

Newsletter

Volume 38, Number 10

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.

October 2023

Future Activities Calendar

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

And social lunches are third Thursdays 11:30.

Adopted Garden Cleanup will resume on alternate Friday mornings starting at 9am: 6 and 20 Oct. Location: recycle lot north of Planet Fitness on the west side of Providence. Calendar these dates now because reminders will not be sent. Contact Cindy.

~~**Sat 7 Oct, 10 am to 3 pm Chestnut Festival**~~ at MU's HARC

We planned to attend this fair as we have for many years, but have recently found that MU needed to cut its expenses, so they cancelled Chestnut Festival.

Mon 9 Oct 5:30. Regular members' meeting. Pot Luck in Elena's yard: 2815 N Oakland Gravel Road, Columbia. The restrictions for food are that **all ingredients must be originated from the Western Hemisphere.** In other words – Native meat, fruits, roots and vegetables that grew here more than 400 years ago. You need to do some research. It will be a great learning experience. Please bring your food dish, serving spoon, personal plate and utensils, and a chair. It is not possible to cook for everyone's dietary needs, but it would be helpful if you can provide a list of ingredients.

If weather is not conducive to being outdoors, watch your email for an alternative location.

We need to take a vote on **starting a partnership with GBLT [see article on page 2]** and continuing our partnership with MPF/GN. Also need to decide what subjects/where/how to hold meetings thru this winter. **If you cannot attend this fun meeting, please send your vote per instructions.**

Sat 14 Oct, 1-3 pm: Visit Bonnie's yard 1812 Cliff Drive. Her yard is an urban study in efforts to eradicate invasives and use native borders and a rain garden to reduce the lawn. There's a bur oak that shades most of the back yard. We'll talk about what has worked and what I wish I'd done differently. Open to critique and suggestions for improvement.

Thurs 19 Oct 11:30 am Lunch: [First Watch Restaurant](#) 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.

Hunting Season Dates

Archery season starts 15 Sept. Some counties have firearms hunting on weekends starting in early Oct. Get more information on regulation changes and other details for deer hunting from MDC's 2023 *Fall Deer & Turkey Regulations and Information* booklet, available where permits are sold and online at mdc.mo.gov/hunting-trapping/species/deer.

We all enjoy walks in wild areas during the cooler fall days. Please be respectful of hunters by walking during midday hours and wear a lightweight iridescent vest [orange or yellow]. We want human hunters to take as many deer as they legally can because there are not enough natural predators to keep deer numbers at a healthy level. Too many deer spread many diseases. Too many deer eat many native plants into local extinction.

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.

Fireflies are vanishing but you can help protect them

Excellent article in NatGeo Newsletter By Amy McKeever Published 1 June 2023

Retrieved 29 July 2023:
Experts offer tips on how to make a home for the beloved bioluminescent insects in your own backyard—from creating a microhabitat to keeping your lights off.

[From editor:] Maybe 8 years ago my woods lit up like a wonderland light show for almost a week. I never remember this display before or since in 70 years. Wish I knew the recipe – maybe the rain cycle and perfect temperature.

State parks are usually devoid of hunters, but check ahead at the park office to see if a managed hunt is scheduled for the dates you want to go there to explore.

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](#) [The MPF/GN newsletter will remind you of these events: Sign Up!](#)

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

ANNOUNCEMENTS

We want to announce our deepest gratitude to Louise for her many years of dedicated service keeping all the books and printed materials offered at our booth organized and up to date. Carol-Leigh has offered to take this job. She is very active with Weavers Guild and River Relief, so would like an assistant to help only a few days per year.

Call her for details: 573-874-2233.

Thank you to Elena, Ann, Veronica, Cheryl-Ann, and Emily for submissions for this newsletter. There would not be so much good information and history if it were not for you five. We would love to post thoughts and ideas from YOU, yes YOU reading this, too.

Greenbelt Land Trust Partnership

Offered for consideration by Elena, our chapter president

Hawthorn Chapter has partnered informally for several years with the [Greenbelt Land Trust of Mid-Missouri](#). John George has hosted us on moseys of the 100-acre wood, and Hawthorn has participated in seed collection events and seed dispersals to help improve the biodiversity of native plants on their property. Hawthorn members have also provided an abundance of native plant seeds for dispersal on their property.

