



# Missouri Native Plant Society Hawthorn Chapter Newsletter

Volume 35, Number 1  
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The Hawthorn Chapter of the Missouri Native Plant Society Newsletter is published monthly. Send submissions by the 26<sup>th</sup> of every month to:

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We would like to read about announcements, impressions, species accounts, photos, poems, links to scientific articles or other creative nature writing **from you, too**. Please submit during the second half of every month.

This is the 35th year Hawthorn has supplied a newsletter to chapter members.

Thanks to Doug Miller for keeping the chapter website up to date.

January 2020

## Future Activities Calendar

No meeting in January.

**16 Jan Thurs 11:30 to 1pm: Lunch** at RagTag/Uprise. Just south of Broadway at 10 Hitt Street.

**25 Jan Sat, 2pm:** Regal Fritillary at Boone Electric Community Room, Columbia, MO, with Chris Newbold and Jerod Huebner. Sponsored by MPF and GN. Free but must register; see below.

**1 Feb Sat, 1pm: Moss presentation** by Louise at Laura's House, 7900 Cave Creek Rd. Columbia Phone: 573-442-3703, Cell: 573-397-1010. See article p4.

**10 Feb Mon 6:30pm, Membership Meeting** at Unitarian Universalist Church, 2615 Shepard Blvd, Columbia. Malissa Briggler, the MDC state botanist will be our program speaker.

**20 Feb Thurs 11:30 to 1pm: Lunch** at RagTag/Uprise. Just south of Broadway at 10 Hitt Street.

**9 March Mon 6:30pm: Membership Meeting** at Unitarian Universalist Church, 2615 Shepard Blvd, Columbia. Program TBA.

## Announcements

### Lunch at RagTag Thurs 16 Jan

Meet our group for lunch 11:30 at RagTag/Uprise, 10 Hitt St [Just south of Broadway]. We had a group of 12 members converge for good food and good conversation in Dec.



Join us for a free presentation on the **prairie-obligate regal fritillary butterfly** at 2:00 p.m. in the Community Room at the Boone Electric Cooperative building at 1413 Rangeline, Columbia, MO. Missouri Department of Conservation Natural History Biologist Chris Newbold and MPF Director of Prairie Management Jerod Heubner will present about their work to survey this beautiful insect—a Missouri species of conservation concern that depends on original prairie for its survival. Chris and Jerod will also share information about their efforts to gather seed and propagate the regal's prairie violet host plants. **Free, but registration is required.** Register by signing in or call 888-843-6739. Space is limited

[Photo credit: Bruce Schuette]

[https://www.moprairie.org/SharedContent/Events/Event\\_Display.aspx?EventKey=8e5597ea-d5bd-4f0b-b498-647fe0bd731d&WebsiteKey=90fc5c2a-7f19-4c3c-8228-657c2f113a03](https://www.moprairie.org/SharedContent/Events/Event_Display.aspx?EventKey=8e5597ea-d5bd-4f0b-b498-647fe0bd731d&WebsiteKey=90fc5c2a-7f19-4c3c-8228-657c2f113a03)



### Meetings are the second Monday:

**10 Feb meeting will open with a program by MDC Botanist Malissa Briggler.**



The editor wants to thank Louise and Cristina for their submissions this month. We all enjoy reading personal articles about your experiences and new knowledge about nature.

# Give Thanks for Quiet Places

Reprint from the Trust for Public Lands newsletter 19 Dec 2019 :

[https://www.tpl.org/blog/simple-power-listening-nature?utm\\_source=dec\\_eneews&utm\\_medium=email&utm\\_campaign=enews&utm\\_content=gusty-island](https://www.tpl.org/blog/simple-power-listening-nature?utm_source=dec_eneews&utm_medium=email&utm_campaign=enews&utm_content=gusty-island)

In the Boundary Waters Canoe Area Wilderness, life moves only as fast as you can paddle your boat. Across 17,000 square miles of northern Minnesota, you won't find a store, a cell phone tower, or even a road—just a vast maze of lakes and forests, a wild wonderland that draws millions of paddlers every year.

Wild was how it was back in Sigurd Olson's day, and that's how he wanted it to stay. One of the 20<sup>th</sup> century's most influential conservationists, Olson co-authored the 1964 Wilderness Act, had a hand in creating national parks like North Cascades and the Everglades, and wrote nine bestselling books about the importance of spending time in nature [Song of the North, Spirit of the North, Reflections from the North Country, Wilderness Days, The Hidden Forest, Open Horizons, Listening Point, The Lonely Land, The Singing Wilderness, and several others]. For all his many victories, Olson is perhaps best known for his work to protect the Boundary Waters from logging, mining, and development.



