



Missouri Native Plant Society Hawthorn Chapter Newsletter

Volume 26, Number 6
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The Hawthorn Chapter of the Missouri Native Plant Society Newsletter is published monthly. Send submissions to:

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Future Activities

Watch email for notices of impromptu hikes. **Please offer suggestions of your favorite walking destinations** to Paula or Becky; we will get them posted as soon as weather permits. **PLEASE call or email Becky 657-2314 or Paula 474-4225 as soon as you know you will attend an activity.** We don't want to leave anyone behind if weather or plans change. Leave your name and PHONE # if you leave a message. If you do not communicate by email and have a suggested destination or want notice of a walk, call Paula 474-4225 to get on the phone list. Carpool meeting place, MDC Research Center, is on College just north of Stadium.

3-5 June Camping/hiking trip to Hawn State Park, Call Vanessa immediately if interested in attending.

11 June Saturday, 9 to 2 Native Plant Outdoor Laboratory (NPOL) inauguration will in Marshall MO [see article Page 6](#)

10-12 June Friday-Sunday: State Meeting based at Ironton. Visit restoration efforts at Johnson Shut-ins and near-by fens – probably see grass pink orchids and Hine's emerald dragonfly. See Petal Pusher for details.

16 June Thursday afternoon: Quail & Native Plants Bradford Farm. 4 -8 pm. Set up at 3 pm. Please volunteer to help with booth.

23 June Thursday Lunch with Native Plant Enthusiasts: 11:30 RagTag, 10 Hitt St [just south of Broadway]. **Date change due to plant sale the week before.**

25 June: Mule Shoe Conservation Area [Hickory Co] small fens, dolomite glades, John George [member and MDC Regional Naturalist] leader. For carpools, meet at 8am at MDC Research Center.

11 July Regular Membership Meeting: 7:00pm at the Unitarian Church, 2615 Shepard Blvd. Program not yet decided. **DUES ARE DUE IN JULY**

21 July Thursday Lunch with Native Plant Enthusiasts: 11:30 RagTag, 10 Hitt St

23 July Mark Belwood Prairie restoration near Marshall Jctn. Meet at MDC Research Center for Carpools to leave at 8 am. Bring camera, water, snack, sunhat, any other personal comforts. We can talk about habitat reconstruction and challenges.

Lunch at Glenn's [Cajun] Restaurant in Fredrick Hotel in Boonville.

20 August Saturday Coakley Hollow and Ozark Cavern NA [Camden Co]. Watch for details.

9-11 Sept, Friday -Sunday: State Meeting Sedalia: Most outstanding prairies in the region. Watch Petal Pusher for details.

24 September Saturday: HaHaTonka State Park. Watch for details.

8 October Fall Color walk. Send us your idea for a destination. Watch for details.

15 October Chestnut Festival 10am to 4 pm. Be there at 9am for set-up. Bring potted plants ready for sale. This is always well attended and fun: Call Paula to confirm your time to volunteer.

Call Paula for more information 474-4225

Thanks to Ann Wakeman, Nadia Navarrete-Tindall, John White, and Lea Langdon for their submission to the newsletter. The more diversity I get for submissions, the richer will be the content of this newsletter. What inspires you about the nature you see? Everyone with an 8th grade education can write, just go for it! Editor

Regular Meeting Minutes

Submitted by Ann Wakeman, Secretary

The May 9 meeting of the Hawthorn chapter of Missouri Native Plant Society was called to order at 7pm by president Vanessa Melton-Spivey.

Lea Langdon presented a program on Wild Edible Native Plants. To begin, she reminded us on rules and ethics of wild plants [If it is a native, don't pick the whole colony in one site.], along with a suggestion to initially sample small amount of any wild edible you haven't yet tried. Some wild plants may be an acquired taste. She went on to list plants which could be used as pot herbs, salad greens, including edible flowers to add to the salad. Pot herbs may be added to egg dishes and stews. Newly emerged fiddleheads of ostrich fern are as tasty as asparagus, and the inner part of cattail shoots are crisp and sweet. Lea showed books which are excellent references for identifying wild plants for collecting, eating and recipes. These references can be found in libraries, online, now even an app for iphones. We then sampled some tasty tidbits like black locust flowers which taste like peas (much like redbud flowers), a fritatta with chickweed, stinging nettle and wild onion, and a salad of mixed greens. This was one program meeting attendees really ate up.