Hawthorn officers expressed their support for entering a partnership. Emily Beckett and Elena Vega attended the Greenbelt Land Trust board meeting on September 19 to investigate the possibility of Hawthorn becoming a formal partner with Greenbelt. We learned there are two different levels of partnership to enter for a [formal partnership](#). A \$100 level partnership includes various benefits such as a quarterly newsletter with updates on projects and events, exclusive invitations to member only events in places not open to the public, and a shout-out on their website. With a \$300 level partnership, Hawthorn would be featured on the front page of their website and Hawthorn members could take a private guided tour of a Greenbelt preserve in addition to the benefits available at the \$100 level.

Hawthorn's officers all agreed partnering with the Greenbelt Land Trust would be a good fit due to our shared goals and think a \$300 level partnership would be appropriate, but before we spend funds to enter a formal partnership agreement we are putting this decision to a vote of Hawthorn membership. As per the Hawthorn by-laws, **please provide your vote of yes or no entering a \$300 level partnership by one of the following methods:**

*Contact any Hawthorn officer with your vote prior to the 6:30 p.m. meeting on Monday October 9, 2023, or

*Cast your vote at the meeting on Monday, October 9, 2023.

Challenge MONPS

Additionally: For the last several years Hawthorn has donated \$500 to Missouri Prairie Foundation and \$500 to Grown Native! and has challenged the state MONPS to match our donation. We are asking **Hawthorn members to vote on continuing this level of membership by either providing a yes or no vote to a Hawthorn officer** prior to the October 9, 2023, meeting or voting during the meeting.

Personal Service from Xerces

I wanted to let you know about an exciting new benefit available to you, to say thank you for helping us protect invertebrates. As a Xerces donor, you can now [request a call](#) from a Xerces Ambassador. Ambassadors are expert volunteer conservationists who volunteer with Xerces to share their knowledge and support Xerces members.

Whether you want to talk about creating habitat in your yard, bumble bee ID, or brainstorming ways to engage your community further, requesting a call from a Xerces Ambassador is a complimentary service we hope you'll enjoy. Consider it your personal invertebrate hotline.

You can [request a call here](#) and an Ambassador will call you at a time that works for you.

Please feel free to reach out with any questions.

Best,
Melissa
Manuel, Engagement
Specialist 503-468-6602
(she/hers)



XERCES
SOCIETY
for Invertebrate Conservation

[Protecting
Pollinators](#) [Conserving
Endangered
Species](#) [Reducing Pesticide
Use & Impacts](#)

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.

Our Adopted Garden

Explained by Elena

If you haven't ever done so, please come by and admire the Hawthorn Adopt-A-Spot at the NW corner of Providence and Nifong in Columbia just behind the city recycling bins north of Planet Fitness. Cindy has been organizing work and clean up days at the spot for several years and we are



seeing the amazing results from all the hard work by Hawthorn members and volunteers from the Master Naturalist program. The last two Fridays a dedicated crew has cut down and removed many loads of invasives including Japanese honeysuckle and Bradford pears. It was a real victory to remove the massive mother tree of honeysuckle that had three or four thick trunks. There are a couple parking spots on the east end by a bench near a sign identifying the spot. There is additional parking available at the back on the west end of the Adopt-A-Spot. There is currently no sign on the west side, but we are hoping to add another sign in the future to let people know these are native plants. As flowers ripen into seeds, you are welcome [encouraged!] to collect from this garden for your own.

Cindy: happy to rid us of 'the monster mother'. *EV photo*

Elena's Share About Mosey at Ann Wakeman's



We had a large turnout on a beautiful day for our mosey at Ann Wakeman's on 23 September. Ann [in turquoise shirt. *EV photo*] led us on a tour of her property explaining that she and her husband bought the property in 1985 and have been adding native plants since 1986. We had monarchs and other butterflies flitting overhead as we admired about eleven acres of native plants.

We saw an abundance of milkweed, purple coneflowers, Closed Bottle Gentian, Penstemon, New England aster, and numerous other species. We had a youngster join us who enjoyed getting to explore the creek. He found a small frog and returned it to the creek after letting us all admire it.

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.

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!

If there is anything different you want to participate in, please give us ideas for new activities.



Left & Center
Gentian puberula
EB photos
R *Gentian andrewsii* EV photo

Ann was very generous allowing us to pick mature seeds to spread the joy of native plants. We had the opportunity to catch an oriental mantis [*in photo EB*] We learned how detrimental they are and several ways



to dispose of them.

