



March – April 2018 NEWSLETTER OF THE MISSOURI NATIVE PLANT SOCIETY Volume 33 No.2

“ . . . to promote the enjoyment, preservation, conservation, restoration, and study of the flora native to Missouri. ”

ANNOUNCEMENTS

EVERYONE IS INVITED TO SPRING FIELD TRIPS IN ILLINOIS!

Organized by Dana Thomas Vice President

We're excited to announce that we're heading to southern Illinois for the 2018 spring trip, with excursions led by Illinois plant expert, Christopher David Benda, aka the Illinois Botanizer! We hope you can join us on **April 27-29, 2018**. Keep an eye on the [MONPS Website](#) as details develop, or follow our [Facebook Event Page](#) to see the same information in an interactive format.

The trips will be based out of Marion, Illinois, and will take us to a variety of amazing sites including LaRue Pine Hills Research Natural Area, Trail of Tears State Forest, Camp Ondessonk, Bell Smith Springs and Burden Falls in Shawnee National Forest, Cave Creek Glade Nature Preserve and Heron Pond Preserve. Our Friday evening presentation and Saturday evening board meeting location will be held at John A. Logan College near Marion, IL. Friday evening's featured presentation is "Natural Areas of Southern Illinois". by Chris Benda

2018 SPRING FIELD TRIP SCHEDULE

Friday, April 27th

1:00-5:00 p.m. - Early Bird Field Trip to LaRue Pine Hills

Research Natural Area and Trail of Tears State Forest.

Meet at LaRue Pine Hills at 1:00pm

Parking area GPS: 37°32'43.8"N 89°26'21.9"W or 37.545490, -89.439410

Directions to LaRue Pine Hills Research Natural Area:

FROM THE NORTH:

Navigate to Chester, IL follow IL-3 south for 38.0 mi. After you cross the Big Muddy River, watch for LaRue Road left (not Galilee Rd to the right). Turn left; continue 1.3 mi. Park along road.

FROM THE SOUTH:

Navigate to Wolf Lake, IL. Follow IL-3 north 3.0 mi. Turn right onto Larue Rd (not Galilee Rd to the left); continue 1.3 mi. Park along road.

We will caravan to Trail of Tears after we finish at Larue Pine Hills.

7:00 p.m. – Evening Presentation at John A. Logan College –

Carterville Campus. Natural Areas of Southern Illinois –

Presented by Christopher David Benda, aka the Illinois Botanizer

GPS: 37°44'44.7"N 89°05'19.8"W or 37.745750, -89.088831

Address: 700 Logan College Dr, Carterville, IL 62918

*Meeting will be held in the Mees Village Centre, in the Harrison-Bruce Historical Village on campus. See [Campus Map](#) for details.

From Comfort INN:

South on Black Diamond Dr to 17th St	449 ft
Right on 17th St	377 ft
Left on Williamson County Pkwy	0.1 mi
Right on IL-13 W/W Deyoung St	6.9 mi
Right on S Greenbriar Rd	0.2 mi

Get in the right turn lane & turn right onto Logan College Drive around big curve to the right/south. Road turns into John A. Logan Road. Watch for a large parking lot on the left. Park on the south end of this lot, and proceed on foot, southeast across John A.

Logan Road, to the Harrison-Bruce Historical Village. The Mees Village Centre = large building SE end of the Historical Village.

Saturday, April 28th

8:00 a.m. – Morning Field Trip – Camp Ondessonk.

Carpool from Comfort Inn 8:00am. Or meet the group at Camp Ondessonk at approximately 8:40am. 3760 Ondessonk Rd, Ozark, IL

Parking area GPS: 37°31'06.4"N 88°45'15.4"W or 37.518430, -88.754270

Directions: Camp Ondessonk from Comfort Inn, Marion, IL:

South on Black Diamond Dr toward 17th St	449 ft
Left on 17th St/The Hill Ave	0.6 mi
Take the ramp onto I-57 S	0.3 mi
Merge onto I-57 S	8.9 mi
Take exit 44 for I-24 E toward Nashville	1.3 mi
Continue onto I-24 E	5.7 mi
Take Exit 7: Tunnel Hill Road toward Goreville	0.3 mi
Left onto Tunnel Hill Rd	6.7 mi
Left onto US-45 N	3.9 mi
Right onto Ozark Road	0.6 mi
Right onto Ondessonk Rd	1.8 mi

11:45 p.m. – Field Lunch –PLEASE PACK A FIELD LUNCH, plenty of water, blanket/lawn chairs for picnic lunch at Camp Ondessonk. A small restaurant, Ozark General Store, is about 5 minutes from Camp Ondessonk. Next stop after lunch: Bell Smith Springs and Burden Falls.

1:00 p.m. –Afternoon Field Trip – Bell Smith Springs and Burden Falls in Shawnee National Forest. Caravan from Camp Ondessonk to Bell Springs, then Burden Falls approx. 1:00pm. Directions below are to Bell Smith Springs. We will caravan to Burden Falls from there, so no directions to Burden Falls.