*Photo credit: Courtesy of the Olson family*

Olson's career as an activist and philosopher had him on the road a lot. As adviser to the Secretary of the Interior, he even had an office in Washington, DC. But he always returned to his home in Ely, Minnesota, a small town on the very edge of the Boundary Waters. There, in a rustic retreat on the shores of Burntside Lake, he found the

peace and inspiration to write about how spending time in the wilderness is important for the human spirit.

Olson called his retreat Listening Point, because "listening was central to his wilderness philosophy," says Steffi O'Brien. She's executive director of the Listening Point Foundation, dedicated to carrying Olson's legacy forward. "Sig had a strong belief in the power of sitting still, slowing down, and finding a place where you can connect with wilderness and contemplate the universe." Today, the foundation maintains Listening Point as it was in Olson's day, welcoming hundreds of visitors a year who are inspired by his work.

Editor's note: If you read through this and scoffed something about 'OK. Good for him. So what?' you missed the point. For years I have published paragraphs suggesting the reader drive off the highway, walk off the trail. Sit and listen for at least 5 minutes; or more if you can forget about time. Watch for movement in the leaves on the ground and in the treetops. Identify what you see, hear, and feel. Smell the earth from standing; then get on your knees and put your face near the earth. Inhale and let your mind clear. I'm hoping that you now realize an influential naturalist wrote about this practice many times over. I'm hoping you might be inspired to practice this kind of meditation. "Go my Sons, burn your books. Buy yourself stout shoes. Get away to the mountains, the valleys, the shores of the seas, the deserts, and the deepest recesses of the Earth. In this way and no other will you find true knowledge of things and their properties." Peter Severinus, 16th. century Dane educator.

# Nuggets of Gold Links

**The Missouri Invasive Plant Task Force (MoIP)** is a resource of Grow Native!—a 19-year-old native plant marketing and education program serving the lower Midwest. For more information about MoIP, visit [www.moinvasives.org](http://www.moinvasives.org)

## Does education influence wildlife friendly landscaping preferences?

Your reading the abstract and discussion gives you the full picture. From abstract: Our findings suggest that residential support for native plant landscaping is higher than is reflected by typical residential landscaping practices, and that dissemination of information regarding the benefits of native plant landscaping to birds could alter public preferences for native plant landscaping.

### Talk to your neighbors!

<https://drive.google.com/file/d/0B9x5Ahn-zXr7SC1JeXkzUDctYzJ6SGdmUjhYbWluNUZUU29r/view?ts=5d11801d>

### **Native Plant Conservation Campaign:**

<https://plantsocieties.cnps.org/index.php> feature native plant societies all over USA.

**The Nature Conservancy [TNC] has announced podcasts available on line, "Destination Nature".**

[https://www.nature.org/en-us/what-we-do/our-priorities/protect-water-and-land/land-and-water-stories/destination-nature/?src=e.gp.eg.x.pod.LC.loc\\_b&lu=4439630&autologin=true](https://www.nature.org/en-us/what-we-do/our-priorities/protect-water-and-land/land-and-water-stories/destination-nature/?src=e.gp.eg.x.pod.LC.loc_b&lu=4439630&autologin=true)

**Milwaukee Journal-Sentinel Micro prairies: No yard is too small to go with earth-friendly native plants**  
<https://www.jsonline.com/story/life/home-garden/garden/2018/05/25/turn-your-yard-into-micro-prairie-native-plants/607727002/?fbclid=IwAR1LHvKmDDGYfbxuD0LcuP2h10JftDydAtGEe7OFliWlhgK3Y-IBKCgQHK0>

**Wading Right In: Discovering the Nature of Wetlands, Koning, Ashworth - press.uchicago.edu**

"Wading Right In explores the wondrous nature of wetlands through the rich and personal stories of scores of wetland scientists. Written for a lay reader, Koning and Ashworth's engaging prose is packed with information regarding the incredible diversity and amazing adaptations of wetland species."

### **Center for Plant Conservation:**

<https://saveplants.org/> features best practices for saving endangered plants.

## Cristina Talks Bears

[Photos from MDC website]



At the meeting on 10 Dec 2019, Cristina Macklem, Assistant Furbearer Biologist at the MDC, gave a presentation about black bears in Missouri. She discussed how black bears, which were once abundant throughout the state, were hunted to extinction in the state by the 1950s. Subsequent reintroduction programs in Arkansas have led to a growing population of black bears and human-black bear interactions in Missouri.

