



# Missouri Native Plant Society Hawthorn Chapter Newsletter

Volume 28, Number 5  
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May 2013

## Future Activities

Watch email for email 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 **Call Paula for more information.** Carpool meeting place, commuter parking lot at AC and US63.

**We will no longer offer planned tours of local wild areas. Occasionally one will be posted on the calendar. Otherwise, only interested members will be contacted by email a few days in advance of a mosey activity. As stated above, let your ideas for a mosey location be noticed. We will let the rest of the local membership know about the visit to your favorite location.**

## May

**See complete explanation inside.**

**4 Saturday, Mosey with MPF Glades of Indian Trail Natural Area**

**11 Saturday, Mosey with MPF Sand Prairie Guided Tour**

**18 Saturday Field Tour of MPF's Welsch Tract Restoration Project**

**25 Saturday Mosey with MPF Valley View Glades Natural Area Guided Tour**

**13 Monday Regular Membership Meeting, 7 PM, Columbia Public Library** Broadway and Garth. Program description inside.

**16 Thursday: Lunch with Native Plant Enthusiasts, 11:30 at RagTag, 10 Hitt St [Just south of Broadway].** Informal exchange of ideas and information.

## June

**Summer State field trip – June 14-16, 2013 – [SE] Salem or Ellington, Cave Branch Camp.** See May Petal Pusher for two pages of directions, field trip agenda and motel suggestions.

**13 Thursday: Lunch with Native Plant Enthusiasts, Date has changed due to conflict with the next activity.** 11:30 at RagTag, 10 Hitt St [Just south of Broadway]. Informal exchange of ideas and information.

**20 Thursday, Booth set up and plant sale at Bradford Farm for Quail Day.** 1 to 6 pm. Call Paula to volunteer – Please!

## MONPS State Board Meeting Schedule for 2013

Fall - August 20-22, 2013 – [NE] Kirksville, Morris Prairie and Union Ridge CA.

Winter - December 7, 2013 – Columbia, Dunn-Palmer Herbarium

**Thanks to Ann Wakeman, Nadia Navarette-Tindall, Emily Young for their submissions and suggestions to the newsletter this month. Thanks to Doug Miller for keeping the website up to date. We would like to get announcements, impressions, species accounts, poems, links to scientific articles or other creative nature writing from you, too.**

## Moseys with Mo Prairie Foundation

### 4 May Saturday, MPF Glades of Indian Trail

**Natural Area** Natural History Biologist and MPF member Susan Farrington will be your guide to tour the very impressive Big Glade and a glade or two at Plank Hollow at Indian Trail Natural Area at Indian Trail CA, north of Salem. Highlights will be wild pink, known only from a few Ozark counties and the yellow variant of Indian paintbrush, plus a full complement of the usual beautiful glade flora. Plank Hollow should have a great flush of new growth and color. RSVP to Susan at 314-402-3345 or [susan.farrington@mdc.mo.gov](mailto:susan.farrington@mdc.mo.gov) to get meeting place details. 12:30 p.m. to roughly 5:00 p.m. Bring sack lunch.

### 11 May Saturday MPF Sand Prairie Guided Tour



*Sand prairie photo by Bob Gillespie.*

Natural History Biologist Bob Gillespie will be our guide to the fascinating sand prairies, swales, and savannas of the Bootheel. Meet Bob at the Cape Girardeau Nature Center parking lot at 10:00 a.m. to carpool/ caravan to Sand Prairie Conservation Area (about 20 miles south of the Nature Center) and a private sand prairie as well. The Cape Girardeau Nature

Center address is 2289 County Park Dr., Cape Girardeau, MO 63701. For those coming from St. Louis, from the Highway 270 and I-55 junction, travel south on I-55. The Nature Center is 103 miles or 1 hour and 45 minutes. Take Exit 99 to the Nature Center. Bring water and a sack lunch. RSVP to 888-843-6739, [info@moprairie.com](mailto:info@moprairie.com) or to 573-356-7828.

### 18 May Saturday:Field Tour of MPF's Welsch

**Tract Restoration Project** Join MPF Past President Stan Parrish and Prairie Operations Manager Richard Datema for a tour of the restoration in progress at MPF's Welsch Tract, an 80-acre addition to Coyne Prairie in Dade County. Learn about the savanna restoration, brush clearing, and invasives removal techniques. See the portion of the property seeded in Jan. 2013 with a diverse mix of locally harvested seeds. Directions: At the junction of state highways E and D in Dade County (8 miles north of 160), go east 1 mile on E then turn south on County Road 41. Go about 1 mile and park along the road. Dress for a walk through some tall vegetation. 10:00 a.m. to 1:00 p.m. Bring a sack lunch and water. RSVP to 417-788-2308.