A big thank you to Ann Wakeman!

After the mosey several of us had a delightful lunch at Bek's in Fulton, Missouri. Please join us for our next mosey.



Ann's appreciation:

Thank you Becky for asking me to host this tour. I've been in lockdown mode too long. It was wonderful to feel connected to others with the same passion.

Thank you everyone who took the time to come out to see our little prairie/savannah planting. I was pleasantly surprised to feel the enthusiasm of everyone in attendance. There are still people who are willing to embrace using native plants in their landscaping. It was great to see a youngster who gets into nature. Great job Mom for encouraging the 'ick' in this youngster. We need more citizen scientists!



Above L: *Symphyotrichum novaeangliae*. R: *Silene regia* [both EV photos]

Elena Noticed Ladies' Tresses Orchids

The weather in 2023 with its heavy spring rains and later drought in Mid-Missouri has apparently been perfect for the native Ladies' tresses orchid or maybe it's simply that it was too dry to mow, which gave the orchids the chance to thrive and bloom. Numerous people have reported seeing them in their yards or in local nature areas where they have never been seen before. A found a cluster of them under a large stand of old oak, walnut, and hickory nut trees in her front lawn in late August. [Missouri Department of Conservation's website](#) explains that there are several ladies' tresses species native to Missouri that bloom from August to November including Slender ladies' tresses (*Spiranthes lacera*), Little ladies' tresses (*S. tuberosa*), Nodding ladies' tresses (*S. cernua*), Great Plains ladies' tresses (*S. magnicamporum*), and Oval ladies' tresses (*S. ovalis*). You can also copy these names to paste in your internet search box for many photos.

Rain Barrel

available from Becky.

In mid-August, I came across an opportunity to offer local members an exceptional deal on rain water collection. Brand new clean pretty blue barrels with clamp lids for only \$20. You can get kits in most hardware stores for \$20-40. This is about half of a ready-made barrel.

I still have one that was not picked up. Please come get it and bring a \$20 bill. While you are here I still have plugs of 12 species for \$1 each and you can collect some seeds from my yard. Reply by email and send me your phone#. Mine has been posted on page 1 for 17 years.

ALERT: Invasive Japanese Stiltgrass (*Microstegium vimineum*) in Columbia

Compiled by Cheryl-Ann Hardy

Japanese stiltgrass was recently confirmed by the City to be growing alongside Scott's Branch creek at the Audubon and Bonnieview Nature Sanctuaries in Columbia.

Japanese stiltgrass is listed as the **3rd worst invasive** (bush honeysuckle is 4th!) for our region of Missouri. You can help keep this highly invasive plant from spreading through identification and early reporting. The good news is that the early detection of the infestation in the Scott's Branch area make it possible for the City to plan on its eradication soon by hand pulling.

Bugwood has an excellent field guide to identify Japanese stilt grass and other grasses with which it may be confused (see final page of this document for a quick visual summary). However, the main features include: silvery, off-center midrib on the leaves, leaves well-spaced along the stem, delicate flower stalks with 1-3 spikes, thin weak root system (pulls easily), stilt roots, and multiple sprawling stems.

Enjoying Life on *Cirsium altissima*

Text and photos submitted by Veronica

Becky gave me 1 tall thistle plant about 3 years ago. Well, as Nature has her way, we have several tall thistles in the backyard this year, descendants of the one tall thistle; they are 10 to 12 feet tall. We have a back porch that looks down into the backyard so we can view the plants from above.



Taylor and I have been enjoying the tall thistles in the backyard for about a month now. The attached photo is of a Monarch at a tall thistle flower taken yesterday. There were at least 5 Monarchs yesterday and at least 4 today at the tall thistles. About 10 days ago we had about a dozen Monarchs. The Monarchs land right on the flowers and float from flower to flower. The swallowtails don't land on the flowers but hover at the flower, as hummingbirds do. And the number of other insects is incredible: bees and wasps are the most obvious. The bees just dive right into the flowers and in the evening they choose a flower and cling to it for the night.