A decade's long research project to understand black bear

reproduction, survival, and habitat use in Missouri estimates between 540 and 840 bears in the state with an annual population growth rate of 9%. The study identified suitable habitats for black bears in Missouri, potential movement corridors for range expansion, and areas to target outreach and education efforts such as the MDC's **Be Bear Aware Program** <https://nature.mdc.mo.gov/discover-nature/general-species-information/be-bear-aware> .

This program highlights the importance of removing any human-associated food attractants from your property, alerting bears to your presence when outdoors, and interacting and recreating in areas with black bears.



## Seeds for 100Acre Woods

I really want to thank those who have turned in large quantities of wildflower seed for seeding 100 Acre Woods this winter.

John has had some frustration with finding a day dry enough to burn the meadow he wants to seed. We got a mosaic burned 26 Dec because it was awfully humid.

We agreed seed must be broadcast in mid Jan. It would be helpful to have several extra hands to broadcast seed. Please email or phone Becky [see masthead] if you are willing to be put on a list to help. There will be short notice due to weather. I will send directions and time to those who sign up.

## Restoring the American elm:

[https://blog.nature.org/science/2019/09/11/recover-y-restoring-the-floodplain-forest/?src=e.cgs.eg.x.loc\\_b&lu=4439630&autologin=true](https://blog.nature.org/science/2019/09/11/recover-y-restoring-the-floodplain-forest/?src=e.cgs.eg.x.loc_b&lu=4439630&autologin=true)

**Smithsonian** study backs all of Tallamy's work on birds:

<https://nationalzoo.si.edu/news/new-smithsonian-study-links-declines-suburban-backyard-birds-presence-nonnative-plants>

[Greta Thunberg Rips World Leaders at the U.N. Over Climate Change:](#)

**National Science Foundation** – Native plants needed to support bee populations essential for our food supply:

[https://nsf.gov/discoveries/disc\\_summ.jsp?cntn\\_id=295868](https://nsf.gov/discoveries/disc_summ.jsp?cntn_id=295868)

**TNC on native bees.** Fabulous large photos:

[https://blog.nature.org/science/2019/08/19/focus-on-native-bees-not-honey-bees/?src=e.cgs.eg.x.loc\\_b&lu=4439630&autologin=true](https://blog.nature.org/science/2019/08/19/focus-on-native-bees-not-honey-bees/?src=e.cgs.eg.x.loc_b&lu=4439630&autologin=true)

**German Centre for Integrative Biodiversity Research** Plant diversity increases insect diversity:

[https://www.idiv.de/en/news/news\\_single\\_view/1496.html](https://www.idiv.de/en/news/news_single_view/1496.html)

Newsweek:**Monarchs101**:<https://www.newsweek.com/monarch-butterflies-extinct-1302838>

For those who admired Rick Darke's Pennsylvania garden in the book [Living Landscape](#) by Darke and Doug Tallamy, Garden Design magazine has a feature on his garden this month: [https://www.gardendesign.com/pennsylvania/sustainable-strolling.html?utm\\_source=article-newsletter&utm\\_medium=email&utm\\_campaign=Sustainable-Strolling-Garden-9-26-19](https://www.gardendesign.com/pennsylvania/sustainable-strolling.html?utm_source=article-newsletter&utm_medium=email&utm_campaign=Sustainable-Strolling-Garden-9-26-19)

Refer to past editions of our newsletter for other important resource links.

**Hawthorn website** [www.columbianativeplants.org](http://www.columbianativeplants.org)  
**MONPS website** [www.monativeplantsociety.org](http://www.monativeplantsociety.org)



[Reprinted by permission:]

**Mid Missouri Wild Ones wants to invite any interested persons to get together for an afternoon of socializing, information about Wild Ones, and a free presentation on moss and moss gardens.**

Space here for your article and photo . . .

**Date: Saturday, February 1, 2020. Time: 1:00 p.m.**

**Place: Laura Hillman's House, 7900 Cave Creek Rd. Columbia.**

Phone: 573-442-3703, Cell: 573-397-1010

Mid Missouri Wild Ones is the local chapter of the National Wild Ones organization. The local chapter was started in response to the increased interest in native plants and to help people transition from traditional gardening to native plant gardens. At this time, Mid Missouri chapter maintains three urban demonstration gardens and part of an urban prairie restoration. In addition we have staffed booths at the Bradford Farm Native Plant Sale and Earth Day in Columbia, and offered some garden tours. For the past several years we have had a special focus on monarch butterflies. We don't collect dues, nor do we fund raise. Membership is through the national organization at [wildones.org](http://wildones.org). Our chapter website is [midmissouri.wildones.org](http://midmissouri.wildones.org). Most of our activities are currently in the Columbia area.

