



# Missouri Native Plant Society Hawthorn Chapter Newsletter

Volume 26, Number 7  
Hawthorn Chapter Officers:

**President**

Vanessa Melton  
573-864-3905  
[vanndawn@gmail.com](mailto:vanndawn@gmail.com)

**Vice President**

Nancy Langworthy  
[nancylangworthy@hotmail.com](mailto:nancylangworthy@hotmail.com)  
573-874-2463

**Secretary**

Ann Wakeman  
5798 Windy Meadows Lane  
Fulton, MO 65251  
573-642-6927  
[mike-ann@socket.net](mailto:mike-ann@socket.net)

**Treasurer**

John George  
573-234-1784  
[John.George@mdc.mo.gov](mailto:John.George@mdc.mo.gov)

**Membership**

Paula Peters  
2216 Grace Ellen Dr  
Columbia, MO 65202  
573-474-4225  
[pieridae1@gmail.com](mailto:pieridae1@gmail.com)

**Chapter Representative**

John [Rusty] White  
573-886-8698  
[rstywhit@yahoo.com](mailto:rstywhit@yahoo.com)

**Web Master**

Doug Miller  
[thedesign@bigthe.com](mailto:thedesign@bigthe.com)

**Web site:**

<http://columbianativeplants.missouri.org/>  
Webmaster: Doug Miller

The Hawthorn Chapter of the Missouri Native Plant Society Newsletter is published monthly. Send submissions to:

**Communications Editor**

Becky Erickson  
573-657-2314  
[beckverick@socket.net](mailto:beckverick@socket.net)

July 2011

## 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.

**11 July Regular Membership Meeting:** 7:00pm at the Unitarian Church, 2615 Sheppard Blvd. A report will be given by the Grant recipients. Discussion on future activities. **DUES ARE DUE IN JULY**

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

**23 July Saturday 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 Restaurant in Fredrick Hotel in Boonville.

**August?: Members' Garden Tour** come to July meeting for discussion, look for date by email and August newsletter.

**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.

**18 September Saturday Sustainable Living Fair:** Booth time and location TBA.

**24 September Saturday: In Touch With Nature Booth** at LU Busby Farm 10am to 2 pm. Be there at 9am for set-up. Bring potted plants ready for sale.

**1 October Saturday HaHaTonka State Park.** Meet for carpools at 8am. This will be an all day outing; do not count on being home "early". Bring a snack and water. We will eat at a winery on the way home mid afternoon.

**15 October Saturday Fall Color walk. Send us your idea for a destination.** Watch for details.

**[15 October Chestnut Festival is cancelled due to lack of funding]**

**Call Paula for more information 474-4225**

**Thanks to Ann Wakeman, Vanessa Melton-Silvey, John White, and Wanda Parscal 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 8<sup>th</sup> grade education can write, just go for it! Editor

**July is the month to renew.**

**Please send your checks to Paula so she can record your membership.**

## News from Stateside: Johnson's Shut-ins June 10 – 12, 2011

Submitted by John R. White Chapter Representative

The MONPS State Board Meetings and field trips were held at Johnson's Shut-ins State Park, Reynolds County, near Pilot Knob. The park consists of 8,550 acres on the East Fork Black River and is jointly administered with adjoining Tom Sauk Mountain State Park. Together the two parks cover 16,050 acres in the rugged St. Francois Mountains region of the Missouri Ozarks. The park has 17 different natural terrestrial communities and supports more than 850 plant species, 40 percent of the plant species of Missouri.

### Friday, June 9 Program

MONPS members met at the Johnson's Shut-ins new Black River Center for a presentation by Ken McCarty, DNR, highlighting the damage and restoration of the park after the December 2005 disaster. Failure of the Taum Sauk reservoir, atop neighboring Profit Mountain, resulted in over 1 billion gallons of water rushing through the campground, shut-ins, and down the East Fork of the Black River, approximately 1.8 miles, in just 12 minutes. It brought debris from the dam, huge boulders over 6 ft. through, sand, sediment, rebar and concrete. The campground, most trees and buildings were gone. The only people in the park at the time were the superintendent and his family and all survived. The East Fork flood plane and a fen were buried under 4 in. to 6 ft. of sand and debris. The shut-ins were not damaged, and helped slow the water, due to the resistant igneous rock. Sand had to be removed from the fen by spring or all plants would die. The meandering stream had to be re-developed. Campgrounds were moved and a new Visitors Center was built. The park was partly opened for limited day use in 2006 but was not officially opened until 2010. One fen is still being nursed.

