



Newsletter

Volume 37, Number 12

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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:

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This is the 37th year Hawthorn has supplied a newsletter to chapter members.

December 2022

Future Activities Calendar

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

And social lunches are third Thursdays 11:30.

Monday 12 December 2022 Meeting Agenda

Offered by Elena, President

6 pm: Zoom will be available for anyone who wants to introduce yourself and socialize

Join Zoom Meeting <https://lincolnu-edu.zoom.us/j/93625359977> Meeting ID: 936 2535 9977

6:30: Becky has a presentation about identifying native plants in fruit: Pods on a Stick

About 7 pm: Meeting comes to order

1. Review and amend/approve minutes from October meeting.

2. Nominating Committee will present the nominations for President and Secretary and membership will vote; **those unable to attend and vote during the December 12 meeting can submit their votes to any officer (Elena, Emily, Diane, Cindy) in person, by telephone, or by email prior to the meeting and until 6pm Monday.** Their contact info is in the sidebar to the left.

It is very easy to attend – Please join the Zoom.

The nominating committee nominates Elena for President and Emily for secretary.

3. Reports from Officers/Committees.

The next meeting scheduled for 9 Jan 2023 will be a business meeting to plan activities for 2023.

State Board has requested we host one of the weekend field trips. So the primary discussion will be locations for field trips. **We would greatly appreciate your input for suggested areas of exceptional natural interest in Boone and contiguous counties.** Please attend the zoom meeting or send an email to one of the officers. Other subjects to discuss will be booth set-up and plant sale dates, and possible programs for meetings.

15 Dec Thursday 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. 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.

17 or 18 Dec. Noon. Broadcast seed at 100-Acre-Woods in north Boone County. On Pinnacles Road about a mile past the Park. Saturday or Sunday will be chosen a few days ahead in an attempt to avoid bad weather. Better directions will accompany that announcement.

Be sure to check on the MPF/GN site [under Activities](#) for webinars before **alternate Wednesday afternoons at 4pm.** Recent topics were wasp identification, and owl walks on prairies. 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.

[Each title is a link to more information and the page for your reservation.](#)

GOLD LINKS

All new MPF/GN events posted here:

<https://grownative.org/events>

Public Enemy #1



I have killed six this fall. PLEASE be aware and act.

Perfectly camouflaged, this oriental mantis waits on flowers to eat EVERYTHING

that lands on it: all beetles, butterflies, bees, other mantids, hummers, and finches who come for seed. It is imperative to rid your area of this ecological menace. Catch and kill the bird-sized adults. Egg cases look like a tan foam golf ball stuck on any vertical twig or wire. Put them in a jar over a year, or soak them in something flammable and light on fire to be sure they are dead before disposing in the trash.

Sign up for MO Prairie Journal

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

Find links to educational webinars every Wed afternoon on the MPF site.



December 7 @ 4:00 pm - 5:00 pm CST

[MPF Webinar: Winter's Feathered Friends: The Christmas Bird Count & Grassland Birds](#)

Zoom MPF board members Bruce Schuette and Vernon Elsberry will share information about the history and purpose of the Christmas Bird Count, as well as information on grassland birds that one would expect to encounter on prairies in December. Bruce Schuette retired from working 36 years as a park naturalist at Cuivre River State Park, where [...] [click on title to register](#)



December 21 @ 4:00 pm - 5:00 pm CST

[Grow Native! Webinar: Restoring Home: The Journey Back to Native](#)

Zoom In this presentation, join Jane Haslag and her husband Allan as they discovered what non-native plants invaded their 15 acre property in mid-Missouri, what needed to be done to restore the land to its original native splendor, and what they learned along the way. Learn from their prairie and woodland restoration efforts and find inspiration [...] [click on title to register](#)

ANNOUNCEMENTS

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. **There are many plants in the garden with mature seeds so you are welcome to collect what you want or need.** If you have attended any propagation workshops, you know they won't germinate unless you place them on the ground before the end of November.

MPF and MoIP Encourage Citizens to Report Presence of Invasives using EDDMapS



In November, amid the oranges and browns of fall foliage, the yellow-green leaves of bush honeysuckle are especially apparent, and a reminder of the pervasiveness of this and many other invasive plants on the landscape. Not only are warm days in November good times to [treat bush honeysuckle](#), this month is also ideal for documenting locations of bush honeysuckle and other invasives that are still visible, like [wintercreeper](#).

Photo of bush honeysuckle by Bill Ruppert

One of the most important pieces of information needed to manage invasive plants is knowing where they are located and how widely they are distributed. The [Early Detection and Distribution Mapping System \(EDDMapS\)](#) is an easy way to collect those data, which are stored in a national database that anyone can access. Anyone who can identify an invasive plant can enter the location of that particular invasive plant. Abundance and treatment information can also be recorded using EDDMapS. (For information on recording data on public vs. private land, read [this](#).)

All one needs to do is register on the site and complete a fillable report online. EDDMapS provides instructions for entering a plant's location. All records are verified for accuracy. EDDMapS also has an iPhone App for those who prefer to use their smartphones. Find the

Here is a link to a

Missouri Bee Identification

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

The presentation at the Jan meeting was about bumble bees; Emily found the link to watch the [PBS Nature program about bees](#).

