



# Newsletter

Volume 37, Number 11

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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 26<sup>th</sup> of every month to:

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

November 2022

## Future Activities Calendar

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

**And social lunches are third Thursdays 11:30.**

### DUES ARE DUE

Only half of our chapter members have renewed. Be patient as state is trying to coordinate a new automated system. Apparently the automated system is difficult to install. **If you are inclined to renew - Please do so ASAP.** If you double-pay, you will be credited for 2 years. Pay on the MONPS website, or print and fill in the last page of this newsletter, then send with a bankcheck by post to <-Diane Privitt: form and address [again] on last page; or write the usual contact info on another piece of paper. If we don't get your payment in November, I will send you a personal reminder.

**14 November Monday 6:30** Hawthorn Chapter monthly meeting has been cancelled due to no business to discuss and no program available.

**12 December Monday 6:30** Hawthorn Chapter monthly meeting will be a ZOOM so most people can participate. According to our Bylaws, we need to vote for officer positions of President and Secretary at this time. Please [pleaseplease!] attend. We will also have a program tba in the Dec Newsletter. If you desire to volunteer for either of these positions, please contact Cindy.

**17 Nov Thursday Lunch 11:30:** This is the week before Thanksgiving, so while you are in town rounding up your supplies for the big feast, come by and join us for lunch. 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.

Be sure to check on the MPF/GN site [under Activities](#) for webinars before **alternate Wednesday afternoons at 4pm**. Recent topics were butterfly & moth identification, and citizen science projects. 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.](#)

## Grow Native! 2022 Professional Member Conference

**November 9 @ 9:00 am - 3:30 pm CST**

Don't let the word 'professional' deter you from signing up – at least – for the zoom attendance. If you live in the CoMo area, you would benefit from attending in person to get to talk to people. Hawthorn chapter pays GN for membership so you are a member; you can attend Zoom for free. - - unless you want to help the MPF/GN efforts with a donation. Money for attendance covers your lunch and hall rental.

Grow Native! 2022 Professional Member Conference with exhibitors and speakers including Scott Woodbury's keynote "Observations over a 30-year Native Landscaping Career." In-person event (MU General Services Building, Rooms 194A&B, University of Missouri, Columbia, Missouri) \$20 per person for Grow Native! professional members (and their staff). Virtual event free for Grow Native! professional members and staff. REGISTER ASAP!!

## 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.



## MPF Master Class: Wasps: The Astonishing Diversity of a Misunderstood Insect

November 23 @ 4:00 pm - 5:00 pm CST Zoom

We most often equate the word "wasp" with "hornet" or "yellowjacket," maybe "dirt dauber," but these insects are vastly more diverse. Most do not, or will not, sting. They perform all manner of ecosystem functions, from pollination to pest control. So successful are wasps that many other insects emulate them through mimicry. Join us for a [...]



## Winter Prairie Raptor Hike – Pleasant Run Creek Prairie

November 29 @ 5:00 pm - 7:00 pm CST at Pleasant Run Creek Prairie  
MPF Technical Advisor Jeff Cantrell will lead a hike at 5 p.m. On this two-hour hike at dusk, you may see short-eared owls and other raptors. On November 29, the tour will be at MPF's Pleasant Run Creek Prairie in Vernon County. There will be another hike on November 30 at MPF's NW Lawrence County = below.

## Winter Prairie Raptor Hike – Northwest Lawrence County Prairie

Northwest Lawrence County Prairie November 30 @ 5:00 pm - 7:00 pm UTC-6

MPF Technical Advisor Jeff Cantrell will lead a hike at 5 p.m. On this two-hour hike at dusk, you may see short-eared owls and other raptors. This tour on November 30 will be at MPF's Northwest Lawrence County Prairie. There will be another hike on November 29 at MPF's Pleasant Run Creek Prairie in Vernon County.

**1 December Thursday 11am to 4pm Wreath workshop,** Nadia is offering her greenhouse space as she did last year for a workshop 1220 Chestnut Street, JC, MO. Nadia's volunteers will be recognized at noon. Later: another announcement with map link.

Bring a wreath base [straw, wire, vine], bunches of interesting dried plant materials [collect now] – enough to share, moderate sized cedar boughs with berries, other berries. Please – no invasive species with seeds! Bring your own clippers, craft wire, [perhaps a glue gun] and creativity. If you don't want a wreath, make small ornaments.

Bring a wholesome snack to share and your own beverage. This is in a greenhouse and workshop, so dress in layers for hot and cold, and sneakers.