**We are interested in attracting new members and nurturing current members.** To this end we would like to have you and any interested persons you know to come to a meeting to **discuss possible activities for the upcoming year.**



[BE photo]

The meeting will also include a **presentation on mosses and moss gardening.** This is an excellent time of year to appreciate the beauty of moss. Several years ago the Wild Ones Journal ran an article on Moss Gardening featuring the book, *The Magical World of Moss Gardening* by Annie Martin. The article inspired Louise Flenner to pursue a moss garden in her own yard and initiated a passion for learning more about moss and appreciating its beauty in the native landscape. She will present on the highlights of what she has learned and introduce participants to the life cycle of mosses, use of loupes and microscopes for identification, how to start your own herbarium and an introduction to creating a moss garden.

The **presentation will take about an hour** and will be followed by **socialization, information exchange regarding Wild Ones,** and, of course, **snacks.** You don't need to register, but a reply to this email will give us an idea of how many to expect. Please feel free to come even if you don't respond.

We hope you can join us - Louise, Laura, and Lea

## News from Stateside

Submitted by Becky Erickson Hawthorn Secretary

I attended the MONPS state planning meeting 7 December held at the MDC Central Region office in Columbia. These are my notes.

Treasurer gave a report, but I think this information is not appropriate for publication.

Membership: 372 total for state. This number has been fairly stable for many years. 15 new members since the September meeting

Chapters

StL	96
Hawthorn	94 [4 new]
Paradoxa	37
KC	36

4 other chapters 109

Pam Barnabee of Paradoxa chapter [Rolla] volunteered to be state secretary.

Jerry Barnabee is willing to post chapter calendars on the state website.

Suggested Themes for future Petal Pushers:

Plant ID tricks = how to tell this from that in the field

Soft mast/fruit

Oaks

Host plants for butterflies

Roots and mycorrhiza

Names: common and scientific

Ecoregions and their plant communities

Invasive plants and control

PP articles need to be submitted BEFORE the 20<sup>th</sup> of even months to Michelle Bowe [see PP masthead]

Should MONPS have a full web page dedicated to invasive species identification and control? GrowNative, MDC, and Shaw Nature Gardens have extensive pages. Maybe have a column on one plant per issue and refer readers to the other sites. Tabled until Spring meeting.

Discussion on new items for sale:

Decided it was a good idea to find a company on line who prints items 'on demand'. Pam Barnabee will do research on line. Paul Nelson has agreed to allow us to reprint the orchid design. Three artists in the Hawthorn chapter were asked for a donation so there will be artwork to choose from.

State Field Trips

1-3 May: motel in Bolivar; Bona Glade, Flat Rock Glade, and other glades in west central MO.

12-14 June: motel in KC; Jerry Smith Prairie, Snowball Hill Prairie, Fishkill Prairie, Anderson Prairie. All excellent prairie islands.

25-27 September: ~~Current River SP has a lodge. Organizer must get a date when we can rent the whole lodge.~~ Changed to Eminence. Visit springs in the area.

5 December: planning meeting at MDC office in Columbia.

## Please Step Forward For Service

Please contact one of the officers ready 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, and we need people to man our information booth at events such as Earth Day and Bradford Plant Sale. There are opportunities to volunteer caring for native gardens in public places. We don't deliver printed copies by mail unless you insist. Please consider requesting email delivery; it saves us money for the Grant Program.

\_\_\_ Regular (\$16.00)\*

\_\_\_ Student (\$11.00)

\_\_\_ Contributing (\$26.00)\* designate chapter or state

\_\_\_ Paper postal service (\$10)

\_\_\_ State Lifetime (\$200) Might be raised for 2020

\_\_\_ Chapter Lifetime (\$120 – you must also be a member of the state organization to utilize this option)

\_\_\_ Chapter only (\$6.00 – this is for members who already belong to State and another chapter).

\*Includes both Chapter (\$6) and State (\$10) dues.

Make check payable to:

**Native Plant Society. Send check and this form to: Paula Peters, 2216 Grace Ellen Dr., Columbia, MO 65202**

## MEMBERSHIP FORM

### Missouri Native Plant Society- Hawthorn Chapter

**July 1 through June 30. Dues are Due NOW!**

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone: Evening \_\_\_\_\_

Day or Cell \_\_\_\_\_

Email: \_\_\_\_\_

Method of receiving chapter newsletter:

(circle preference)

**Email**

**Regular mail**

**As of July 2018, Petal Pusher printed on paper in grayscale, sent by post, will cost an additional \$10 more than standard membership. Email delivery brings you color photos, and instant delivery. It saves natural resources, pollution, and MONPS and your money.**