

Newsletter

Volume 38, Number 3

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

Diane Privitt

3810 Koala Dr

Columbia MO 65202

privittdd@gmail.com

Chapter Representative

Cindy Squire

cysquire@me.com

Web Master

Doug Miller

the.douglas.miller@gmail.com

Web site:

<http://columbianativeplants.org>

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@centurylink.net

PO BOX 496

Ashland, MO 65010

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

March 2023

Future Activities Calendar

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

And social lunches are third Thursdays 11:30.

13 March Mon, 6pm: Hawthorn zoom meeting with Hummingbird presentation by Veronica Mecko. Veronica is a licensed bird bander; she specializes in hummers. She has some unusual stories to tell

16 March Thurs Lunch 11:30: We enjoyed First Watch so much we would like to meet there again. [First Watch Restaurant](#) is at Stadium and Worley with plenty of free parking on the NW side of Columbia. We use a private room away from the main dining room. Click on that link to see the location on a map. This is an opportunity to get to know us, share nature stories, swap seeds, and bring pots back to Becky for the nursery.

Elena wants to let you know . . .

Hawthorn met for a very enjoyable lunch at First Watch at 421 N Stadium Blvd in Columbia. If you haven't made it to one of our lunches, please join us on a third Thursday at 11:30 at First Watch. In June, July and August, we will be meeting at Uprise Bakery at 10 Hitt Street.

17 March Friday 1pm Let's celebrate St Patrick's Day with a garden clean up. This is our Hawthorn chapter adopted garden at the Recycle Lot just north of Nifong on the Providence frontage road. We need to pull weeds, mulch and collect trash.

18 March Sat 1pm at Wild Haven. Louise will sponsor a guided **Moss Walk**.

Read her description starting on page 4

26 March Sun 2pm: Hawthorn mosey of **Carol Leigh's native areas**. [Directions](#). 7001 Hillcreek Road. Drive way is hidden in a row of bushes; drive in past house to park in back.

8 April Sat, 10 to 1: Plant sale at MU Bradford Research Center, [4968 S. Rangeline Rd., Columbia, Missouri](#). If you want to work the booth, arrive ~9; be open to instruction.

23 April Sunday, 10am to 6pm: Earth Day Fair in Columbia. We set up our booth and mostly talk to public, also sell books and plants. Details will be posted in April newsletter.

29 April Sat, 8am – Birds, Butterflies and Spring Ephemerals mosey at Wild Haven; joint field trip with CAS led by Joanna and Eric Reuter and John Besser. Article will be published in April.

12 May Sat, 8am – Explore 100AW – joint field trip with CAS. Article will be published in May.

MPF/GN Webinars

Be sure to check on the MPF/GN site [under Activities](#) for webinars before **alternate**

Wednesday afternoons at 4pm. Our chapter pays to be a member so these on-line activities are free to you as a member. However, if you feel they are giving you a good education, a donation is welcomed. [Next MPF/GN webinars 4pm](#)

--Adopt a [Regal Fritillary Butterfly](#) or a [Brown-Belted Bumble Bee](#) and help protect prairie.

GOLD LINKS

All new MPF/GN events posted here:

<https://grownative.org/events/>

Sign up for MO Prairie Journal

<https://moprairie.org/mission/missouri-prairie-journal/>

Find links to educational webinars Wed afternoons on the MPF site.

Here is a link to a Missouri Bee Identification Guide

put out by St Louis Zoo (Edward M. Spevak), and MDC (Michael Arduser)

a Bumble Bee Plant Finder

[Sent to me from PCA listserve 16 May 22] By Jarrod Fowler. Discover the **best native plants for bumble bees from the Eastern United States**. Email: info@bumblebeeplantfinder.info.

Very readable: [Botany primer](#)

Article on [butterfly identification](#) from MPF.

Excellent info from GN

[Native Landscape Care Calendar](#) - for pros and homeowners. Also - a brief [one-page care overview](#)

And just added: **extensive [Butterfly Host Plant list](#)**

ANNOUNCEMENTS

We welcome four new members this month:

Catherine Doyle, Pam Spencer, and Mary Lieber all living in the Columbia area; and Mike and Mary Hoey of Jefferson City.

We hope to make your acquaintance during our busy spring activity season.

Hawthorn sincerely appreciates

Elena, Joanna, Louise, and Cindy for their submissions this month.

Cindy and Neal, Emily, Lynn, and Mike came to help prepare plants at the nursery.