### 25 May Sat: Valley View Glades Natural Area

**Guided Hike** 10:00 a.m. to noon. Join guides Bill and Joyce Davit for a walk through this 225-acre complex of glades in Jefferson County owned by MDC. Mo. evening primrose and other wildflowers should be at peak blooming. Free. Bring a sack lunch. Valley View Glade is on Route B between Hillsboro and Morse Mill. Meet in the parking lot. RSVP to [info@moprairie.com](mailto:info@moprairie.com) or call 636-390-8025.

## Announcements:

### May Meeting Presentation: Insect Threats to Missouri Forests

*Submitted by Nadia Navarrete-Tindall*

Location: Daniel Boone Library in Columbia

Monday 13 May, Time: 7:00 p.m.

Drinks and native plant appetizers will be served. Douglas G. LeDoux, State Survey Coordinator with the Missouri Department of Agriculture will discuss the threat of exotic and invasive insect pests and diseases that Missouri forests have faced and will continue to face. Several exotic pests have already become established in the state and threaten several native tree species. Others have been detected in other states and have the potential to become established here as well should they manage to get here. This talk will present information on what is here now, what could potentially get here, and what you as a citizen can do to help prevent that from happening.



### May Lunch at RagTag

**16 Thursday: Day with Native Plant Enthusiasts,**

Meet for lunch 11:30 at RagTag, 10 Hitt St [Just south of Broadway]. Lunches have been well attended this winter and spring with lively discussions. Hope to see you there.



### Our Network

Look for announcements by email of activities with Missouri Prairie Foundation [MPF], WildOnes [WO] Columbia Audubon Society [CAS] and training from Stream Team and MO Master Naturalists. Other pertinent information comes from Plant Conservation Alliance [PCA]. Direct membership in all of these is free or nominal and can bring you a wealth of information on natural environmental issues. You won't have this source forever.

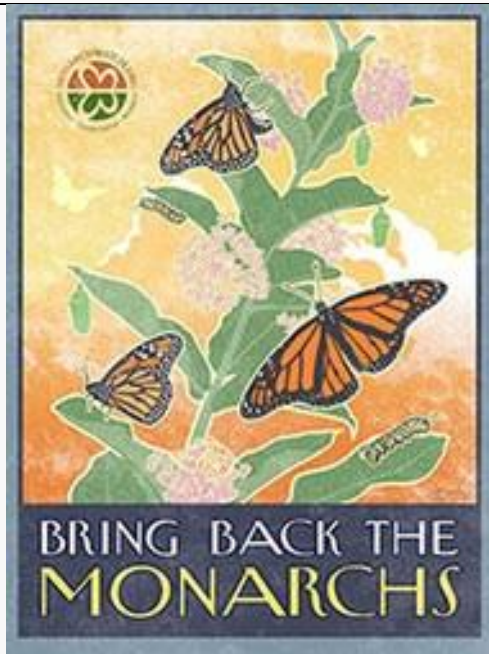


**Don't forget to keep a journal** of first leaves, first flowers, first seed and report it to Bud Burst. Check out, "google", the NRCS Plant Database for plant identification and habitat needs.



### Project Table is still available ONLY \$100

Large sturdy table with folding legs. So you can store it against a wall. Well made by a cabinet maker. 3' by 8' with 4" skirts; all varnished. The pocket change requested [only \$100; really worth about \$400] goes back into the chapter educational grant fund. Call Becky 657-2314 for viewing and pickup.



In February an extensive article was reprinted here about monarch butterflies and other insects and their relationships with milkweeds [*Asclepias* spp.]. The May Petal Pusher has a three-part article on Monarchs by Jeff Cantrell, a biologist with MDC. Ann Wakeman is heading up a monarch education

program with Lea Langdon through WildOnes and Columbia Outdoor Classrooms. Please support their work. Look up Monarch Watch on line and do something to help. [Yes. This is a reprint. For those who haven't had time to absorb the information before now. This is important.]

## What you can do to help Bring Back the Monarch:

*Submitted by Ann Wakeman*

Plant milkweeds for monarch caterpillars.

Plant a native butterfly garden or nectar waystations for adult monarchs.

Reduce or eliminate pesticides applied to flowering plants; this includes garden vegetables and fruits.