Treasurer's report. After two reimbursements, John George reported a balance of \$6869.64.

Vanessa received communication from the Columbia Metro Rotary Club which was emailed to members before the meeting. They are building a rain garden at an inner-city pre-school with the potential of educating additional young children in the area. The Rotary Club is asking our chapter to partner with them on maintenance guidance and educational opportunities. After much discussion regarding design and materials going into this rain garden without our input, it was agreed to have the Rotary Club contact info forwarded to Lea Langdon for follow-up.

School Grants Program: Becky Erickson brought up whether more applications would be submitted if the grant amount were increased, and by how much. Nancy Langworthy and Glen will discuss possible changes/additions to that brochure. There will also be an article put in the teachers newsletter.

Nancy Langworthy reported there were no additional comments were received from members on the Hawthorn Award.

Announcements: Becky Erickson stated the Hawthorn chapter booth made around \$1500 from plant sales at Earth Day and Native Plant Day at Bradford Farm. She mentioned upcoming field trips. Camping and hiking trip to Hawn State Park, Paris Fork access of USFS land in Callaway county. Field trip to see Jean Graebner's prairie planting is postponed due to illness. Becky reminded the chapter of the June 16 Quail and Native Plant Day at Bradford Farm.

Next meeting will be July 11 with program to be announced.

Meeting was adjourned at 8:40.

Upcoming Field Trips

If the upcoming field trips in June and July are even close to the fabulous outings we had in April, they will definitely be "Ooo-Wow!" moments. They will be some of those days you will never forget. Mule Shoe, the State trip to Ironton and our visit with Mark Belwood have been on the calendar since 1 March so there is no excuse that you haven't planned to go.

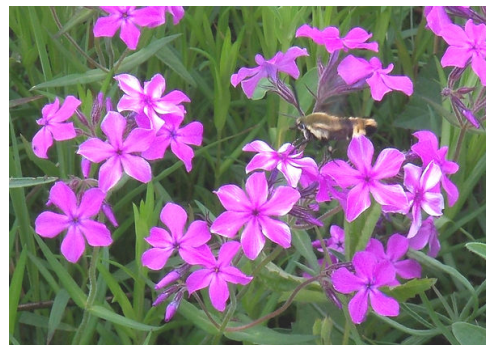
PLEASE consider the task of the coordinators and contact one of them at least the day before the trip to tell them you plan to go. We don't want to leave anyone behind when we leave from the car-pool location and we don't want someone waiting there to go in a storm. If we KNOW you are coming we can keep you informed of last minute changes.

Native Plant Society always needs your input. PLEASE tell us what kind of activity you would participate in. Where do you want to go to explore? What workshop would you attend? What kind of information do you need? Please connect with one of the officers with requests, suggestions and other comments.

DUES ARE DUE IN JULY

Judicious Use of Herbicides

Some of us in this organization have experience with the use of herbicides to control alien invasive species. We would very much like to get our personal experience out to landowners who really want or need this information. Due to patents and labeling restrictions we cannot publish our personal experiences. If you would like to receive this information for personal use only, contact the newsletter editor.



Phlox pilosa
and clear-wing
hawk moth

BE photo

News from Stateside

Joplin April 29 – May 1

Submitted by John White, Chapter Representative

The MPNPS State Board Meetings and field trips were held at the Joplin area in southwestern Missouri. The scheduled speaker was unable to attend the Friday meeting at the Walter Woods C.A., so George Yatskiyevych delivered an excellent presentation, describing his trip to Eastern Brazil. The board meeting was held Saturday, April 30, also at the Old Izaak Walton League Lodge at Walter Woods C.A. A summary of the meeting follows.