[Yea!!] Many hands make light work. There will be more opportunities soon.

And all of the anonymous hands who have picked up trash this winter at the adopted recycle lot.

Winter Care for Our Adopted Garden

Any time you are taking your recycle items to the lot facing Providence and north of Planet Fitness, **please pick up some windblown trash from our adopted garden on the north side and from grass area out front**. Time to clean up: 17 March 1pm, contact Cindy [on the masthead] if you don't know or understand.

Winter Tree Twig Workshop

Text and photos submitted by Elena

In lieu of our monthly meeting Monday 13 February 2023, Hawthorn members gathered at Grindstone Park in Columbia for a mosey focused on Winter Tree Identification. We had good

attendance and the perfect day to be outside with warm weather and sunshine. We found large and small sycamore, walnut, oak and hickory of various species, pawpaw, dogwood, elms, elderberry, persimmon, and red raspberry. Because of knowing the area well, one member brought twigs of species not found there: sassafras and hawthorn. The creek looked particularly beautiful with sunshine reflecting off the water.



How To Identify Trees By Their Twigs
on youtu.be



One last
Euonymus
seed



Nadia Attracts 20 to a Propagation Workshop 1 Feb

[Here is an article](#) posted in the Tribune. Text is all correct.

QUIZ: [How well do you know bees?](#)

How Does a
Caterpillar Turn
into a Butterfly?

Originally posted 12 Aug
2012 in [Scientific American](#)

[Handbook of Medicinal
Herbs, James A. Duke](#)

From NatGeo Newsletter on
line 23July22

**Why tick-borne
diseases have reached
'epidemic proportions'**

"Infections have more than
doubled in the U.S. since
2004, afflicting many
patients with long-term
memory problems,
overwhelming fatigue, and
even red-meat allergies. . ." I
hope this alerts you to use
repellant thoroughly and
without fail.

**MO Tick Study
Interim Results**

MDC and A.T. Still
University in Kirksville
[Get more information and
images](#)

Link to
Braiding Sweetgrass
by Robin Wall Kimmerer. If
you want to assist Robin's
cause with a purchase of one
or more of her books, please
do. If you cannot afford this
purchase at this time, [this link](#)
is a gift of a free download.

Primary reasons to **NOT**
buy peat based soil: it's a
[high carbon bank and it is
non-renewable](#)

2023 MONPS State Field Trip Dates Announced!!

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. There are 3 trips which are all close to Columbia and one will be based here!

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 me 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 that 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. Most times 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. Folks not attending the meeting usually group somewhere and visit. Refreshed, we have a Sunday morning hike and we say our good byes till the next field trip.

Spring, 21-23 April: Camdenton. Possible field trips: Leadmine CA, HaHaTonka SP. Coakley Hollow, Rocky Top Glade

Summer, 23-25 June: Mid-MO: Possible field trips: Private sinkhole pond, N Boone Co, The Pinnacles, Tucker Prairie, 100AW (other Greenbelt Land Trust for suggestions).

Fall, 15-17 September: Clinton: Possible field trips around Truman Res., about 30 Prairies, Lichen Glade.

**VOLUNTEERING OPPORTUNITIES
CPS Outdoor Classrooms**

Many of you have expressed interest in helping to manage the myriad of native plant gardens around town and at Columbia Public Schools as a reason to get outside and a process of education. Doing this community service is applicable to your MMN re-pay requirements. Even if you have not had MMN training, working in these gardens will help you learn how to recognize good native plants from undesirables. Lea is the leader for this volunteer group [named Volunteer of the Month by City of Columbia last summer].

Activities are announced weekly, so sign up now to know when and where to get started. Lea knows where all the gardens are and offers a schedule, received from her by email, when group weeding parties occur. If you have confidence in your knowledge of species recognition, don't be shy! – [ask Lea for a garden](#) and do what you can to remove 'bad plants' when you want to work. If you need assistance with id and technique, go with a group several times before you strike out on your own. langtrea@gmail.com call or text 864-7647.

If you ever want to participate in these activities, please contact Lea at langtrea@gmail.com. Photos of these projects are in a Powerpoint I did last year: [Lea's Outdoor Native Plant Classrooms](#)

Links from Xerces Society

Are Plants Sold as Pollinator-friendly also Pollinator-safe? The Case of Milkweed and How to Help. It contains some valuable scientific information about purchasing native plants.

