



Newsletter

Volume 39, Number 4

Hawthorn Chapter Officers:

President

Elena Vega

573-999-6123

elenavega@aol.com

Vice President

Nadia Navarrete-Tindall

nativeplantsandmore@gmail.com

Secretary

Emily Beckett

314-346-1537

emily@emilybeckett.com

Treasurer and Membership

Jayne Young

803 Park deVillie Place

Columbia MO 65203

youngjayne70@gmail.com

Chapter Representative

Cindy Squire

cysquire@me.com

The Hawthorn Chapter of the Missouri Native Plant Society Newsletter is published monthly. We would like to read about announcements, impressions, species accounts, photos, poems, links to scientific articles or other creative nature writing from you, too. Send submissions before the 26th of every month to:

Communications Editor

Becky Erickson

573-657-2314

beckyerick711@gmail.com

PO BOX 496

Ashland, MO 65010

This is the 38th year Hawthorn has supplied a newsletter to chapter members.

All newsletters since 2008 are archived on our website.

Web Master

Doug Miller

the.douglas.miller@gmail.com

Web site:

<http://columbianativeplants.org>

April 2024

A Welcome Note from the President -Elena Vega

We are looking forward to our first plant sale of 2024 on Saturday April 13 at Bradford Farm. The sale is from 10 to 1pm but we need volunteers to arrive at Bradford Farm at 9 am to help set up. We will also need volunteers to help clear our table at the end.

In March we enjoyed walking along Hinkson Creek at Capen Park identifying trees and other native plants by looking at their buds and bark. We had great attendance for the second mosey of 2024 to Wild Haven to see the Moss Walk set up by Louise Flenner.

Please join us on our future moseys to discover the beauty of mid-Missouri.



Future Activities Calendar

Our traditional meeting time is second Mondays at 6:30.

And social lunches are third Thursdays 11:30.

[Any underlined/blue words, titles, phrases are links to more info on line.]

8 APRIL TOTAL SOLAR ECLIPSE over SE MO

I am providing the [NASA link](#) so you can learn. The last eclipse was 2017. The next eclipse visible in this part of Earth is 2044. Please spread the news.

National Park Service offers information on the [solar eclipse 8 April](#). We get a 90% eclipse here = definitely need eclipse eye covering; remember the cardboard glasses you got in 2017? [I still have mine.] A pinhole box will be adequate. Do Not LOOK At The Sun!! The next one is in 2044.

[NatGeo has posted an article](#): Psychologists say witnessing an eclipse can change how you see the world. It includes links to a map of the eclipse, how to take photos, and how awe affects you.

Outline for APRIL (No Hawthorn business meeting on Monday, April 8)

- Sat 13 Bradford Farm plant sale 10 to 1
- Thurs 18, 11:30 Hawthorn Lunch at First Watch
- Sun 21 Earth Day booth and plant sale 10 to 6
- Mon 22, 5 pm Mosey at Three Creeks glade south of Pierpont.

Forwarded from the MPF/GN newsletter:

Wednesday, April 10 at 4:00 p.m. Grow Native! Master Class: Landscaping with Native

Vines with Dr. Scott Woodbury, MOBot. This 50-minute presentation will be followed by a question/answer session. A private link to a recording of the master class will be emailed to registrants. Free for MPF members and Grow Native! professional members. \$15 for non-members. Register [here](#). MONPS members are GN members so this is actually free for us. Please if you value this information, donate what you can when asked during registration.

13 April Sat, 10am – 1pm MPF/GN native plant sale at the [MU Bradford Research Center](#), 4968 S. Rangeline Rd, Columbia. Hawthorn will have our complete booth set up. Please attend to buy plants and in part to help with the booth. We need extra people after 9:15am to set up and after 1pm to break down. Stay to work the booth and earn free plants.

April 15: Registration for the Callery/Bradford Pear Buyback event closes. (**Note:** registration for the St. Louis and Farmington locations is closed). Learn more about the event and register [here](#).

Membership Renewals

The MONPS state webmaster, Jerry Barnabee, has built a system to remind you thru a personal email that the time has come to renew your membership dues. Please-Please pay attention to this notice which will come to you near the anniversary of the date you joined. So if you joined, as an example in October or May, that is the time you will get your reminder. Jerry provides a link to PayPal. I believe there is an option to pay for 1 to 5 years and at whatever donation level you deem appropriate. In truth: we welcome your renewal any time you remember.