We have been doing our best to cut off the flower heads after they are done flowering, however, once the American

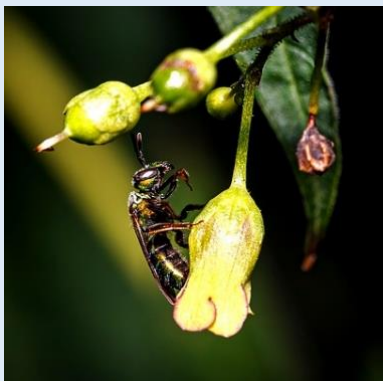
Goldfinches found the plants, they started coming and tearing the flower heads apart right after they were done flowering. I know they use the thistle down for the nests and the hatchlings are fed the seeds.

Of course, the hummingbirds feed at the thistle flowers also. When I get too close to the feeder, the hummers go directly to the thistle flowers, any that don't already have a visitor. Needless to say, we really enjoy the backyard entertainment and are astounded by the amount of visitors the tall thistles bring to our yard.

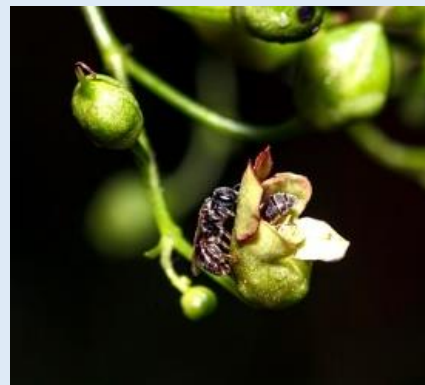


Emily's Observations on *Scrophularia marilandica*

Text and photos submitted by Emily



All through September, I have been watching and studying the native Late figwort *Scrophularia marilandica* in my yard and amazed at all the wildlife it brings. These plants are sculptural in nature with 4-6' stalks



of tiny & insignificant yellow and red blooms.

When the buds open, they are dripping with nectar, attracting an assortment of native bees, flies, wasps, and the occasional crab spider hanging out for a protein meal. I have noticed the tiny sweat bees jockeying for position to feed on the nectar and happened to capture this shot of the 2 bees taking turns for a drink.

I have observed several native bees nectaring on this sculptural plant, some so tiny, if you blink, you'll miss them. I believe I identified *Augochlorella* sp. and *Lasioglossum* subgenus *Dialictus*. In addition, there are several bumble bees, fraternal potter wasps and syrphid flies. It is almost October, and this plant is still blooming prolifically while parts of it are going to seed. It may have an unassuming weedy appearance, but I have worked it into my garden because I love to see it teaming with life.

MPF Calendar

Copied from MPF newsletter late September:

[Ed note: you could receive the MPF newsletter on time and with many pretty photos if you sign up for it on their website.]

Just as the last vestiges of summer's kaleidoscope of colors fade, fall sweeps in with its palette of deep golds and warm earth and sky tones to magnificently paint the tallgrass prairie one more time before winter creeps in. If you can, make time to enjoy the native grasses and wildflowers that create these special prairie hues before they're gone for the year. Take a solo hike on an [MPF prairie](#), join us as we dedicate MPF's Benton County Prairie on October 7 during MPF's annual [Evening on the Prairie](#), come along for a [virtual hike of MPF's Golden Prairie](#) September 27, or explore the closest prairie to you using the Missouri Department of Conservation's [interactive prairie map](#).

We look forward to seeing you October 7, and hope you will enjoy our many other upcoming events and news below:

- MPF Team Brings "Prairie to the People" at many events on September 16
- October 7: Register for [Evening on the Prairie](#) through September 28
- September 27: [Missouri Prairie Foundation Webinar: Take a \(Virtual\) Hike on the Prairie-Fall Edition](#) with Bruce Schuette
- September 28: [MPF Native Plant Sale](#)
- October 11: [Grow Native! Webinar: Dicamba and 2,4-D: Old Herbicides Causing New Problems](#)
- MPF Donates Books to St. Louis Library
- [2024 MPF Prairie Garden Grant Application Period Open](#)
- October 27: [FINCA Festival at Lincoln University](#)
- [MSECC Charitable Giving](#) through October 31
- November 8: [Grow Native! Professional Member Conference](#) Registration Open
- [MPF/Grow Native! LACES](#): Grasses and Sedges with Shannon Currey and Soft Landings with Paula Diaz

Retrieved 6 Aug '23; original pub: NYTimes, Talk 29 Jan '23

[Interview with Robin Wall Kimmerer:](#)