[The recording of this webinar is posted](#) on Xerces Society YouTube Channel which offers at least 100 educational recordings. Sign up for our newsletter by visiting xerces.org/news and clicking on 'Newsletter Signup'.

[Roadside Habitat For Monarchs: Milkweeds Of KS & MO](#)

[Habitat Assessment Guide For Pollinators In Yards, Gardens, And Parks](#)

[100 Plants to Feed the Monarch](#)

[Xerces Bring Back the Pollinators.](#)

regional [Pollinator Conservation Resource Center.](#)

[community science](#) opportunities. From Bumble Bee observations to our new Firefly Atlas.

Webinars xerces.org/events. Matthew Shepherd, Xerces Director of Outreach & Education [What Bee is That? An Introduction to Commonly Encountered Bees of the US.](#)

· [If you missed a webinar, don't worry you can view most on our YouTube channel.](#)



Haven Nature Area which is maintained by Columbia Audubon Society in Northern Boone County. The walk introduces you to ten common mosses in this area of Missouri.

Anyone who knows me knows I have a passion for looking at moss. This walk follows marked trails past large hardwood and conifer trees. In season, native plants will also bloom in the landscape in recently seeded areas. These trails were developed for birders to have a place to bird multiple habitats. Because the area is primarily developed for birders, I have included many interesting relationships between moss and birds. The directions for the walk are designed to be read on your mobile phone. This is intentional to preserve our trees by not printing it.

When you go, be sure to bring a hand lens to get up close to appreciate the tiny mosses, a spray bottle of water will allow you to moisten the moss and marvel as it changes to a lush plant before your eyes. To better enjoy the birds, bring binoculars. Bring your own drinking water as there are no facilities at Wild Haven. The terrain is not flat. It can be covered in leaves and loose rock and if wet, slick underfoot. The entire trail is 1 mile, but there are multiple spots to stop and look so plan on up to 2 hours to enjoy the walk. Directions to [Wild Haven](#) [\[click on blue link for map\]](#).

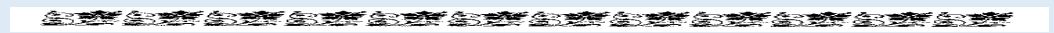
The mobile-friendly brochure is available on the Columbia Audubon Society website: <https://www.columbia-audubon.org/whmoss>

If you can't make it to the guided walk 18 March, I hope you can get out there soon. The best time of year to view moss is when it is wet and cool. Feel free to reply to this email with comments or questions.



We are presently scheduled to visit Jane Haslag's reconstruction near Taos on 10 June. I believe, if you see this video, you will be excited to see the property. Honestly the video is more of an ecology lesson. She is lucky enough to have land that was never plowed or sprayed before it was overseeded with fescue – and that was only about 30 years.

[UTube recording of Jane Haslag restoration presentation](#)



Louise Wants to Offer You an Opportunity to Help Our Work

I want to let you know that it is time for me to pass on the task of keeping the books, handouts, brochures, etc. I would like the chapter to start looking for someone who is willing to take this over. I anticipate that I will be able to complete the Spring sales season, but would like to hand it over to someone as soon as possible.

For the 12 years I have been doing this, I have met many wonderful people and learned a tremendous amount about native plants and the many other species that make up our regional ecosystem. It has been a pleasure to be a part of this effort to educate the public and to spread the word about native plants.

Did you ever want to own a bookstore? This volunteer opportunity gives you the benefits of that without the financial risk. All the books are housed in your home and can be read by you. You have a strong voice in what books to buy. You decide on how to display the books for public sale at our plant sales. You engage with your customers on the benefits of native plants. You enjoy the benefits of working with the Hawthorn members who make the sales a success. I will be available to teach you how I have managed the "bookstore" and then you can bring your own creativity to the task.



Louise Has Developed a Moss Walk at Wild Haven

I want to share with you a link to a self-guided moss walk. Joanna Reuter and I have been working on this for several months and it is now ready to be enjoyed anytime by anyone who wants to try it out. The walk is at Wild

Announcement of all GN plant sales this spring.

Yes it is convenient to pre-order from professional vendors. But, Please, remember your chapter has a nursery which is closer in mileage than all of the others. Call Becky for directions and an appointment: see bottom of masthead.