MPF Webinars

One of the best MPF webinars was 22 Nov. It was a fabulous discussion on **management of woodlands and glades including use of fire**. If you would like to revisit any parts of this webinar, or were unable to attend live, the entire recording is available on our YouTube channel, [view here](#). Our free webinars are posted publicly on [our YouTube channel here](#).

[MPF Native Grassland & Woodland Management Training recording on UTube](#)

Paula found a new Wildflower ID site!

People who need color photos will like this one. [I prefer line drawings because they show better details of field characters.] Hope this helps you learn different species and their preferred habitats. With So Many species to cover – it will forever be a work in progress. It seems a good chart on asters and goldenrods is almost complete.

Use this to compliment MissouriPlants.com below

ANNOUNCEMENTS

We are so grateful to Carol-Leigh for taking on Louise's librarian job. Because Carol-Leigh is also very active with Weavers Guild and River Relief, she would like some volunteers to help transport books, t-shirts, and brochures to some of the sales.

Call her for details: 573-874-2233.

Thanks to Jayne Young for accepting the position of chapter treasurer.

Please contact her to help her with the money bags because she is also super busy and may not be able to make it to all the sales.

Thank you to Emily and Elena for organizing the mosey calendar, Cindy for the invitation to state field trips, Debbie, Lea, and Paula for submissions for this newsletter.

Photo of Lea teaching courtesy of Cheryl-Ann

There would not be so much good information and history if it were not for our members. We would love to post thoughts and ideas from members, so please send in your thoughts and photos.

2024 MONPS State Field Trip Dates -State Rep Cindy

Here is your chance to get in on your MONPS benefit. Our primary mission is education and this is your chance to learn from the best. The field trip dates have been released. Get your calendars out and start the planning

Help your native garden. This is an opportunity to see native plants where they grow naturally. When I place plants, I wonder about their care. You can do the research, and follow all the guidelines and still not be successful. Seeing natives in their natural environment can clue you into what they require to grow successfully for you.

Don't want to go alone? Bring a friend, spouse, or family. Invite them on your eco-tourism journey! These hikes are open to the public and you don't have to be a member to attend. Or, you can **contact Cindy** and we can go together. I love having company. This is a good way to involve those folks who haven't quite gotten the bug for native plants. (Maybe convert them in the process.) You don't have to know a lot about these plants, just have a passion to learn. There are many knowledgeable attendees who love to help beginners! The pace is slower as to view plants, so this is not an invitation for a marathon through nature. We stop and really look to appreciate our surroundings including birds, insects, and geology.

Typical itinerary. The first hike is usually Friday at 1pm, after which we check into our accommodations. Most of the time we descend on an unsuspecting business for dinner and then there is very interesting lecture in the evening. Usually we select a hotel with breakfast so we can get an early start for our morning hikes. We tend to caravan and carpool on Saturday to keep us together and save fuel. Lunch is at a picnic site so bring a lunch for Saturday. We have an afternoon hike and it is back to the hotel. We group descend on another eatery for dinner. The MONPS business meeting is Saturday night, you are welcome to attend or you can rest or gather with other attendees at the motel. Refreshed, we have a Sunday morning hike and we say our good byes till the next field trip.

April 26-28: Our Spring trip will take us south to the Ozark Highlands; we'll lodge at Ava or Gainesville. Potential sites to visit include Bryant Creek State Park, Ava Glades Natural Area, and Caney Mountain Conservation Area.

June 21-23: For Summer, we'll be headquartered in the southeast part of the state. Among the unique sites we may visit are Sand Prairie Conservation Area, Big Cane Conservation Area, Mingo Swamp, and Sand Pond Conservation Area.

September 20-22: On our Fall trip we'll head north to Kirksville. Some of the sites we may botanize in that part of the state are Spring Creek Ranch Natural Area, Morris Prairie Conservation Area, Dark Hollow Natural Area, and Rocky Hollow Natural Area.

Excerpt from the June PP

The organization of MissouriPlants.com

is designed to accommodate users ranging from neophytes to experts. For the latter, there is a full listing of species links according to scientific name, and also a listing organized by family. For the beginner, there are pages organized by flower color and leaf arrangement, similar to the organizational concept of most wildflower books. These links will quickly transport the user to the relevant species page. All species pages maintain a navigational pane at the left to facilitate movement within the site. It is truly So Simple!

Very Bad Critter:



Oriental Mantis

As leaves fall off sticks, look for blobs of tan foam about the size of a golf ball. These are oriental mantis egg cases.

