: Alice Ward, Becky Csia, Bev Walters, Bob Kelly, Craig Elston, Emily Nietering, Garrett Crow, Irene Eiseman, Jim Hewitt, Judy Kelly, Larry Nooden, Lynn Kirkpatrick, Mary Danforth, Michael Huft, Richard Fowler, Ruth Hart, Sarah Nooden, Sheila Bourgoin, Tony Reznicek, Tyler Bassett, Wayne Roussel. (21)

1. Called to Order by President Judy Kelly at 11:36 AM
2. Approval of the Agenda and of the Minutes
 - a. Upon request by Sarah, "Nominating Committee" was added as a Committee Report and the agenda was then approved on motion by Michael, second by Alice.
 - b. The minutes of the spring meeting held 23 May, 2015 in Saginaw were approved without correction on a motion by Sarah, second by Irene.
3. Robert's Rules of Order – Judy reminded members to raise their hand when wishing to speak.
4. Announcements
 - a. Judy asked for notification of changes to contact information. Per Michael, the business manager of *The Michigan Botanist*, Nancy Robbins, can be reached at michbot.business@gmail.com
 - b. MBC brochure -- Sarah passed around copies of the latest iteration for proofing.
5. New Business – no items on this agenda.
6. Committee Reports
 - a. Special Members – Irene reported that the new chapter has opened a bank account, held its first board meeting, and is pondering methods and frequency of meetings given the wide dispersal of the members. Sheila asked about outreach such as using Facebook and Irene said that so far she is maintaining communication mainly through electronic mail.
 - b. Web Master – Sheila mentioned the newer section for posting events of interest to website visitors. She may be adding some flower photos to the site. There is a link to the chapter Facebook page.
- c. Corresponding Secretary – Mary said the extended write-up for Robert Riepma's Distinguished Service Award will appear in the next issue of *Arisaema*. She also noted that some of the submissions for the newsletter have been pushing past her deadline which can compromise preparation and publication.
- d. Treasurer – The Board looked at Bob's report and Treasury Statement. The \$842 outflow to Special Members Chapter, Irene explained to Garrett, was that chapter's portion of 2015 dues. Noting that and the other entries for chapter membership dues Michael commented that MBC is the only similar organization he knows of which does not have a centralized membership structure. Garrett thought that would be a good topic to address during the upcoming bylaws review. Bob said he would be conducting an analysis of the inflows and outflows for the last 3 years since he has been treasurer and he also recommended an audit committee be formed to review the books of the Club. Judy solicited volunteers to chair and serve on such a committee; it was thought that chapter treasurers would be good candidates. Later in the meeting Michael requested that the time period covered by the Treasury Statement be displayed which Bob said he would include.
- e. *The Michigan Botanist* – Michael reported that the ambitious goal of publishing six double issues this year to catch up was on track with three issues completed and two in progress; the third, an issue devoted to Burton Barnes, may have to push into next year because of the gap between printing expenditures and revenue and the weak financial health of the publishing operation. He distributed a financial statement showing costs per issue exceeding revenues, a condition brought about, in part, by the prepayment by most institutional subscribers through 2014 (in some cases 2013), most of which had already been spent at the time he took over at the beginning of the 2013 issues. This led to discussion around the price of \$25 paid by these 70 institutional subscribers for the journal which was perceived as low, maybe quite low, and which, said Garrett, should be reviewed once the backlog is eliminated. Michael expected that he would have a better sense of the cost/revenue per issue once a full year of single issues in 2016 is completed.

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MBC - State Board Meeting Minutes, October 17, 2015 (Continued)

(Continued from page 12)

The financial statement showed a starting balance of just \$894 on 12/01/14 but a \$5,000 contribution made through the Michigan Botanical Foundation by Michael Huft himself has put Michigan Botanist on a firmer financial footing and for this generosity he was sincerely thanked by the Board.

Michael also reported that beginning July 1, 2016 a fee will be charged to place *Michigan Botanist* on the web, a service which had been provided at no cost by the University of Michigan. The combination of an annual and per-article fee will amount to about \$1,000. Michael recommended that this charge be paid for from the stipend of the business manager. Larry suggested there may be a method to use Google; Michael said he would look into it. Lynn suggested making the journal only available electronically to shed the printing and mailing costs but others felt there were too many members who would not read it on a screen (Sarah and Mary), or that we were actually making money on the hard copies (Ruth), or worried about the institutional subscribers and their income of \$1,750 per year (Larry).