Saturday, March 25, 2023 (10 a.m.-2 p.m.)-
Runge Conservation Nature Center, [330 Commerce Dr., Jefferson City, Missouri](#)

Saturday, April 8, 2023 (10 a.m.-1 p.m.)- MU Bradford Research Center, [4968 S. Rangeline Rd., Columbia, Missouri](#)

Saturday, April 15, 2023 (10 a.m.-2 p.m.)- Anita B. Gorman Conservation Discovery Center, [4750 Troost Ave., Kansas City, Missouri](#)

Saturday, April 29, 2023 (10 a.m.-2 p.m.)- Watershed Committee of the Ozarks, Ozark Empire Fairgrounds, [3001 N. Grant Ave., Springfield, Missouri](#)

Saturday, May 13, 2023 (10 a.m.-2 p.m.)- World Bird Sanctuary, [125 Bald Eagle Ridge Rd., Valley Park, Missouri](#)

Saturday, May 13, 2023 (10 a.m.-2 p.m.)- Anita B. Gorman Conservation Discovery Center, [4750 Troost Ave., Kansas City, Missouri](#)

Saturday, May 20, 2023 (10 a.m.-1 p.m.)- Bass Pro Shops Sportman's Center®, [3101 Bass Pro Drive, Columbia, Missouri](#)

2022 Missouri Natural Areas Newsletter is now available!

Written and edited by Mike Leahy, one of our members.

This edition of the newsletter focuses on Missouri's big rivers and their associated floodplain habitats. Learn about all sorts of facets of our big rivers and their floodplains.

From the **Natural Areas Association newsletter** 21 Feb 2023

https://www.researchgate.net/publication/366186887_Protecting_and_Valuing_wild_native_plant_species_genetics_during_domestication

Protecting and Valuing Wild Native Plant Species' Genetics During Domestication

Steven I. Apfelbaum and John Elstrott, PhD. Originally pub Dec 2022 Researchgate #366186997

FROM THE MPF NEWSLETTER and NATURESERVE

14 Feb 2023

During a time when species are going extinct faster than any period in human history, the survival of species and persistence of healthy ecosystems require science-based decisions. A new analysis by [NatureServe](#) addresses five essential questions about biodiversity—the variety of life on Earth—that need to be answered if people are going to effectively conserve nature. [Original Article: from NatureServe](#) [Popular Article revised by Reuters](#) [Publication](#)



In the first report of its kind, [Biodiversity in Focus: United States Edition](#) reveals an alarming conclusion: 34% of plants and 40% of animals are at risk of extinction, and 41% of ecosystems are at risk of range-wide collapse in the U.S.

These percentages are sobering, and they underscore the importance of MPF's work. We are on a mission to protect as much remaining old-growth, biologically diverse prairie as we possibly can, and to do so in perpetuity. Missouri's prairie remnants—like MPF's recently acquired property described above—remain vital habitat for many remnant-dependent plants and animals, and cannot survive anywhere else—and they are sources of seed for expanding habitat for many species that require larger native grassland landscapes.

Learn about [MPF's protected properties](#)—all open to the public to enjoy on foot—and how you can support our work by making a

Prairie Valentine's Day [tax-deductible donation today](#). Thank you!

*Photo by Casey Galvin, is of [royal catchfly](#) (*Silene regia*), with its stunning Valentine's Day-red flowers. It grows on numerous Missouri prairies, with a significantly large population at MPF's Linden's Prairie.*

Topics for This Years' Petal Pusher

the state MONPS newsletter

Petal Pusher Topics for 2023

Due date	Pub Date	Theme	Contributors
April 20	May 1st	Native Plant Landscaping ;	Carol Davit, Scott Woodbury, Louise Flenner
June 20	July 1st	Plant ID Resources; Dana to send a list; short reprise of missouriplants/FB article from Jan; iNaturalist -	James Faupel
Aug 20	Sept 1st	Your Tax Dollars at Work on Invasive Plants	Stephanie McLerran (MODOT), MoIP (Malissa), MDC, SRISP, EDDMapS?
Oct 20	Nov 1st	Stan Hudson Research Grant Program Article about the person (friend or family member?); sample of research projects funded (could also be future recurring feature)	
Dec 20	Jan 1st	Winter Botany: Solicit articles from WGNSS members on winter plant ID. (buds, rosettes, etc.)	

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 July 1 through June. 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, Diane Privitt.

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 and 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:

**Diane Privitt
3810 Koala Dr
Columbia MO 65202**

Name: _____

Address: _____

Telephone: _____
Home _____

Cell _____

E-mail: _____

Chapter newsletters and messages will be sent by email