### Board Meeting, Saturday June 11

- A quorum was not present as only nine board members were in attendance.
- Bill Summers received the Julian A. Steyermark award and also the first sketch of the T-shirt Orchids design drawn by Paul Nelson.
- The Fall Meeting will be Sept. 9, 10, and 11 at the MDC Sedalia office at the fairgrounds. Details in the next Petal Pusher.
- The current tax exemption for the Society expires in July. Copies are available from Bill Knight or George Y. A three year renewal is available.
- There are 5 new members in the Society for a total of 321.
- Membership renewals are due in July.
- A color design for the new T-shirts was not available in time for the meeting. The shirt front will show an orchid display and the back will have an enlargement of one flower of each species and the name. The shirts will be Tan and will be available at the next meeting. Cost is unknown at this time.
- Sue Hollis is re-printing the Jack-in-the-Pulpit design T-shirts and they will be a nicer print than the old ones.
- One or two people are still needed to staff the booth at the Botany 2011 Conference. Anyone interested should get in touch with George or Sue Hollis.
- New brochures with the Springfield chapter listed are available.

### FIELD TRIPS

**Horseshoe glade trail** passes through oak, hickory and shortleaf pine of the East Fork Wild Area. The Woodlands give way to a rocky clearing viewing the St. Francois Mountains and the trail passes a smaller glade overlooking the East Fork of the Black River. A few of the plants seen in this area include *Triodanis perfoliata* (Venus Looking Glass), *Silphium perfoliatum* (Cup Plant), *Onoclea sensibilis* (Sensitive Fern), *Pteridium aquilinum* (Bracken Fern), *Acer rubrum* (Red Maple), *Desmodium cuspidatum* var. *cuspidatum* (Tick Trefoil), *Galium concinnum* (Shining Bedstraw), *Galium arkansanum* (Arkansas Bedstraw), *Stylosanthes biflora* (Pencil Flower) and *Phlox pilosa* (Prairie or Downey Phlox).

**Fen Natural Area** is a 9-acre combination of seep forest and fens in the flood plains of the East Fork Black River. This wetland community is sustained by calcareous ground water seepage with ponding provided by seasonal rain water. Seep forests are rare in Missouri and this unique location is dominated by trees such as Red Maple, Green Ash, Honey Locust and Slippery Elm. Among the plants found in the Fen area on this trip were *Salix sericea* f. *sericea* (Silky Willow), *Scirpus atrovirens* (Common Bullrush), *Cornus amomum* ssp. *obliqua* (Swamp or Pale Dogwood) and *Carex gravida*.

## Upcoming Field Trips

Please offer your garden so the members can see it in August. Contact Ann Wakeman [Secretary] so she can coordinate you into the tour. Your garden DOES NOT have to look like Better Homes and Gardens. Members who attend might be able to give you some assistance or advice.

Some of the dates and activities in September and October have changed. If you don't get email messages, please consider getting on our news line so you will know what is happening without waiting for the newsletter.

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 when the day has been cancelled. If we KNOW you are coming we can keep you informed of last minute changes.

**DUES DUE IN JULY – SEND TO PAULA**

---

## You ought to see my Honeysuckle!!

*Submitted by Wanda Parscal*

I was going to trim it back this year but just did not get to it. Now it is heavy laden with blooms and full of nature activity. A cardinal has made a nest in it and another smaller bird that looks like an oriole has built a next on the other side of it, humming birds unlimited, goldfinches and numerous small insects and bees and reallllly big bumble bees. It is a treasure trove just to watch all. Now the trellis is about to collapse and I am looking for ways to prop it up since I do not want to disturb all the activity in it. My goodness I LOVE my natives!



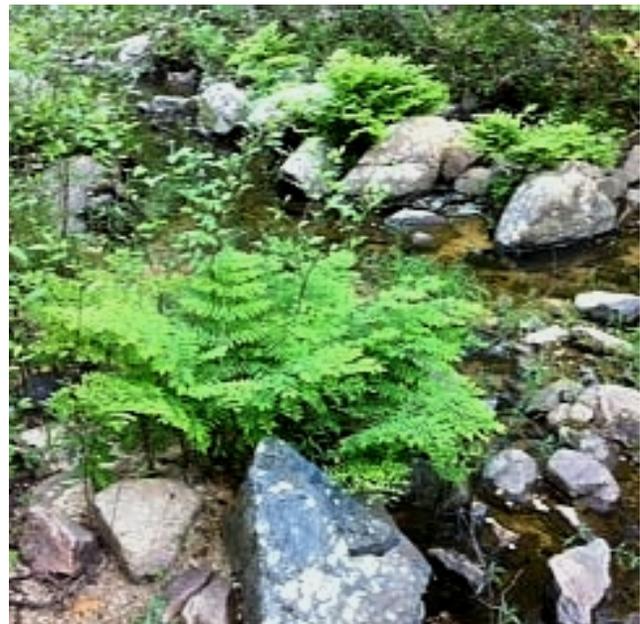
Native red honeysuckle [*Lonicera sempervirens*] BE photo

## 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.

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.

