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The Hawthorn Chapter of the Missouri Native Plant Society Newsletter is published monthly. Send submissions by the 26th of every month to:

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Missouri Native Plant Society Hawthorn Chapter Newsletter

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Future Activities

August 18th, Thursday at 11:30 am: Lunch at Uprise Bakery. 10 Hitt St., just south of Broadway.

September 12th, Monday at 7:00 pm: Bimonthly Meeting at Unitarian Church. Native Plant Identification by Becky Erickson.

September 15th, Thursday at 11:30 am: Lunch at Uprise Bakery. 10 Hitt St., just south of Broadway.

October 8th, Saturday from 10 am to 4 pm: Chestnut Roast. We will once again have a booth at the Chestnut Roast at HARC in Franklin, MO.

October 20th, Thursday at 11:30 am: Lunch at Uprise Bakery. 10 Hitt St., just south of Broadway.

July 11th Meeting Minutes

Treasurer's Report: John was not at the meeting so there was no treasure's report.

Old Business: None

New Business: MU's South Farm wanted to know if the Chapter would set up a booth and sell plants at the South Farm Showcase on Oct 1. There will be a couple of presentations on monarchs and pollinators. Since the Chapter was already committed to the Chestnut Roast the next weekend there was not enough interest to do both. It was decided that we would not have a booth at the South Farm Showcase.

Book Discussion: Teaming with Microbes. Wayne Lewis and Jeff Lowenfels. From Amazon: "The 2011 Garden Writers of America Gold Award for Best Writing/Book proves soil is anything but an inert substance. Healthy soil is teeming with life -- not just earthworms and insects, but a staggering multitude of bacteria, fungi, and other microorganisms. When we use chemical fertilizers, we injure the microbial life that sustains healthy plants, and thus become increasingly dependent on an arsenal of artificial substances, many of them toxic to humans as well as other forms

of life. But there is an alternative to this vicious circle: to garden in a way that strengthens, rather than destroys, the soil food web -- the complex world of soil-dwelling organisms whose interactions create a nurturing environment for plants. By eschewing jargon and overly technical language, the authors make the benefits of cultivating the soil food web available to a wide audience, from devotees of organic gardening techniques to weekend gardeners who simply want to grow healthy, vigorous plants without resorting to chemicals."

Louise Flenner led the discussion and invited soil scientist Fred Young to enhance the discussion.

Submitted by Gail Raskin.

News from Stateside

Submitted by Becky Erickson

Field trips out of Poplar Bluffs



Butterfly Weed.
Courtesy of Becky Erickson.

Markham Springs USFS RA 1 pm Friday 24 June. Folks straggled in Friday afternoon from as far away as KC, Springfield MO, and central IL to a beautiful campground on National Forest land. Weather was hot and humid = drippy. About 40 ambled through the campground. Then along the Eagle Bluff Trail right next to the Black River. We saw small forest of Hydrangea then *Blephelia*. Also seen along the river trail was ginger, ginseng, jacobs ladder, goldenseal, horsetail, spicebush, black cohosh with its gracefull spiked white blooms! Then we turned up into the dryer forest to find dittany, russel's monarda, rattlesnake master, elm-leaf goldenrod, cliff goldenrod, blueberry. We descended the hill to a millpond next to the re-built homestead rock house where we found lizard tail, ebony spleenwort, broadbeach fern, maiden-hair fern, and sensitive fern. Friday evening Susan Farrington gave us an overview of the geology and the plant communities we would encounter the next day. She also explained the difference between the landscape first encountered in MO in 1820's compared to what we see now – and the need for more fire management.

Rocky Falls and Klepzig Mill 25 June 8am. We visited a restored fen along the Ozark Trail. This area had been choked with native weeds, mostly cedars. Many trees were cut out, then the area was burned. The result was a fabulous Pine woodland full of native vegetation which had been dormant under the choking shade of too many trees. We saw Florida yellow flax = a state listed plant growing vigorously. Riddell's goldenrod had shown a few hundred stems before management. Now there were nearly 100,000 stems. We also saw purple and yellow loosestrife. Along the edges were purple prairie clover and butterfly milk weed. In the afternoon we went to Mill Mountain shut-in. The primary notice beyond the beauty of the water falls was the serecia lespedeza that had washed down the creek from the roadside plantings. This issue is something we need to fight where ever we are.



Waterfall. Taken by
Becky Erickson.

Pump Hollow USFS NA, 26 June 8 am. This NA was established to make notice of special communities within the area. Justin Thomas surveyed this whole area and nominated it as a NA. We were greeted by *Spiranthes vernalis*, spring ladies' tresses standing three feet tall!! The upland area is pine over-story with hardwood understory and little vegetative ground cover. But dropping into the creek bottom, it was another world definitely worthy of Natural Area recognition. We found royal fern, lady fern, sensitive fern, net-leaf fern, Christmas fern, and the gem of the day: *Platanthera clavellata*! Green woodland orchid.

Annual Meeting came to order at 7:36pm at the Holiday Inn Poplar Bluffs MO.

Justin and Dana Thomas set up all field trips this year. So far they have been exceptional. Fall trips are scheduled to meet at Mound City 23 thru 25 September. Moseys will extend to Loess mounds at Star School Hill and Brick Yard Prairies, and sand bars along MO River lead by Steve Bubeck.