Finally, Michael reported that he is promoting *Michigan Botanist* on various Facebook pages of botanical clubs in nearby states. He also will be setting up a table in Indianapolis next month at the Indiana Native Plant & Wildflower Society Annual Conference.

- f. Constitution and bylaws committee – no report was made by the committee.
- g. Big Trees – Andy Sawyer not present; no report but Judy said he had been on a radio program in southwest Michigan about the project.
- h. Foundation Report – Emily summarized year-to-date grants which totaled \$10,866.22 and at this point does not expect any further grant activity in 2015. With the president and treasurer stepping down, the Foundation is seeking new trustees. Emily is now serving as acting president.
- i. Report on 2016 Foray – Tyler announced the foray will take place over Labor Day Weekend and be held at the Holiday Inn West in Kalamazoo. Mary wondered about the timing of the *Arisaema* with regard to a Labor Day foray. This will be determined at the winter board meeting.

- j. Nominating Committee – Sarah, who will again serve as chairperson, said that three positions will need to be filled for the terms beginning January 1, 2017. They are: Vice-President, Treasurer, and Corresponding Secretary. She requested volunteers for the committee which should be in place by early next year to deliver a slate of nominees by May 30. Tyler and Craig volunteered to serve from their respective chapters of Southwest and White Pine.

7. Old Business

- a. Status of relationship between the MBC and the MBF -- Larry spoke a bit about the history of the formation of Michigan Botanical Foundation as conceived by the late Woody Ehrle to be a recipient for tax-deductible donations. A reading of the bylaws and of its articles of incorporation as a 501(c)(3) confirm its existence as a separate organization from MBC. Irene thought that on the website it looked like MBF was a part of MBC and suggested Michael help explain the difference in an article for the *Arisaema*. Becky responded that this had already been done, referring members to a piece by former president Pam Laureto in the April, 2015 issue. A discussion ensued on whether MBC should become a 501(c)(3) (currently 501(c)(4)) since the application process has been simplified and the lobbying restrictions clarified. Judy declared the discussion out-of-scope and said she will put the question on the next meeting agenda.
- b. “Winter Wildflowers” – For an update to this MBC publication by Helen Smith, Larry and Tony will work to have guidelines available in time for winter photography.
8. Next State Board Meeting – will be held Saturday, January 23 in Lansing. Per Emily, a spring meeting with program will be held by the Southeast Chapter at a time and site to be determined.
9. Adjournment – Upon a motion by Tyler, second by Wayne, the meeting was adjourned at 1:29 pm.

—Submitted by Jim Hewitt, Recording Secretary
Revised 10/26/2015 & 01/24/2016

MBC - State Board Meeting, January 23, 2016

Office of the Michigan Environmental Council Lansing, Michigan

January 23, 2016

In Attendance: Alice Ward, Bob Kelly, Craig Elston, Emily Nietering, Garrett Crow, Irene Eiseman, Jim Hewitt, Judy Kelly, Larry Nooden, Lynn Kirkpatrick, Mary Danforth, Michael Huft, Phyllis Higman, Richard Fowler, Sarah Nooden, Tony Reznicek, Wayne Roussel. (17)