## More Photos from June Activities



Royal ferns in Pickle Creek

AW photo

Large Red-ear Slider laying eggs in a glade at Mule shoe CA.

AW photo



**DUES ARE DUE IN JULY**

## It's Summer Time

*Submitted by Vanessa Melton, President*

June has been a busy month for our chapter. We had the camping trip at Hawn State Park at the beginning of the month which was an excellent time even if it was a little hot. Every morning we were awakened soon after dawn by vireos, towhees, robins, wrens. Breakfast was camp eggs [scrambles with several veggies] and coffee. We saw amazing views of Hickory Canyons and Pickle Creek which runs through the Park. There were lots of wildflowers blooming along Pickle Creek Trail and Whispering Pine Trail, and most notable were pencil flower, new jersey tea, Indian physic, climbing milkweed, wild hydrangea, skullcap, and farkleberry [high bush blueberry]. Saturday night's dinner was tinfoil stew or brats, cheese cake with berries.

The water in Pickle Creek was cool and temperatures were hot, so we had fun playing in the water. While playing in the creek we were treated to seeing a midland water snake (a subspecies of northern water snake) going through the falls of Pickle Creek.

And at Hickory Canyons Natural Area we saw partridge berry in bloom. This plant is very rare in MO. And there were many rare ferns. It was a great trip overall and we are already planning our next camping trip which will be next May when we can catch yellow lady slippers and azaleas in bloom. You won't want to miss it!

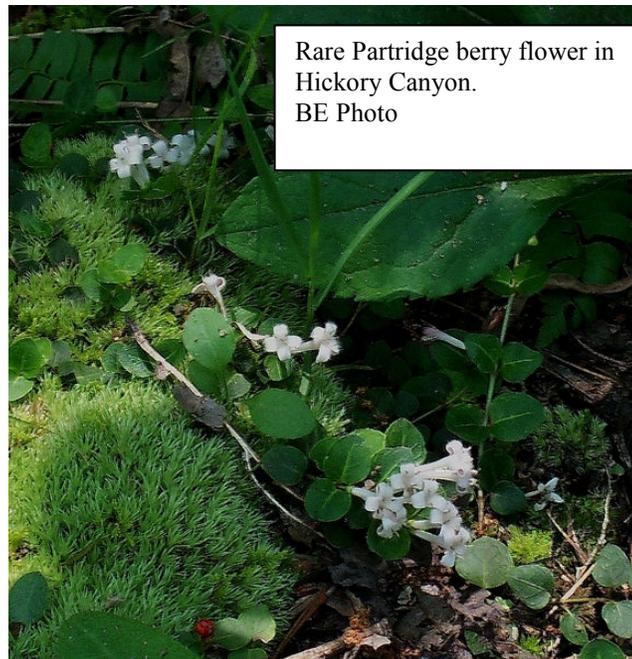
Also this month we had another plant sale at Bradford Farms at the Native Plant and Quail Field Day. We sold quite a few plants and books and made over \$400 – not a bad time for a cool summer day.

The end of the month provided a field trip to Mule Shoe Conservation Area south of Camdenton. Who doesn't love hiking in 100% humidity in the summer? Despite the short thunderstorm at the beginning of the hike we had a great time exploring the area. John showed us several glades and fens and saw scurfy pea, purple and white prairie clover, prairie phlox, Indian plantain, purple and yellow loosestrife, bunchflower, prairie blazing star and queen of the prairie which were not blooming yet. We also saw a red-eared slider laying eggs on a glade, several scorpions, a copperhead, a narrow-mouthed toad and a long-horn cow! It was a great day!

Our next outing will be to Mark Belwood's prairie by the 65/I-70 junction south of Marshall on July 23<sup>rd</sup>. If you remember, he was our March speaker who talked about prairie restoration and we are going to see his work in action, so add it to your calendar and we will see you there!



Crew at Bradford put up a big tent for our booth at Quail Day. It was a real luxury. VM-S photo



Beautiful cliffs at Hickory Canyon BE photo

This came up very fast in June. Some core active members quickly gathered our resources and got this proposal in to the County Commission. Come to the July meeting for an update and discussion.

### **From Boone County Commission Document:**

The purpose of the Container Garden Program is to repurpose the five cells of the river fountain along the southeast of the Boone County Courthouse courtyard (bordering Boone Tavern's patio) into 5 container gardens containing plantings which reflect the diversity of interests of Boone County residents and natural beauty of various types of different gardens.