Spring Board Meeting, April 30

- There are 20 new members in the Society since the last board meeting.
- Ballots for society officer and board candidates are in the May-June Petal Pusher.
- The wildflower poster project is still in the works. Posters will have Roadside Native Flowers on the front in six colors and individual flower and MODOT text information on the back. MODOT will pay for the posters. One poster will be made initially for review.
- 48 more Tote Bags are going to be ordered. These should be cheaper than last time, \$7.75 each our cost and still sell for \$12.00.
- A committee is in the process of obtaining designs and cost estimates for new T-shirts. There will be one new design and three of the old designs will be selected and used.
- The Botany 2011 Conference will be held in St. Louis July 10-13 at the Chase Park Plaza Hotel. MONPS will have a booth there. Sue Hollis will supply the booth and run it but 2-4 volunteer chapter members are needed to help. There is a \$45.00 charge for each person working the booth but the Society may defray part of that cost. There will be Scientific Meetings, and some other groups represented include the American Fern Society, Botanical Society of America and the Society of Economic Botany.
- Patch-Burn-Graze update: MDC will not initiate new grazing on Natural Areas but will continue research on the existing areas in use. (MDC edict).
- Brian Redmond gave a presentation on the proposed MONPS Database. He will set up a representative system that the members can use temporarily to get a better understanding of how the system will work.

DUES DUE IN JULY

Field Trips

Walter Woods Conservation Area

This is a forested area about two miles south of Joplin. The Izaak Walton League donated the 28 acre area to MDC in 1985. There is a beautiful stone wall fence along the front of the property entrance and a meeting lodge within the area, both built by the WPA in the early 1930s. A short drive to the small parking areas reveals a surprising country club look with a very large, mowed grass area, the clubhouse, a spring, paved walkways and flower plantings. A paved one mile trail leads from the clubhouse, through a wooded area, and back. Plants along the trail included bladdernut, hazelnut, black haw, and *Thaspium barbinode* (hairy-jointed meadow parsnip).

Wildcat Glades Conservation & Audubon Center

Wildcat Glades is 1 mile south of I-44 in Joplin. There are only 60 acres of chert glade habitat left in the world, and this area has 27 of those acres. As we started the hike in the glade area at the top of the bluff a discovery of *Trifolium carolinianum* (Carolina clover) was made. This species has not been observed in Missouri in almost 91 years. Thanks to an update by Paul McKenzie, I can report that George has confirmed the identification and Cyndi had returned and found additional clumps in Wildcat Glade NA on Tuesday. That brings the total documentation at the two sites to 32 clumps/patches and over 1,000 flowering heads. A specimen of *Trifolium carolinianum* collected by E. J. Palmer in Webb City, dated 1920, was found at the Dunn Palmer Herbarium, and so far is the most recent one for Missouri prior to the current documentation.

Another interesting plant found on the bluff top was *Woodsia obtusa* ssp. *occidentalis* (Western cliff fern). This fern has been found only at Wildcat Glades in Missouri.

Diamond Grove Prairie

This tallgrass prairie is a remnant of a large prairie that occurred around Diamond, MO. There are 570 acres of level and gently rolling terrain with an interesting aspect; There are oval "mima mounds", 10 to 30 yards in diameter and two to six feet tall, dotting the prairie landscape. The latest theory is that a now extinct species of gopher could have created these mounds. At any rate, the mounds are further proof that this prairie has never been plowed. MDC manages the area including prescribed burning. A few of the many plants seen were *Castilleja coccinea* (Indian paintbrush), one of them yellow, *Krigia dandelion* (potato dandelion), *Polytaenia nuttallii* (prairie parsley) and several nice patches of *Dodecatheon meadia* (shooting star) and *Phlox pilosa* (prairie phlox).

Missouri Southern State University Prairie in the town of Joplin

A few of us stopped at this small Prairie remnant in the eastern part of Joplin on the way back to the Motel and started a species list for the area. 90 species were listed, plus a Prairie King Snake. Not bad for the hour and a half we were there.