Adults are bigger than hummers; they eat ALL insects and small birds.

PLEASE! Gather these for destruction: put all into a jar for at least a year so when they hatch they will die. Or pour something volatile on them and burn them. Do not ever throw them whole into a landfill.

Bumble Bee Atlas: A Nationwide Buzz

The Bumble Bee Atlas project creates nationwide buzz in quest to protect and promote habitat for native pollinators. Hawthorn

CHAPTER ACTIVITIES

Hawthorn has organized an inspiring, and ambitious mosey schedule for this spring and summer. Here are Becky's safety tips and suggestions about what to bring when walking off asphalt: Primarily a sense of adventure and a desire to learn, sturdy shoes, long pants, a sun hat, water, camera, notebook. And don't plan anything else for the same day.

We all must understand that we need to be flexible due to sudden changes of weather for better or worse. If you are serious about attending, it would be the best idea to connect with one of the officers so you can get a weather update or cancellation/postponement announcement. Sometimes during HOT weather, temps cool enough we can schedule an outing a few days in advance, but never a month ahead.

Hawthorn Calendar

MAY (No Hawthorn business meeting on Monday, May 13)

- Weekday Date TBD in early May Hawthorn Mosey -Native Orchids at Cedar Creek District MTNF Boone and Callaway Cos. Devil's Backbone Trail. One mile trail starts at Paris Fork with limited parking by the church [See: MTNF Cedar Creek maps]
- Sat 4 (rain date Sun May 5) Rocky glade at Three Creeks -south of the Turkey Creek Interpretive Nature Trail parking lot (Deer Park Rd)
- Sat 11 (rain date Sun May 12): Shooting Star & Daffodil walk at Hundred Acre Wood
- Thurs 16, 11:30 Hawthorn lunch at First Watch
- Sat 18 Bass Pro plant sale 10 to 2
- Hawthorn week day mosey in May at Ann Wakeman's date TBD (5/20 – 5/24)

JUNE (No Hawthorn meeting on Monday, June 10)

- Sat 1 Ha-Ha Tonka (off highway 54 just south of Camdenton)
- Thurs 20 Hawthorn lunch at Uprise Bakery
- Sat 22 (rain date Sun June 23) Mosey at Fishhook Road in Danville CA (south of Graham Cave SP) to glades and creek bottom. Alternatively: Graham Cave SP, 250 A. E on I 70 48 mi to Danville exit off 170, then north, follow signs for about 2 miles into park. A couple of miles of hiking trails; recommend off-trail exploration into the NE quarter to see a mesic glade/open woodland & a 9000-year-old archaeological shelter.

JULY

- Thurs 11, 6pm Hawthorn In-Person Meeting at Runge Nature Center – 1 mile trail (5 trails to explore & meet indoors)
- Thus 18, 11:30 Hawthorn lunch at Uprise Bakery
- July week day (Date TBD) Mosey of prairies south of Sedalia.

AUGUST (No Hawthorn meeting on Monday, August 12)

- Hawthorn Mosey pending weather
- Thurs 15, 11:30 Hawthorn lunch at First Watch

SEPTEMBER

- Hawthorn Mosey 1st week of Sept Rudolf Bennet Conservation Area – ramp seed harvest
- Sat 7 Bass Pro plant sale 10 to 2
- Monday 9 Hawthorn In-person meeting- UU Church parking lot- Becky Plant ID class
- Late Sept. Spring Creek Gap – glades (south on 63 between Vienna & Rolla)

OCTOBER

- Sat 5 or Sun 6, prairie walk, Sedalia area prairies.
- Mon 14, Hawthorn Meeting & Harvest Fest (@ Elena's)
- Fiber arts class with Carol Leigh date TBD

NOVEMBER (No Hawthorn business meeting on Mon Nov. 11)

- Hawthorn Mosey contingent on weather
- Thurs 21 11:30 Hawthorn Lunch at First Watch

DECEMBER

- Wreath making workshop hosted by Nadia at the LU greenhouse - usually the first week of December
- Mon 9 Hawthorn Zoom meeting: *Native Plants through the Seasons* by Nadia & Officer Elections for President and Secretary
- Thurs 19 11:30 Hawthorn Lunch at First Watch

has two members who have collected data for this effort.

Citizen scientists are being begged to collect and report data not only for bees but for plants [BudBurst], birds [Cornell Ornithology Lab], many insects [Xerces Society]

Paula wants to share this good [information on identification of ticks](#), which ticks carry which diseases, and how to tell how long a tick has been attached by the size of the tick. All important information for the doctor to know if you are sick.