Interested groups or individuals can apply for participation in the program. The requirements for participation include:

- Providing a completed volunteer application on the forms provided by the County and any required supplemental information.
- Approved applicants must enter into a Container Garden Program Agreement with the County.
- Minimum period of commitment of one (1) growing season, with up to three (3) growing seasons of commitment potentially available as determined by the County Commission.
- Installation of plantings consistent with the approved planting plan in a timely fashion.
- Maintenance of the plantings throughout the growing season, including watering, weeding, pruning, fertilizing, or other appropriate care.
- After the growing season, remove, prune or otherwise dispose or care for the plants, as appropriate, and stage the container garden for the next growing season's anticipated use.

To support the program, the County will:

- Prepare the cells for the repurposing into container gardens by removing existing grates and providing soil.
- Give public notice of the program and make applications available to interested groups or individuals.
- Designate the cells awarded to successful applicants for up to a maximum of three (3) growing seasons.
- Provide water on-site near the cells in the form of an available spigot.
- Cooperate with the applicants on any special soil or other requirements, although any reimbursements for expenditures related to such special requirements require advanced approval, in writing, from the Boone County Commission, or the same shall be considered part of the applicant's donated resources.

Provide signage recognizing the group for each container garden.

## **Proposal for Container Garden at Boone County Courthouse Square**

The Missouri Native Plant Society was established in 1979. The Hawthorn Chapter of Missouri Native Plant Society was organized on 1985. The Chapter mission Statement is: The purpose of the Hawthorn Chapter of the Missouri Native Plant Society is to promote the enjoyment, preservation, conservation,

restoration, and study of flora native to Missouri, public education of the value of the native flora and its habitat, and publication of related information.

This year we have 62 members living Boone and three contiguous counties. Of the present membership about 20% have advanced degrees in biological sciences and most have other horticultural and environmental interests. Seven members have indicated interest in being active in this planter project.

The Chapter would like to install a wet raingarden. We need about 18" of soil with very poor nutrient content; sub-soil clay would be perfect. Full sun is best. There should be no drainage in our container; it needs to be allowed to have a layer of water on the surface. A note of history: pickerel, arrowhead, and copper iris all came from stock found in the wild in Missouri by Jim Whitley who provided plants to Columbia P&R for Stephen's Lake, Flatbranch Park, and to Jefferson Institute Lake. All of the other plants suggested here came from seeds of plants found in the wild in Missouri.

The species we suggest for this planting are:  
Iris fulva [copper iris], 30", dark yellow-orange, May  
Lobelia cardinalis [cardinal flower], 40", brilliant red spikes, August-September  
Eleocharis obtusa [blunt spike rush], 12", green spikes for texture  
Alisma triviale [water plantain] 24", oval leaves, feathery pannicle of small white flowers, July-October  
Pontederia cordata [pickerel weed], 30", sky blue flowers heart-shaped leaves, June-October  
Sagittaria latifolia [arrowhead], 30", white flowers, arrowhead-shaped leaves, June-October  
Eupatorium coelestinium [mist flower], 12" sky blue, August-October.

If the raingarden is not feasible, we can combine upland plants for a dry garden. For that we need any kind of topsoil, full sun and drainage.

Suggested species for a dry garden would be:  
Liatris squarrosa [scaly blazing star], 18" bright pink, July  
Baptisia bracteata [cream indigo], 18", white, May  
Zizia aurea [golden Alexander], 24", yellow, May  
Verbena helianthoides [wingstem sunflower], 40", lemon yellow, June-July  
Ruellia humilis [hairy petunia], 12" – 18", lavender, June-September  
Asclepias tuberosa [orange milkweed], 18", bright orange, June-July  
Rudbeckia missouriensis, [MO black-eyed Susan], 20", yellow w/ black centers, September  
Opuntia humifusa [MO prickly pear cactus], 12", yellow w/ orange centers, June  
Oenothera macrocarpa [MO evening primrose], 8", yellow, May  
Talinum calycinum [rock pink], 4", bright rose-red, May-September  
Aster paludosus [prairie aster], 12" blue w/yellow center, August-September  
Allium stellatum [fall glade onion], 16", rose-pink/white, September  
Callirhoe involucrata [poppy mallow] 12" spreads horizontally, brilliant claret cups, June-October  
Glandularia canadensis [rose verbena] 8" spreads horizontally, bright pink, fragrant, May-October

**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

**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.**

Hawthorn Chapter Missouri Native Plant Society  
Newsletter editor, Becky Erickson  
PO Box 496  
Ashland MO 65010-0496