1. Called to Order by President Judy Kelly at 12:01 PM
2. Approval of the Agenda and of the Minutes
 - a. The agenda was approved upon a motion by Emily, second by Bob.
 - b. Michael moved to approve the minutes of the 10/17/15 meeting, second by Wayne. Judy offered a correction to delete the last 3 words of the last sentence in item 6b, Web Master, which had read "...link to the chapter Facebook page started by Judy." A motion to approve the corrected minutes was made by Irene, second by Michael, and passed.
3. Robert's Rules of Order – in effect for this meeting per Judy.
4. Announcements
 - a. President's email list: Judy passed around the list of board members for updating.
 - b. MBC brochure: Sarah passed around the pamphlet for changes or corrections.
 - c. Field Botany Course: Tony announced that he and Chuck Davis will be teaching this course at the UM Bio Station from June 25 to Aug. 20. He said financial support is available to offset tuition costs.
 - d. WAM Conference: Sarah has a display board that could be used at the Conference which will be held at the Kellogg Center in E. Lansing on March 6-7. The Club has purchased a \$50 ad in the Conference program which will enable MBC brochures to be included in participant packets.
5. Committee Reports
 - a. Special Members Chapter – Irene announced the new chapter now has a vice-president, Derek Shiels of Petoskey, who was once a sponsored student at a foray. Irene also said their Board is considering action to change the name from Special Members Chapter to Great Lakes Chapter.
 - b. Web Site – Judy said the Square Space hosting charge has been paid for 2016. Michael noted that the *Michigan Botanist* tab is not easily accessible. Michael will contact Sheila Bourgoin to ask her to reposition the tab back to the first page. Judy noted some chapters were not expeditiously updating their events on the site, particularly removing old events.
 - c. Corresponding Secretary – With the Foray on Labor Day weekend this year Mary questioned if there would be enough content to publish a spring *Arisaema*. Emily thought there would be and that there should be a spring edition as did Tony and Irene. Items to include would be a fall meeting recap (Judy to provide) and a piece about the new name for the Special Members Chapter from Irene. In order to include details of the April 30 spring meeting, to be provided by Emily. Mary's preferred deadline is March 1. The fall edition of *Arisaema* will be published in early August to accommodate details for the Foray and may or may not include chapter reports. Michael passed around issues of the Indiana Native Plant and Wildflower Society (INPAWS) for ideas.
 - d. Treasurer – The Treasury Statement prepared by Bob for the period January through December, 2015 showed a net outflow of \$2,419. The largest expense was \$1,825 for two publications and mailings of the *Arisaema*. With Board agreement, Bob will rollover a CD (Smith CD) for 1 year. Bob noted that the MBC money market account includes \$6,000 which was transferred from the "Smith Funds" account to be used for the publication of an updated Winter Wildflowers booklet. Bob will correct the date on the last entry in the Outflow column from 2015 to 2016 and with this so noted, a motion to approve the Statement was made by Wayne, second by Alice and approved.
 - e. *The Michigan Botanist* – Michael displayed the fourth double issue, newly printed and in the mail. The next one has been sent to the printer and should mail in February. The final catch-up double issue has been delayed somewhat due to extended author reviews and to author illness but should be completed in the 2nd quarter. Michael reported that he sold 11 copies of *The Michigan Botanist* (TMB) at an INPAWS conference last fall and also added two members through Facebook activity. Michael continued his analysis from the last meeting on the impact of a pending \$1,000 annual charge to host

(Continued on page 15)

MBC - State Board Meeting, January 23, 2016 (Continued)

(Continued from page 14)

- TMB* on the University of Michigan website. If *TMB* were made available only in an on-line format he estimated that a minimum of \$6,000 would be saved annually in printing and mailing expenses. Much of this cost is currently covered by institutional subscribers including the U of M Library and by the Hanes Fund. It was agreed that any decisions about the future format of *TMB* should wait until the Journal is fully caught up in its publication schedule and then a committee should be formed to carefully study the issue. Michael, Larry, Tony, and Bob were mentioned as logical candidates for such a committee. In the meantime less expensive hosting sites should be looked at such as Proquest, mentioned by Bob. Emily thanked Michael for his fine efforts in bringing *The Michigan Botanist* back on schedule.
- f. Constitution and Bylaws Committee – no report at this time.
 - g. Big Trees – Judy said she spoke with Andy Sawyer and that he would participate with Releaf Michigan, a statewide tree planting and education organization, in their Big Tree Hunt Program. Jim asked if there was any progress in placing the big tree database on the website. Neither Judy nor Emily were aware of any progress.
 - h. Isobel Dickinson Award Committee – Irene mentioned an apparent trend of multiple student authors per paper with a current extreme example of 25 authors for one submission and that this will complicate the Committee's work. She announced that Bev Walters and Dan Skean had joined the Committee.
 - i. Spring Meeting Report – Emily confirmed Hidden Lake Gardens in Tipton, MI as the site for the April 30 meeting. There is an auditorium, space for both MBC and MBF board meetings, and a likelihood for a good display of spring flora on the grounds as well as their rare conifer collection.
 - j. Fall Foray Report – Wayne said the Southwest Chapter is in receipt of a check from the Hanes Foundation to help with costs for the event to be held Labor Day Weekend at Holiday Inn West in Kalamazoo. The field trips are settled, new first aid kits have been ordered, and a registrar is in place. One question raised by Wayne and the other organizers (Becky and Lynn) was if non-members would be eligible to attend. Garrett felt that non-members should be welcome and Board members agreed but with the understanding that members should have priority in field trip assignments. It was suggested that the Foray could be advertised through the North Chapter of INPAWS.
 - k. Foundation Report – Acting President Emily announced the first grant for 2016 has been awarded to Susan Fawcett for a two-year study of spleenworts and she passed around a paper describing the study. Emily said that Michael Huft and Bob Kelly have joined the Foundation Board bringing it to six members and that the Board would meet April 30 to elect officers for terms beginning in July.
 - l. Nominating Committee – Sarah announced candidates for four of the five openings have been selected by the Committee as follows: President, Garrett Crow; Vice President, Dan Skean; Corresponding Secretary, Sheila Bourgoin; Recording Secretary, Jim Hewitt. A candidate for Treasurer is still sought.
6. New Business
 - a. Nonprofit status of MBC: 501(c)4 vs. 501(c)3 – The pertinent differences between the two organizational structures, as explained by Michael, is that c4, under which MBC is organized, does not permit tax-deductible contributions but does allow unlimited lobbying. Under c3 tax deductible contributions are allowed but lobbying is restricted to 20% of expenditures.