## 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.



"Ours is not the task of fixing the entire world all at once, but of stretching out to mend the part of the world that is within our reach."

— Clarissa Pinkola Estés

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](#).

Jarrold Fowler (with a little bit of funding from us[PCA] and the FWS) has created

## **a Bumble Bee Plant Finder**

[Sent to me from PCA listserve 16 May 22]

Quoting Jarrod: "The Bumble Bee Flower Finder helps you discover the **best native plants for bumble bees from the Eastern United States**. Find flowers for habitat gardening, conservation planting, and bee monitoring. Under Construction. Email: [info@bumblebeeflowerfinder.info](mailto:info@bumblebeeflowerfinder.info)."

Geared towards those who need to plant plants. This guide will be useful to those of you who are landscapers, architects, nursery people, gardeners, botanists, and bumble bee researchers who need to explore plants.

## **Karen wants to share:**

This might be a good link for the Hawthorne newsletter. It is very readable. Good for those who aren't botanists. I got this link when I was taking a bumblebee class via zoom. [Botany primer](#)

Elena offered to share this article on [butterfly identification](#) from MPF.

## **[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.**

## **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](mailto:langtrea@gmail.com) call or text 864-7647.

If you ever want to participate in these activities, please contact Lea at [langtrea@gmail.com](mailto: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**

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](mailto:webinar@xerces.org).

For more information, check out our website at [xerces.org](http://xerces.org). If you want to stay in touch, sign up for our newsletter by visiting [xerces.org/news](http://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.



**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](#)**

## 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.](#)

- We have lots of webinars coming up and you can browse them all at [xerces.org/events](http://xerces.org/events). On May 12<sup>th</sup>, 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.](#)



## Fall Stewardship

From MPF/GN online newsletter 25 Oct 22

Now, as more native plants begin to go dormant, they continue to provide important habitat through the fall and winter. Fallen leaves in native gardens shelter small animals like salamanders, snails, and moth cocoons. [Standing dead stems that are hollow provide nesting cavities for native bees](#), and spent vegetation left in place, along with wildflower and grass seed, help protect birds from winter elements and provide food for them, too.

< <Photo of fallen oak leaves in a native garden with [pussytoes](#) (*Antennaria parlinii*), [bee balm](#) (*Monarda bradburiana*), and other native plants by Carol Davit

For all of these reasons, we encourage you to "leave the leaves" in native gardens this fall and winter. Read more about this important practice [here](#).

You can also [purchase a Leave the Leaves sign](#) (pictured here) from MPF's Grow Native! program to help your neighbors understand the benefits your garden provides in fall and winter. (Please allow seven days for delivery.) You may wish to consult the [Grow Native! Native Landscaping Care Calendar](#) for additional seasonal garden stewardship tips.

## Wildflower Apothecary

Read the full articles from YES Newsletter.

A panacea garden awaits our next steps. In early summer, [we introduced](#) seven traditionally healing wildflower plants and how to invite them into our gardens. Now is the time for harvesting and transfiguration.

[Before foraging and formulating begins](#), good harvesting ethics should be addressed as a reminder that reciprocity begins with mindfulness. Respectfully removing parts of plant communities begins with the harvester making an offering. This can be a prayer or a song or maybe tidy up the space around the plant. Also, don't take too much, make it look like you were never even there. Hold good thoughts and consider how you want people to feel when they experience your finished product. Click on the links above to absorb the whole thought.

If these species and uses have piqued your interest, you will probably want to download the bible on the subject: [Handbook of Medicinal Herbs, James A. Duke](#)

## Bison On Prairies

Read about research published in Proceedings of the National Academy of Sciences about the [positive impact of bison on prairies](#).

Included is a critter-cam video at Dunn Ranch near Eagleville MO.

If you subscribe to NatGeo magazine, you can get these on-line stories by filling in your member number on your mailing envelope in the prompt box. Otherwise the on-line subscription is very affordable.

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](#).

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

## 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.

## Did you know that the

**yellows and golds we enjoy on leaves during fall are always there?**

From Smithsonian on line newsletter 22 Sept 2022

- They're just hidden in spring and summer by chlorophyll! [Discover more foliage facts](#), including why leaves change color, what conditions create the most vibrant display, and how trees prepare for winter.

## 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](mailto: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](mailto:michelle.pruitt@gmail.com)] is willing to do an amateur proofread for you if that would be helpful. Send to her early!

**ALWAYS - 20<sup>th</sup> of even numbered months. If you don't understand subjects, parameters, or submission format, contact Michelle Bowe, PP editor**

**[MBowe@MissouriState.edu](mailto: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