[Birds. \[what? Birds? I thought we learned about Plants\]](#)

Found as a side-link within an article from Wildlife Conservation Society sent 14 March 24.

Why do we occasionally post side articles about birds? Because birds eat caterpillars and other insects who prey on plants. Because birds distribute seeds; we wouldn't have oak forests without bluejays and woodpeckers, and we wouldn't have many prairie wildflowers without several messy-eating finches and sparrows. Because birds have been the colorful gems of all of our habitats which have fascinated most of us until NOW when data shows most genera have lost at least 40% reduced populations since 1980. Some of us need a considerable foundation of WHY before we will make efforts to reduce problems or make efforts to save important elements. This is a wonderful article with enlightening maps written for the New York Times on migratory birds which features Missouri, Colorado, and California.

LEARNING AND SHARING THROUGH VOLUNTEERING

Offered by Lea



Volunteering to help at one of the many native plantings around the Columbia area in parks, trails, and in local schoolyards can be a service to the community, but it can also be a great way to learn more about native plants, as well as about invasive species which are becoming a significant threat to our ecosystems. From pollinator gardens and rain gardens to prairie, woodland, and trail-side areas, there are many different types of local plantings, and they all require some maintenance in order to thrive and remain useful for wildlife and as places of learning.

Lea helps coordinate volunteer opportunities in these areas, by collecting and sending out a bi-weekly (or so) email listing of upcoming coordinated gardening efforts. Lea organizes many of them; some are posted by others. At schools, we sometimes work with students, doing "Service-Learning". Other times we work without students. We help maintain habitats and gardens so that students can come in to plant, or explore the wildlife that is there.

Many Native Plant Society members attend these work parties. By working alongside other native plant enthusiasts, you can learn by doing, and you can ask questions or share what you know with others. What's that plant? What conditions does it thrive in? When should it be planted? What's the problem with invasive species and what can we do about them? Etc.

If you have questions, or would like to join in these activities contact Lea to get on her email list. Leaslist@gmail.com or text or call 573-864-7647.

Elaiosomes: Snack Packs on the Move

Lifted from the MPF/GN newsletter 26 Mar 24

Many spring ephemeral wildflowers have an ingenious way of spreading their seeds. Plants including trout lily, violets, ginger, celandine poppy, bloodroot, Dutchman's breeches, and sedges in the genus *Carex* all have seeds with an attached elaiosome—a fleshy structure rich in lipids and proteins that attract ants, which carry off the seeds to eat the elaiosome, and in the process, act as seed dispersal agents.

According to MPF Technical Advisor Dr. James Trager, an entomologist specializing in ants, the ant genera *Aphaenogaster* and *Formica* are largely responsible for carrying off seeds with elaiosomes to nests, where members of ant colonies feed on the elaiosomes.

"Elaiosomes occur on seeds of thousands of plant species worldwide," said Trager. He continues: "There are numerous ant nests in every square meter of upland habitats around these parts, ranging from forests to prairies, though fewer in the driest and wettest. Due to the proximity of appropriate ants' nests and the attractive scent of the elaiosomes, the plants usually don't have much difficulty getting their seeds dispersed, and they don't usually travel very far. However, I have also seen a yellowjacket buzz in and carry off a seed, and these larger winged critters likely carry any seeds they gather farther."

As Trager has pointed out, "seeds don't benefit from dispersal too far away from the parent plants, since conditions could be unsuitable at a greater distance away. But what dispersal does is get the seeds out of possible root zone competition with their parents." In addition, dispersal can deposit seeds at the edge of an existing population of the same species, facilitating cross-



pollination with more distant populations, reducing inbreeding.

Learn more about elaiosome by watching a short video produced by James Faupel, while serving as supervisor of ecological restoration at Litzsinger Road Ecology Center, a Grow Native! professional member. Click on the photo above for the video link.

Letting a Backyard Go Wild

A suburbanite invites wildlife into his yard, but the birds have other plans.

By James Barilla. Originally published in NatGeo; 23 April 2013. Re-offered 10 March 2024.

Excerpt:

After an unusually long and blustery winter, nesting season has begun in our South Carolina backyard. The sunlight suddenly has a kind of heft to it, a promise that every living creature seems to recognize. It's been five years since we moved here from Chicago and I began the process of transforming our backyard into [wildlife habitat](#).

Will this be the year the wrens finally select one of the nesting boxes I built from scratch [plans from MDC] and sited thoughtfully in various corners of our backyard?