You Don't Have to Be Complicit in Our Culture of Destruction

By David Marchese. Photo illustration by Bráulio Amado

Introduction: "People feel a kind of longing for a belonging to the natural world," says the author and scientist Robin Wall Kimmerer. "It's related to, I think, some of the dead ends that we have created for ourselves that don't have a lot of meaning." In part to share a potential source of meaning, Kimmerer, who is a member of the Citizen Potawatomi Nation and a professor at the State University of New York's College of Environmental Science and Forestry, published her essay collection, "Braiding Sweetgrass: Indigenous Wisdom, Scientific Knowledge, and the Teachings of Plants." That book, which was put out by Milkweed Editions, a small Minnesota nonprofit press, and which this year

celebrates its 10th anniversary, has more than done its job. "Braiding Sweetgrass" has now been a year's-long presence on best-seller lists, with more than 1.4 million copies in print across various formats, and its success has allowed Milkweed to double in size. Given the urgency of climate change, it's very unlikely that the appetite for the book's message of ecological care and reciprocity will diminish anytime soon. "As we've learned," says Kimmerer, who is 69, "there are lots of us who think this way." Read the whole interview. [Ed note: you can help her efforts by buying her book on line. If you truly cannot afford it, or have ethical issues about tree paper, the e-book is available.]

What do you know about bees?

A few facts might spring to mind: They make honey. They live in hives. They have a queen. Right? Not always! That may describe the European honeybee -- arguably the world's most famous bee.

But most bees in the United States live very different lives than you may have heard.


Here are five surprising things to know about wild bees:




FACT #1: There are thousands of them!



Roughly 4,000 different bee species are native to the U.S., and they come in all different shapes and sizes. The tiny yellow *Perdita minima* is the world's smallest bee at just 2 millimeters (about the size of the point of a crayon), while the carpenter bee grows to the size of a grape.¹



FACT #2: They like to shake their booties.




Honeybees get most of the hype for their waggle dance, but bumblebees vibrate their bodies to shake pollen loose in a process called "buzz pollination." Tomatoes, potatoes, eggplants and more require buzz pollination to produce fruit -- and honeybees just aren't up to the task!²



FACT #3: They don't all hail the queen.




Just 9% of all bee species are social like honeybees. These bees share a nest, hold specialized jobs, and are headed by a queen bee. But they're more of an exception -- more than 75% of all bee species are solitary. A solitary female bee builds and defends her nest, lays her eggs, and gathers nectar and pollen all on her own, without help from any other bee.³



FACT #4: They don't make honey ... and they don't all eat nectar.

Bumblebees can make small batches of a honey-like substance, and the cellophane bee brews a beer-like beverage from fermented pollen and agave nectar, but no native bee produces the kind of honey that we eat. And not all bees limit their diet to nectar and pollen, either -- some eat flower oil, and the sweat bee actually drinks human sweat.^{4,5}



FACT #5: They face extinction.

Wild bees may be wildly diverse, but they all deal with the same threats: climate change, habitat loss, and the widespread use of bee-killing pesticides. Many wild bee species are endangered, including the rusty patched bumblebee.⁶

And here's one more fact: Your support of Xerces Society, Environment America, Friends of the Earth, Center for Biological Diversity, Earth Justice, Environmental Working Group and a dozen other not-for-profit gives teams of researchers, advocates and organizers the resources we need to win protections for all bees.

Together, we're calling on major corporations to stop selling the pesticides that are killing bees, we're urging lawmakers to expand bee-friendly habitat, and we're providing the public with tips and guides to help us all do our part to make the world a little more welcoming to bees.

1. "[How many species of native bees are in the United States?](#)," U.S. Geological Survey, last accessed September 5, 2023.
2. Lisa Marie Potter, "[WATCH: The Secret Buzz Only Bumblebees Know To Unlock Our Favorite Crops](#)," NPR, July 19, 2016.
3. "[Bee-Bavior](#)," Museum of the Earth, last accessed September 5, 2023.
4. Benji Jones, "[Honey bees are not in peril. These bees are.](#)," Vox, January 19, 2023.
5. Roy Rivenburg, "[Researcher reveals the secret life of bumble bees](#)," Phys.org, August 31, 2023.
6. Michael Greshko, "[First U.S. Bumblebee Officially Listed as Endangered](#)," National Geographic, March 22, 2017.

Topics for This Years' Petal Pusher

the state MONPS newsletter

Petal Pusher Topics for 2023

Due date Pub Date Theme Contributors

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 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 [presently vacant], 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 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