Spread the word - help Monarch conservation take flight.

### Missouri Milkweeds

for monarchs (In order of food preference):

Marsh milkweed

(*Asclepias incarnata*)

Common milkweed (*A. syriaca*)

Butterfly milkweed (*A. tuberosa*) >> *BE photo*

Whorled milkweed (*A. verticillata*)

Purple milkweed (*A. purpurascens*)



### Native Nectar plants for monarchs:

Coneflowers (*Echinacea* sp.); Milkweeds (*Asclepias* sp.)

Blazingstars (*Liatris* sp.); Asters; Phlox (*Phlox* sp.)

### Websites for more information

<http://www.wildones.org/land/monarch/>

<http://monarchwatch.org/waystations/waystation-brochure.pdf>

<http://www.fs.fed.us/wildflowers/pollinators/monarchbutterfly/faqs.shtml>



This one swamp milkweed raised about 70 monarchs in 2006. Haven't seen these numbers since then. *BE photos*



## More You Can Do . . .

Wild Ones Natural Landscapers has partnered with Monarch Watch so the Mid-Mo Chapter of Wild Ones is planning to set up booths for educating people about the Wild for Monarchs program. We want to get gardeners, schools and other ecology minded folks interested in planting milkweeds for the diminishing Monarch. Estimates from their wintering ground is down to 2.94 acres from a high of 22 acres. Illegal logging disrupting their overwintering grounds in Central Mexico, drought and heat as well agricultural practices (read: herbicide resistant crops and their wind-born pollen) in this country are contributing to their rapid decline in numbers. Recognized is the need to plant more milkweeds which monarch caterpillars eat exclusively.

**Ed note: Monarchs can use all the help they can get. Hawthorn Chapter will have some milkweeds for sale at our plant sales in April, June, and Fall – date to be determined. You can always contact one of the officers for contacts for purchase of milkweed plants. Your purchase of plants from our own nursery benefits our chapter educational grant fund. Your purchase and planting of milkweeds and other nectar plants benefits many pollinators and Monarchs.**

**Deer love milkweeds. With our over-population of deer and very little food for them, you will need to keep these recipes handy for deer repellent. They do not bother pollinators. You can spend 4X the money if you buy RTU [ready to use] at Orscheln. The following are pretty much the same ingredients.**

**Deer Repellent:** spray on vulnerable plants. Repeat every week or so, or after rain. If one doesn't work, try the other one.

**First recipe:** 2 eggs 1 cup water, 1 cup skim milk 2 Tablespoons liquid dish detergent. Emulsify the eggs in a blender. Stir in remaining ingredients. Reconstituting powdered milk works as well as fresh milk. Adding cayenne pepper to the mix may reduce rabbit damage. **Second recipe:** – can be doubled. 6 egg whites [buzz in blender, adding - ], 1/2teaspoon wintergreen oil, 1/2 teaspoon rosemary oil, 2 tablespoons guar gum powder. [Last 3 found at Clover's] Add water to half-full. This is a concentrate. Store in refrigerator. Put this in sprayer to about 1/4 full and add water; shake vigorously.

## Lincoln University Native Plants Program at US Forest Service Project Inspire

Submitted by Emily Young, Program Assistant, Native Plants Program/AmeriCorps Vista

Lincoln University Cooperative Extension Native Plants Program (NPP) and AmeriCorps Vista participated in the first annual Project Inspire organized by the US Forest Service in Rolla, Missouri on April 13. The goal of this event is to connect underserved women and children with the outdoors by offering a day of environmental education and activities focused on the appreciation of the natural world. The event was held at Lane Spring Recreation Area in Rolla. Nine women and eighteen children participated. Lane Spring is a pristine and permanent spring with vegetation that includes watercress, blue lobelias and cardinal flower. It is located a few minutes south of Rolla and it is worth visiting.

The Native Plants Program provided a display on native plant use for conservation, pollination, and value-added products. Amy Hempen and Angelica Wells with the NPP and Emily NPP/AmeriCorps volunteer provided dittany crackers and persimmon cookies for participants to taste and had golden glow greens and sassafras tea for demonstration. Recipe cards for these and other native plant dishes were available so that participants could incorporate native plants into dishes on their own. Participants were enthusiastic about the display, samples, and recipes. One woman attending said 'she had dittany growing near her house and appreciated the opportunity to learn how she could use it'. Another woman and her son said 'they had a persimmon tree in their yard and were excited about learning how to use persimmon fruit in cooking'. Others were interested in native plants in general.