Probably not.

Little by little, I've shoveled away our patchy lawn and planted flowers that catch the eye and provide nectar for bees and butterflies, such as milkweed, butterfly bush, purple coneflower, goldenrod. Rather than haul our leaves and branches to the curb, I've mounded them into shady corners where [anoles](#) hibernate and toads hide between rainstorms. Simple things. [click title to read more and see photos]

Topics for This Years' Petal Pusher
the state MONPS newsletter

Petal Pusher Topics for 2024

<u>Issue</u>	<u>Due date</u>	<u>Pub date</u>	<u>Theme</u>
<u>May/June</u>	<u>April 20</u>	<u>May 1st</u>	<u>Plant Terminology</u>
<u>July/Aug</u>	<u>June 20</u>	<u>July 1st</u>	<u>Plant ID Motifs</u>
<u>Sept/Oct</u>	<u>Aug 20</u>	<u>Sept 1st</u>	<u>Missouri Native Plant Nurseries: Origin Stories & Operations</u>
<u>Nov/Dec</u>	<u>Oct 20</u>	<u>Nov 1st</u>	<u>Volunteers Working for Native Plants</u>
<u>Jan/Feb</u>	<u>Dec 20</u>	<u>Jan 1st</u>	<u>Kids & Native Plants</u>

Send submissions attached in Word format.

Send photos attached separately in jpg format.

To: Pam Barnabee pamela.barnabee@gmail.com

You don't need to be an expert. but if you have good repeatable experience as a naturalist on any of these subjects, you are welcome to offer your knowledge to the rest of us.

If we have members who are curious about any of these topics, Michelle Pruitt [michelle.pruitt@gmail.com] is willing to do an amateur proofread for you if that would be helpful. Send to her early!

ALWAYS - 20th of even numbered months. If you don't understand subjects, parameters, or submission format, contact Michelle Bowe, PP editor MBowe@MissouriState.edu.

- Potential Emerging Invaders. **Have you seen a new plant invader?** Someone from MoIP as contributor; Malissa Briggler volunteered. Any one of us could study invasive plants; MPF Journal featured invasives during 2020. Just search 'invasive plants' and pick one to report on.

- Favorite Natural Areas. Suggested to also have chapters solicit articles from their members. **This means YOU can write about your favorite Natural Area**

- Better Know a Genus. **These are species accounts.** You observe/research a species or genus and describe the whole life cycle including preferred habitat and vectors/predators.

Regular Recurring Columns:

Conundrum Corner Contributors needed!

Invasive Tip of the Month Tips to identify and eradicate invasives, with a different species in each issue. Contributors needed!

Other Recurring Columns: **Casey's Kitchen** Casey Burks

Name Change of the Month Justin Thomas. Other volunteers welcome.

Poetry Corner or Quotation Corner Send suggestions for poems or quotes for inclusion. Note that for poems, we must have permission from the publisher.

Where are we going Features we will see on the next field trip. Malissa Briggler?

And here's where you can become newsletter famous by submitting your questions: <https://monativeplants.org/ask-a-question/>

Ask a question Questions from website, answered. Facilitated by Jerry Barnabee.

Please Step Forward For Service

Please contact one of the officers 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, to man our information booth at events such as Earth Day and Bradford Plant Sale, and to care for native gardens in public places.

MEMBERSHIP FORM
Missouri Native Plant Society
Hawthorn Chapter

How were you attracted to join MONPS?

Membership runs from the date you join. You must be a member of the State Missouri Native Plant Society (MONPS) in order to join a chapter. You may send state and chapter dues to our membership chair Jayne Young or sign up on the MONPS site and pay by Paypal.

Please check membership category you desire:

Minimum required annual membership per household is \$10 for students or \$15 for non-students [state+chapter]

*These amounts include both state dues and \$5 chapter dues

Student \$10.00*
Goldenrod \$15.00*
Sunflower \$30.00*
Blue Bell \$55.00*
Blazing Star \$105.00*

Surcharge for paper state Petal Pusher by mail (+\$10.00)

Chapter only \$5.00 – this option is for members who already belong to State and another chapter

Amount Paid

Make checks payable to:

Missouri Native Plant Society
Mail payment and this form to:

Jayne Young
803 Park de Ville Place
Columbia MO 65203

Name: _____

Address: _____

Telephone: _____

Home _____

Cell _____

E-mail: _____

Chapter newsletters and messages will be sent by email