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@bumblebeeflowerfinder.info.

Very readable: [Botany primer](#)

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

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

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](#)

Primary reasons to NOT buy peat based soil: it's a high carbon bank and it is non-renewable

EDDSMapS link and an instructional webinar recording on the [Missouri Invasive Plant Council's Reporting Tools web page](#).

[Please!] Battle Bush Honeysuckle

From [Missouri Conservationist Nov '22 on line](#)

If your plan to rake leaves has been circumvented (see Give Your Rake a Break) and now you have pent-up yard work energy, turn it toward battling bush honeysuckle. After most of the fall color is gone, you may see some green remaining in the forest understory. Exotic invasive bush honeysuckle will remain almost iridescent green well into December, making it easy to spot. Bush honeysuckle stays green after most plants have gone dormant, and in spring greens up before other species leaf out, and then grows so aggressively, outcompeting our native wildflowers and other plants, preventing regeneration of our forests. Get out and help control this problematic shrub. Find out how by visiting the [whole page on *Lonicera mackii* where you will find links to control of other invasive species](#).

Audubon e-newsletter 6 April 2022 offers an article for the uninitiated on [the difference between native and non-native](#) and invasive – and many reasons why true native plants are better for the environment. And there are several follow-up articles with this page. You might want to share this link with a friend or neighbor who is unaware.

Info to identify invasive species: Maps for [142 individual species](#) in MO and descriptions for [25 species](#) have been combined by [MO Invasive Plants Task Force](#).

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](#)

Potting soil has a dirty secret

By Cait Etherton

Published November 3, 2022

The soil used to grow potted plants and fill raised beds seems perfect. But it hides some disturbing problems for the environment and our health.

Almost every tomato plant, pansy, or succulent you've ever purchased first sprouted in something called potting soil, a concoction that often contains neither soil nor compost. Instead, all those bags at the nearest nursery are dirt-less sterile blends of exotic mosses, fibers, and minerals, ingredients that hide lung disease, water waste, and a whopping carbon footprint. Click on title to read more.

How Does a Caterpillar Turn into a Butterfly?

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

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.

Recommended Book

Suzanne Simard, Ph.D. Innovative Scientist, Researcher & Author

Dr. Simard is a pioneer on the frontier of plant communication and intelligence; her
TED talks have been viewed by more than 10 million people worldwide, and she is
the author of [Finding the Mother Tree: Discovering the Wisdom of the
Forest](#) (Penguin Random House), a New York Times Best Seller.

Dr. Simard's first book describes decades of research to explain how trees interact
and communicate using below-ground fungal networks. Research out of Dr. Simard's
lab investigates how these complex relationships "contribute to forest resiliency,
adaptability and recovery and has far-reaching implications for how to manage and
heal forests from human impacts, including climate change.

Links from Xerces Society

On 12 October, Becky attended **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. After viewing the video of the webinar, please submit your
questions or comments to: webinar@xerces.org.

For more information, check out our website at xerces.org. If you want to stay in touch, sign up
for our newsletter by visiting xerces.org/news and clicking on 'Newsletter Signup'.

[Ed note: I exchanged several messages with Melissa, the new public relations person with Xerces.
She wanted to share these links with you; The text is copied from her email. And she sent us a box
of wonderful handouts for the booth!]

[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](#). Join thousands of community members in taking our
pollinator protection pledge. We have loads of resources to help you make room for pollinators in
your community in our regional [Pollinator Conservation Resource Center](#).

· Check out our [community science](#) opportunities. From Bumble Bee observations to our new
Firefly Atlas, we have something for everyone.

· We have lots of webinars coming up and you can browse them all at xerces.org/events. On
May 12th, Matthew Shepherd, Xerces Director of Outreach & Education will host a wonderful
webinar called [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.](#)

COVID in Wildlife

If Omicron virus has been found scientifically in whitetail deer in AR, IL, KS & OK , [[NY Times
7 Feb 2022](#)] it is safe to assume covid is in whitetail here in MO. Covid ran rampant throughout the
mink industry kennels in OR/WA and China. All of those minks were destroyed in summer when
their hides could not be salvaged. Many different animals in zoos and home pets have contracted
covid. Latest news is that hundreds of covid variants are evolving – some easily passed to wildlife.
One way to keep covid, tick diseases [see tick article in bulletin board in left column], and cwd in
check is to kill deer.

Please encourage anyone who hunts to kill all deer that is legally possible as
herds can triple every year [2 fawns per doe]. Deer season is 15 Sept thru 15 Jan.
Plan you outings so timing does not bother hunters; midday usually works. Wear
orange.

Topics for This Year's Petal Pusher

the state MONPS newsletter

Petal Pusher Topics for 2022

Due date	Pub Date	Theme	Contributors
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Dec 20	Jan 1	MONPS Chapters	-Dana Thomas (develop questionnaire)
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New topics will be established during the State board mtg in Dec.

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