



Newsletter

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January 2023

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

Future Activities Calendar

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

And social lunches are third Thursdays 11:30.

The next **membership meeting scheduled for 9 Jan 2023** will be a business meeting to plan activities for 2023. Every group of people from a country to a family has discussions about their future direction. You have shown interest in nature by renewing your dues. Please look at the attached document regarding a typical Hawthorn event calendar and mosey suggestions. **We would greatly appreciate your input for suggested areas of exceptional natural interest in Boone and contiguous counties.**

If you are interested in attending anything on this list or have a unique idea you want to share, let us know what types of activities and events you are interested in so Hawthorn can plan another wonderful year geared toward our members' interests.

Because of the increase in viral illnesses, **you will be sent a zoom link a few days before the meeting.** Please attend the zoom meeting or send an email with your ideas to one of the officers.

19 Jan 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. 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.

MPF/GN Webinars

Be sure to check on the MPF/GN site under Activities for webinars before **alternate Wednesday afternoons at 4pm**. Recent topics were Christmas Bird Count, and acreage restoration. 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.

--January 4: Grow Native! Master Class: Landscaping with Native Wetland Plants

More to come later by separate email



ANNOUNCEMENTS

Hawthorn sincerely appreciates Elena and Emily for volunteering to continue their officer positions as president and secretary respectively.

Big thanks to Karen and Elena for helping Becky broadcast about 40 gallons of chaffy seed over about 5 acres of One Hundred Acre Wood [100AW] in north Boone County, north of Pinnacles Park. 18 Dec was sunny and chilly, but we didn't notice as we pushed our way around piles of down cedar and among the Eupatorium stems from last summer. John plans to burn the area when the weather is right this month – if you are interested in assisting: John.George@mdc.mo.gov .



Winter Care for Our Adopted Garden

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 every Wed afternoon 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 listserv 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

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.

2023 MONPS 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](#)

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 23 July 22

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 repellent 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](#)



around the world set goals for the protection of biodiversity, which sustains life for all. In her opening comments, Inger Andersen, Under-Secretary-General of the United Nations and Executive Director of the UN Environment Programme, said "We cannot afford to continue thrashing a path through the fragile web of nature and biodiversity."

MPF takes these words to heart, every day. MPF has been protecting priceless, biologically rich prairie for 56 years, and since 2014, has acquired more original, unplowed prairie than any other group in Missouri during that time frame, open to all to enjoy. We are going to purchase another prairie on December 28! In addition, we continue sharing prairie and native landscaping information through the [Missouri Prairie Journal](#), in publication for 43 years, and through our popular [webinar and master class series](#), enjoyed by many thousands of people.

A message from Carol . . .

Thanks to prairie supporters, MPF carried out [another year of important work](#) to protect original, unplowed prairie and advance the use of native plants in developed landscapes.

Prairie protection is critical to saving the remaining prairies in Missouri, and because these prairies are extremely species-rich habitats, it is also significant in a national and even a global sense. On December 19, the [15th Conference of the Parties \(COP15\) to the United Nations Convention on Biological Diversity \(CBD\)](#) concluded its meeting in Montreal. At this international gathering, governments from

If you were not able to attend Doug Tallamy's webinar

or would like to watch it again, you may do so [with this link](#) to the recording: https://us02web.zoom.us/rec/share/FJExivt3bkUfsof7gKNoV51u_QSNRrLQQ-CXGrolQShQPVeCdCDWYXrF78Zmd4HM.tkyMp-sPRETaafBz

If you would like to learn more about the Endangered Species Coalition's work on pollinators please visit: [endangered.org/pollinator-protectors](#)

Doug Tallamy's book list:

His books include Bringing Nature Home, The Living Landscape, co-authored with Rick Darke, Nature's Best Hope, a New York Times Best Seller, The Nature of Oaks, winner of the American Horticultural Society's 2022 book award.

Three additional resources where you can obtain native plant lists and nurseries selling native plant species in your region:

1. Native Plant Society of the US <https://plantsocieties.cnps.org/>
2. Xerces Pollinator Conservation Resource Center <https://www.xerces.org/pollinator-resource-center>
3. North American Native Plant Society <https://nanps.org/>

You can learn more about Doug Tallamy's organization, Homegrown National Park here: <https://homegrownnationalpark.org/>

There is a contact form on the site, where presentations can be requested
For direct questions, Doug Tallamy's email is dtallamy@udel.edu

[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.

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.](#)

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.

Louise and Cindy share info from Wild Ones

Back in 2004 Wild Ones published a guide to native plants. The information in it is just as applicable and relevant today as it was then. It serves as an excellent primer for the newbie and a great resource of information for everyone interested in using native plants. Since Wild Ones started as a native landscaping group, there are landscape designs included. The guide is now a part of the EPA's archives. Thank you to Cindy for sending me this information.

Web link is https://archive.epa.gov/greenacres/web/pdf/wo_2004b.pdf.

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.

From: native-plants <native-plants-bounces@lists.plantconservation.org>

Sent: Wednesday, December 28, 2022 3:07 PM

Subject: [PCA] SAVE THE DATE & RSVP: Plant Conservation Alliance e-Meeting, **January 11, 2023, 2-4pm ET, with Sara Fitzsimmons**

Please RSVP to attend the first PCA meeting of 2023 where we welcome Sara Fitzsimmons, Chief Conservation Officer, The American Chestnut Foundation, The Pennsylvania State University, who will discuss Restoring the American Chestnut for Robust Forests in the Eastern US: Considerations and Challenges for the Next 200 Years

ABOUT THE PRESENTATION: The American chestnut (*Castanea dentata*) was once a primary component of many forests in the eastern US. In the 1800s, plant importation brought with it a devastating fungal disease that all but eliminated the American chestnut from its original range. Researchers with The American Chestnut Foundation and affiliate organizations have been on the forefront to restore this species, exploring the many facets required for reintroduction of disease-resistant populations. The Appalachian forest ecosystem is vastly different now than it was over 100 years ago when American chestnut was often the dominant species of a stand. Invasive and exotic vegetation, introduced diseases and pests, ravenous and excessive deer herds, overdevelopment, and threats of climate change face a species made effectively dormant by introduced disease. Luckily, current research suggests populations of American chestnut could be self-sustainable, despite changing pressures, within the next 50 – 100 years.

ABOUT OUR PRESENTER: Sara Fern Fitzsimmons has worked at Penn State University with The American Chestnut Foundation since 2003, assisting chestnut growers and researchers throughout the Appalachian Mountains. Sara hopes her research and professional work will facilitate long-term conservation and restoration of native tree species at risk from exotic pests. **This meeting is held remotely and open to all.** More information about the presentation can be found on our [PCA Meetings page.](#)

***** PLEASE RSVP TO ATTEND THIS MEETING ***** RSVP by COB Monday, January 9, to elizabeth_krone@fws.gov

The meeting login details will be shared with all respondents via calendar invite and email by Tuesday January 10.

More information about the presentation is available on our [PCA Meetings page](#).

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