Wah-Sha-She Prairie

Braced against the chilly wind Sunday morning, this was our last Prairie to visit before starting home. The 145 acre Prairie is located north of Asbury in NW Jasper County on Route M, approximately three-fourths mile east of Highway 171



Camassia and
honey bee at
Wildcat Glade

BE Photo

Hawthorn Award

Submitted by Nancy Langworthy, Vice-president

Note: President Vanessa Melton first proposed that our chapter institute this award several months ago; members present at that meeting suggested some changes to the proposed terms which are incorporated here. The intent is to vote on accepting the following terms for the award at the July meeting.

What is it? The Hawthorn Award is a new award intended to honor individuals or organizations which demonstrate excellent use of native plants in landscape planning, design and/or implementation or in some other way significantly assist our chapter in meeting its goals and purposes. The award is intended for those who are not affiliated with the Missouri Native Plant Society (MNPS) or the Hawthorn Chapter of the Missouri Native Plant Society (Hawthorn Chapter).

Timing of award: As appropriate nominees are proposed, but no more than once a year.

Who may receive the award: An individual, business, community, or organization not a current member of the Hawthorn Chapter or any other chapter of the MNPS.

May more than one award be made within a single year? Yes, though that is not anticipated nor considered particularly desirable. The intent is to make this award a very special and selective event which could be publicized to the benefit of the recipient and of the Hawthorn Chapter.

Award criteria: This award recognizes excellence in the demonstration of using native plants in landscape design and implementation as well as private and professional gardens, the use of sustainable gardening by using native plants, and/or excellence in education of non-MNPS members of the benefits involving 1) restoring or managing adverse natural plant communities or 2)

(about one half mile east of the Kansas state line). Wah-Sha-She means “Water People”, an Indian term for one of the subdivisions of the Hunkah. The Prairie is owned by The Nature Conservancy and is leased to MDC. It is a designated Natural Area.

This is the only claypan soil prairie on public land in the Osage Plains Natural Division. It contains an artificial pond promoting sedges and wetland plants including Nuphar (yellow water lily). The plant growth looked rather sparse compared to other prairies but it is early spring and rather cool. A few plants seen were *Dodecatheon meadia* (shooting star), *Castilleja coccinea* (Indian paintbrush), *Baptisia bracteata* var. *leucophaea* (cream wild indigo), *Tephrosia virginiana* (goat’s rue), and *Dalea candida* (white prairie clover).

As we had to head back to the cars before we wanted to because it started sleeting; Amazing for early May!

using native plants of local ecotypes in landscape design and gardening.

How to make a nomination: Either members of the Hawthorn Chapter or outsiders/non-members may nominate a person or group for the award. Nominations of candidates for a Hawthorn Award must be made in writing by a member of the Hawthorn Chapter or if made by someone outside the Hawthorn Chapter, the nomination must be endorsed in writing by a Hawthorn Chapter member who has personally verified the basis for the nomination. Supporting documentation must accompany the nomination; the nomination is not complete without these documents.

The actual nomination should be a short paragraph (no more than half a page) explaining why the nominee should receive the award; it must be signed by the original nominator as well as the verifying member, if originating from the outside. The nomination must be accompanied by photograph(s) or other appropriate documentation, and must be submitted to the president of the Hawthorn Chapter.

Chapter decision-making process: The president of the Hawthorn Chapter will appoint a committee of members who will evaluate the nomination and recommend to the Chapter whether or not to make the award. The president may request that the committee to act within a certain timeframe or to visit the site or to consult experts as appropriate as part of its deliberations. The membership should have an opportunity to discuss the recommendation if desired prior to voting on the committee recommendation.

How will the award be made? The Hawthorn Chapter will honor the awardee at a regular meeting and present an award plaque. The Chapter will also put a notice of the award and presentation in the local newspaper(s) (local to the awardee) and try to secure a TV or radio spot on a local station (e.g., Paul Pepper).