In addition to providing the display and samples, NPP staff and Missouri Master Naturalist volunteers, led the youth participants in planting a native pollinators' woodland garden at the park. The NPP provided the plants including donations from MO Wildflowers and volunteers. Sue Bartelette drew the design for the garden (design and list of plants included in April newsletter). Children were able to plant and label at least one plant. All the plants are native to the region and beneficial to pollinators.



## YOUR chapter needs help with Booth



April Sale at Bradford Farm

VM-S photo

**The request is that we need a few more hands to help. We also need someone with a van or truck to move the tables and display boards. You can call the member who keeps the nursery Becky, 657-2314, to find out what needs to be done and when it needs to be done.**

**We are asking for only a few days in the spring and a couple of days in the fall for you to help with an effort to inspire people to get back in touch with nature and understand the value of our native vegetation.**



Paula & Becky help a customer at Earth Day in Columbia VM-S photo

**We attracted two new members and took in over \$1700 at the combined spring sales.**



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**Project Inspire youth participants, LUCE Native Plant Program staff and Missouri Master Naturalist volunteers plant the pollinators' garden at Lane Spring Recreation Area during Project Inspire.**

## News From Stateside

*Submitted by Ann Wakeman, Chapter Representative*

Spring MoNPS State field trip, April 12-14 at Big Sugar Creek State Park & Huckleberry Ridge CA with business meeting in Jane, Missouri. [Joplin area]

Turnout for the weekend was small for the season. Friday night we gathered to preview where the group would be hiking on Saturday. Allison Vaughn whetted our appetite for seeing an excellent example of Elk River Hills region that straddles Missouri, Oklahoma and Arkansas borders. Then we were briefed on the Ozark Chinquapin decline and hoped to see some re-sprouts. This tree, close relative to the American Chestnut, has same disease to the chestnut. A blight causes the tree top to die back, the roots re-sprout for a time before dying back again. The Ozark Chinquapin Foundation has been working on reestablishing the Ozark Chinquapin, information can be found: [www.ozarkchinquapin.com](http://www.ozarkchinquapin.com)

Saturday morning, we headed out to Big Sugar Creek SP and Natural Area, vegetation only starting to break dormancy so mostly identified plants by rosettes. Prescribed burns have been reintroduced here starting in 1994. Limestone glades, dry chert forest and savanna, dry mesic forest on lots of chert. The usual spring ephemera's were blooming along drainages. **New species for the Park list included an undetermined vetch, a new lip fern on limestone bluffs.** Two other endemics to the Park are Prairie prickly pear and Ozark corn salad (not seen).

**The board meeting** Saturday evening was called to order by Paul McKenzie. With late arrivals, quorum was made.

- The secretary position was filled, but not present so Bruce Schuette agreed to record this meeting's minutes.
- The Hudson Scholarship fund has recent donations.
- The MoNPS website: domain name has been registered again for one year. The abbreviated domain name (monps.org) is currently owned by another group in France. Discussion over whether the BoD would like to attempt to purchase it from that group led to tabling for now. The Website is being continually updated. Brian handed out tables of statistics analyzing how often, when, what pages are seen, what sources, browsers, new visitors come to the website.
- Petal Pusher: The new editor was commended for the fresh look by several members.
- Hudson Award: George Y announced the scholarship award for this year. It was not as plant related as preferred, but since it was the only applicant, it was awarded.
- Awards Committee: Applications for three awards were received and recommended for award. One recipient was debated and the award recommendation was amended. Read more details about State Awards in the next Petal Pusher.
- New Chapters: New chapters may be formed in St. Joe and Joplin. A representative from the Joplin area inquired about details.

- **The summer meeting will be June 14 – 16 Sleeping in Salem; field trips will be to fens in the Ellington area. See May Petal Pusher for total schedule and lodging information. All members and guests are welcome. Seriously.**



Just cherish and revel in this image donated to us from Matt Waller. You, too, can find these glorious experiences in real life out in the woods, back off the trail, in a natural area. **JUST GO!!**

See calendar for opportunities.



Spring beauty[above] and Service berry [below] captured on the planned mosey last week to Rudolph Bennett CA. No one came to learn plants, clear their lungs and spirit in the glorious day. BE photos



**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 Bradford Plant Sale. 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

**MEMBERSHIP FORM Missouri Native Plant Society-Hawthorn Chapter**

**July 1 through June 30.**

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone: Evening \_\_\_\_\_

Day or Cell \_\_\_\_\_

Email: \_\_\_\_\_

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