Education award was given to Linda Hezel who has developed Prairie Birthday Farm near Cameron [NE of KC]. She has incorporated acres of natives in her cut flower and fruit business which supplies several restaurants in KC. She welcomes busses of school children to learn about organic farming and the work native plants do for our food production.

John Wiley Service Award went to Casey Burks of Osage Plains chapter. She has been active in all facets of chapter activities for over 20 years. As a naturalist, entomologist, and ecologist, she supplies information about interactions of animals and plants. She has been a state officer. She offers a regular column in the Petal Pusher "From Casey's Kitchen" and always gets her reports done on time and written with an interesting lilt.



Dan Dreese
Interprets.
Courtesy of
Becky Erickson.

Plant Conservation Award went to Carol Davit for outstanding contributions to the conservation and preservation of native plants and plant communities in Missouri. Carol is the primary leadership of Missouri Prairie Foundation and Grow Native.

Christ Research Award went to Linda Ellis who has drawn thousands of plant illustrations for Steyermark, for Yatscievych, and for illustrations on MONPS T-shirts. Her precise depictions of her observations are deeply appreciated. They are available to teach anyone who seeks knowledge of our natural world. Thank you Linda.

Plant Stewardship Award went to Doc Wayne Morton for his habitat restoration of Prairie, Savanna and Glade in Benton County near Cole Camp. Doc has about 1000 acres just across the county road from MDC's Hi Lonesome Prairie. His management has produced a very high diversity of native vegetation. He encourages visitors to his land for educational opportunities.

MONPS Quarterly Meeting

Meeting brought to order at 8:07 pm, 25 June 2016. A quorum was not present. 23 to 25 Sept is the fall field trip to wild areas around Mound City.

Membership: 170 members did not renew in FY 2015.

Website: Need to find better way to renew. We need to re-organize new member communication and renewal. Install a better payment portal. Website overhaul needed. Need a consistent webmaster. Need a person to keep website updated, add to calendar, add PP', remove outdated info. Will probably cost \$1000, Then \$10 to 30 per month for changes. Facebook has about 7000 members, mostly in StL. Very few will sign up as a member.

Missouriplants.com is up. Some profiles are incomplete. Some species are missing data. MOBOT renewed domain name.

Hudson Award: we need an academic to proof papers for Hudson award.

Board Members: need to recruit new board members. Most likely prospects are Ron Gladske and Kira Krakos.

The meeting was dismissed at 9:30 pm.

May 9th Meeting Minutes

Submitted by Becky Erickson

Denny Donnell called the meeting to order at 7:05 pm.

John reported we made \$1296 at the Bradford sale and \$704 at Earth Day in April.

The primary business was a discussion on what the next meeting programs would be. Someone asked for plant identification. Becky offered to lead that program in September. Everyone needed to bring plant samples they could not identify. Other suggestions for July were plant propagation, but that is usually given in January. The

consensus was that everyone was to have open senses about anyone they encountered for the possibility of giving a program; send those ideas to Denny or Vanessa. Louise Flenner volunteered to lead a book discussion at the July meeting; her decision would come out by email soon. Janice Albers agreed to represent the chapter at the state meeting in Poplar Bluff 13 – 15 May.

The high points we all looked forward to on the up-coming calendar were the orchid hike 10 May, 5:30 pm to Paris Fork trail in MTNF, the last Randal

Clark walk at RBSP 12 May, 5:30 pm, and the last spring plant sale at Bass Pro, 21 May, 10 to 2. We are all glad to take a break for a while June thru August.

John George gave us an enlightening program comparing the landscape in MO 200 years ago when Schoolcraft made notes, to the present landscape. John made multiple comparisons. In every one he pointed out the historic landscape was far more open than the choked forests we see now. The missing element is landscape fire.

Please Step Forward for Service

Please contact one of the officers ready to volunteer a little time to a very good environmental and educational service. We need people to serve as officers, to grow plants for fundraising, and we need people to man our information booth at events such as Earth Day and the Spring Bradford Plant Sale. If you receive this by mail, please consider requesting email delivery.

- Regular (\$16.00)*
- Student (\$11.00)
- Contributing (\$26.00) Designate Chapter or State
- Paper Postal Service (\$5.00)
- State Lifetime (\$200.00)
- Chapter Lifetime (\$120.00—you must also be a member of the state organization to utilize this option)
- Chapter Only (\$6.00—this is for members who already belong to State and another Chapter)

*Includes both Chapter (\$6) and State (\$10) dues.

Make check payable to **Missouri Native Plant Society**. Send check and this form to: Paula Peters, 2216 Grace Ellen Dr., Columbia, MO 65202.

MEMBERSHIP FORM

Missouri Native Plant Society—Hawthorn Chapter
July 1st through June 30th.

Name _____

Address _____

Phone: Evening _____

Day or Cell _____

Email _____

As of July 2015 printed paper Petal Pusher newsletters sent by post will cost an additional \$5.00 more than standard membership. Email delivery brings not only a color copy of the newsletter, but also updates and announcements between newsletters. The local Chapter newsletter will be sent by email.

Hawthorn Chapter Missouri Native Plant Society
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