-A DAY IN THE GARDEN-

Visit the New Native Plant Outdoor Laboratory in Marshall, Missouri

*Submitted by Dr. Nadia Navarrete-Tindall
Lincoln University Native Plant Extension Specialist*

Lincoln University Cooperative Extension (LUCE) Native Plant Outdoor Laboratory (NPOL) inauguration will take place in Marshall, Missouri on Saturday, **June 11, 2011** from 9 a.m. to 2 p.m. This is a collaborative project between LUCE's Native Plant Program (NPP), the Nicholas Beazley Aviation Museum, Inc., the Martin Community Center, and the Missouri Department of Conservation with part of the funding provided by the Buckner Foundation of Marshall, Missouri and Lincoln University.

Activities include garden tours and exhibits and hands-on demonstrations. The demonstrations will include information about the value-added uses of Missouri native plants, exhibits about beneficial insects, small ruminants, potting your own flower and/or vegetable. Food samples using native plants and traditional El Salvadoran snacks will be available.

The primary mission for LUCE's NPP is to increase awareness about native plant diversity and the importance for conservation and wildlife in urban and rural areas. The main purpose of this new outdoor laboratory is to provide an accessible location for students, teachers, residents and visitors to learn to identify native plants and provide a beautiful garden for the entire community to enjoy. Signage and publications will be available in English and Spanish.

The laboratory is approximately two acres in size and consists of a series of native plant gardens, including a rain garden and a recently seeded prairie.

For directions and more information please contact Amy Gooding at email: GoodingA@lincoln.edu or Wanda Latimer at 660-886-2630 or email: mccnbam@mmuonline.net or.



One of 50 Puttyroot orchids seen at Paris Fork MTNF.

AW Photo

Spring Greens Florentine, adapted from Catrina Adams of the Mo Botanical Garden
Submitted by Lea Langdon

6 eggs
2 Tbsp flour (I use whole wheat)
12 oz. cottage cheese
8 Tbsp melted butter
8 oz. sour cream
8 oz. cream cheese, softened
2 c mixed cheeses (I used mostly Mexican & some parmesan)

3-4 c. mixed wild greens (I used young stinging nettles leaves, chickweed (all but the roots) and about 6 wild onion bulbs) lightly packed

- 1) Mix the first 6 ingredients well. Wash the greens and chop coarsely or leave whole.
- 2) Saute the greens for a short time to wilt them. (Early in the spring, greens will be tender enough to skip this step.)
- 3) Fold the cheese and greens into the egg mixture. Pour into a 13 x 9 inch greased baking dish.
- 4) Bake at 350 for 30-40 min, until a knife inserted in the center comes out clean.
- 5) Serve hot or cold.

Other early spring greens that could be used include: common violets, garlic mustard (the shoots are the best part), corn salad, spiderwort, wild lettuce, spring beauty, young leaves of dandelion (before blooming), chicory and plantain, and a little later in the season: purslane, lamb's quarters, and amaranth.

Thanks to all who shared their wild edible plant knowledge with us at our May meeting.



John, Carol, Mike, Mike's parents, Paula, and Vanessa at the natural bridge on Clifty Creek. BE Photo



Copperhead on trail in Clifty Creek NA VM-S Photo

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 Chestnut Festival. If you get this only by mail, please consider requesting email delivery; it saves us money.

___ Regular (\$16.00)*

___ Student (\$11.00)

___ Contributing (\$26.00)* designate chapter or state

___ State Lifetime (\$200)

___ Chapter Lifetime (\$120 – 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
DUES ARE DUE IN JULY

MEMBERSHIP FORM Missouri Native Plant Society—*Hawthorn Chapter*

July 1 through June 30.

Name _____

Address _____

Phone: Evening _____

Day or Cell _____

Email: _____

Method of receiving chapter newsletter:
(circle preference) **Email** **Regular mail**

Email delivery brings you color photos and it saves NPS money. With email delivery you also receive updates and announcements between newsletters. Regular Mail includes NO interim updates or reminders without request for phone contact.

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