In seeing advantages to a c3 status, Irene, as did Larry, felt the Club's finances were not in the best of shape and she also believed, as did Tony, that there would be a greater likelihood of increased contributions if they were tax deductible. Richard preferred the current arrangement with MBC removed from contribution and grant issues and the Foundation handling that function. Emily noted that two recent contributions received by MBF and intended for MBC were easily passed on.

No one present could recall much in the way of lobbying and any activism on legislative issues was believed to be educational in nature. Other issues raised in this discussion included the cost of a c3 application (\$400), the impact of the change on the chapters' organizational structures, the need for amended Articles of Incorporation, and the restrictions, if any, of moving money from the Foundation to the Club.

(Continued on page 16)

MBC - State Board Meeting, January 23, 2016 (Continued)

(Continued from page 15)

Garrett moved, Tony second, to request Michael to identify the paperwork required for MBC and its chapters to apply for and maintain c3 status and the pros and cons of doing so. Motion approved and Michael agreed to work on this. Irene suggested this issue be shared with the membership in the Arisaema and this could happen if Michael would make his analysis of the topic available for Mary.

- b. Special recognition award – Larry explained that there are examples of noteworthy contributions toward the mission of MBC by non-members who would benefit personally and professionally from recognition. Garrett and Tony liked the idea, and there was some discussion of what to call it and the nature of the prize. Michael said it could be named after an individual, e.g. Ed Voss. Larry submitted a page-length explanation in support of his idea but Irene wanted him to sharpen the definition of the award and bring it to the next meeting for action. She put this in the form of a motion second by Alice which was approved.

Garrett had a separate idea, also supported with a prepared document, of a distinguished botanist award to bring in an academic of note to speak at the fall meeting and thus encourage greater general membership attendance at that meeting. Due to the length of the board meeting this proposal was not acted upon but would be considered next time.

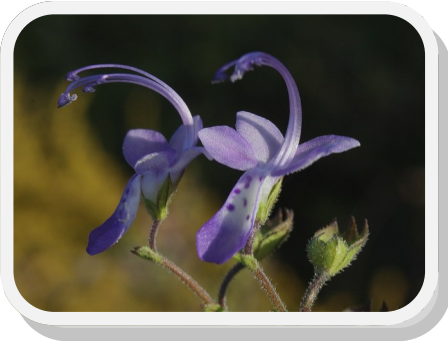
Garrett said his main motivation was to give everyone in the Club an opportunity to get together more than just once a year at the Foray.

7. Old Business

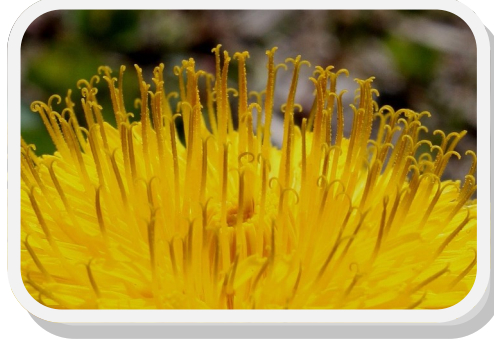
- a. Winter Wildflowers – The project is progressing per Larry and Tony. Some photos still needed.
8. Next State Board Meeting – April 30 at Hidden Lake Gardens in Tipton, MI. Time to be determined.
9. Adjournment – Upon a motion by Sarah, seconded by Mary, the meeting was adjourned at 3:00 pm.

—Submitted by Jim Hewitt, Recording Secretary
Revised 02/16/2016

Photos and Captions by Robert Smith



*Blue curls indeed! -
blue curls,
Trichostema
dichotomum*



*Even dandelions
can be new - Red-
seed dandelion,
Taraxacum
erythrospermum*



*A nod to a thistle -
Carduus cernuus*



*A jewel among the
spines - big devil
beggar-ticks, Bidens
vulgata*