GPS of Parking Area at Bell Springs: 37°31'09.5"N 88°39'26.6"W or 37.519300, -88.657400

Directions to the Bell Smith Springs from Camp Ondessonk:

North on Ondessonk Rd toward Ozark Road	1.8 mi
Right onto Ozark Road	1.4 mi
Slight right to stay on Ozark Road	2.6 mi
Left to stay on Ozark Road	5.4 mi
Right toward Bell Smith Springs Rd	0.1 mi
Continue onto Bell Smith Springs Rd	1.7 mi

7:00 p.m. – MONPS Board Meeting at John A. Logan College – Carterville Campus.

GPS: 37°44'44.7"N 89°05'19.8"W or 37.745750, -89.088831

Address: 700 Logan College Dr, Carterville, IL 62918 (see Friday evening directions above)

Sunday, April 29th

8:00 a.m. – Morning Field Trip – Cave Creek Glade Nature Preserve and Heron Pond Preserve.

Meet at Comfort Inn parking lot at 8:00 a.m. to carpool/caravan. Or meet the group at Cave Creek Glade at approximately 8:30am. We will caravan to Heron Pond Preserve after we finish at Cave Creek Glade.

Parking area GPS for Cave Creek Glade: 37°21'27.6"N 88°53'10.7"W 37.357670, -88.886300

Directions to Cave Creek Glade from Marion, IL:

South on Black Diamond Dr toward 17th St 449 ft

Left onto 17th St/The Hill Ave 0.6 mi

Take the ramp onto I-57 S; proceed 9.1 mi

Take Exit 44 for I-24 E toward Nashville 1.3 mi

Continue onto I-24 E 12.2 mi

Take Exit 14 for US-45 toward Vienna 0.4 mi

Right onto US-45 S 6.2 mi



FIELD TRIPS LATER THIS YEAR

Everyone is always welcome to mosey around prairies and woodlands with some of our area's best botanists; no experience necessary.

SUMMER: June 8-10, 2018. ROLLA, MO - Possible Sites: Solomon Hollow, Western Star Flatwoods, Clifty Creek CA, Spring Creek Gap CA, Woodson K. Woods Memorial CA, Beaver Creek CA, Bohigian CA, "Big Sink", St. James City Park glades.

FALL: September 14-16, 2018. SEDALIA, MO - Possible Sites: Paintbrush Prairie, Goodnight-Henry Prairie, Gayfeather Prairie, Marker Prairie, Drovers Prairie, and others.

WINTER: December 1, 2018. COLUMBIA, MO- Winter Board Meeting is booked at the MDC Regional office in Columbia no field trips associated with this meeting



We are a Dues Paying Organization

If you appreciate information from our Facebook site, please consider paying for a membership.

The cost is VERY LOW.

If annual renewal is becoming a nuisance, please consider a Lifetime Membership.

We value our members in the hopes that they will teach what they have been taught, and urge you to keep your membership current by renewing every year in June/July.

LODGING:

Since there are many hotel options in Marion, we did not reserve a block of rooms at a specific hotel for this trip.

However, make your room reservations as soon as possible in case hotels fill up or rates go up! Some options are listed below, with estimated April 27-28 rates (without tax) shown. You may find lower prices by booking online. You can find many additional hotel options online as well.

Comfort Inn [\[MAP\]](#) \$97.00

2403 Black Diamond Dr, Marion, IL 62959

(618) 993-0183

Baymont Inn and Suites Marion [\[MAP\]](#) \$99.99

2608 W Main St, Marion, IL 62959

(618) 997-9133

Best Western Plus Marion Hotel [\[MAP\]](#) \$75.00

400 Comfort Dr, Marion, IL 62959

(618) 998-1220

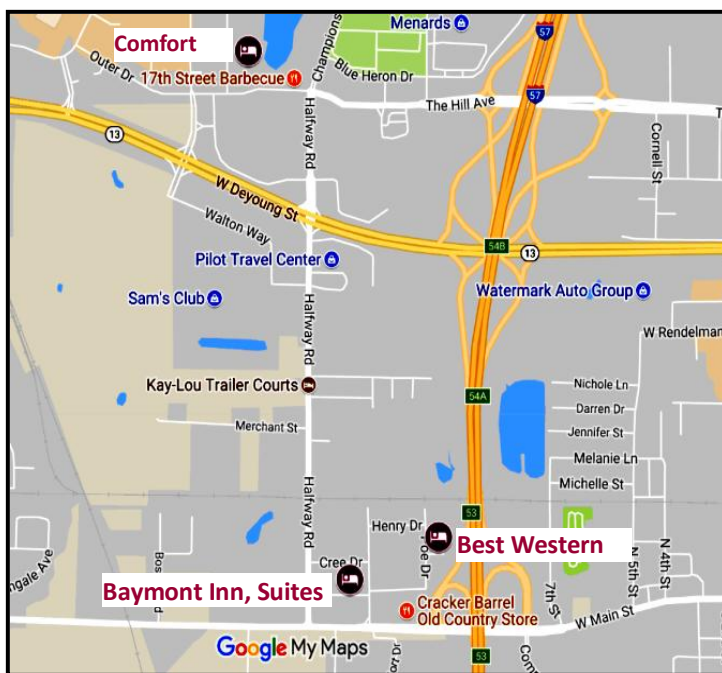
Camping:

Little Grassy Lake Campground and Marina

788 Hidden Bay Ln, Makanda, IL 60058

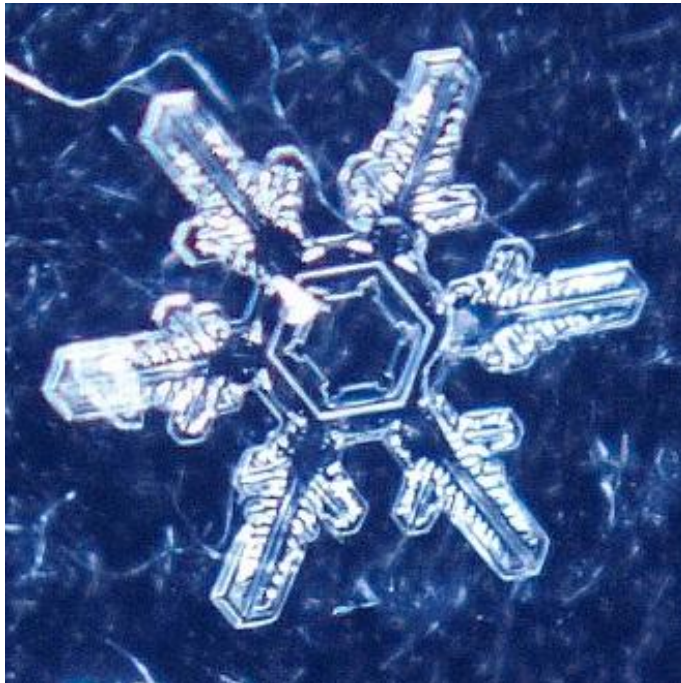
littlegrassylakecampground.com

(618) 457-6655



Welcome New Members!

Is your friend's name here?
If you read us on Facebook – is your name here?
Membership is easy and very low cost see
<http://monativeplants.org/membership/>



Snowflake by V Wedel



*Welcome to new members.
We all hope your membership with Mo Native Plant Society is fulfilling. When you first sign up you need to do one more thing. You need to send your request for email delivery to the Petal Pusher editor. Please do not wait several months to find out your address has been lost in the transfer. If you don't get the information you need, let us know. If there is a wild area you think we should visit, let us know. This is a democratic organization; everyone is invited to all MONPS activities and all suggestions will be heard.*



HAPPY EARTH DAY

David Schilling

TO THE LAST CORNER . . . TO THE LAST HABITAT .

**TO THE LAST REMNANT OF NATURE'S ROBE
MANKIND'S FOOTPRINT AND SHADOW ADVANCE
OVER THE GLOBE . . .**

**THERE ONCE WAS A PEOPLE WHO ALIGNED
WITH THE RUMORS
THAT IT'S OK FOR PRODUCERS TO BE OUT-
NUMBERED BY CONSUMERS
I MET 'EM JUST ONCE . . . THEY PONDERED ON . . .
THEN THEY WERE GONE.**

**MORAL: BEST NOT TO ANGER NATURE'S
VERACITY
BY VIOLATING THE RULES OF CARRYING-
CAPACITY!**



Plea from Mother Nature

B Erickson

My unlimited resources have been pillaged.
All I have to give is what can be replaced.
Expect from me what you give to me.
If you take from me all that I have
and replace it not;
expect no more.

New Missouriensis is Available

From Doug Ladd and John Oliver

Missouriensis is the Society's scientific journal containing articles about botanical information and discoveries from the state. It is distributed to all members and several libraries throughout the state. To submit an article for publication, consult the [instructions for authors](#) and contact the [editor](#). [Volume 35 \(2017\)](#) · [Missouriensis Volume 35](#)

Contents

Author(s)	Title	PDF
Justin R. Thomas	Corrected new combination for <i>Dichanthelium inflatum</i> .	
Paul M. McKenzie and Bruce Henry	Evidence that <i>Carex</i> × <i>deamii</i> may be derived from a cross between <i>C. squarrosa</i> and <i>C. shortiana</i> .	
Claire Ciafré	An artificially disjunct population of coastal indigo, <i>Indigofera miniata</i> (Fabaceae), new to Missouri.	
Paul M. McKenzie, Peter Hayes, Lorie Volenberg, Vergial Cade Harp, and Bruce Schuette	New upland sites for <i>Trifolium stoloniferum</i> (Fabaceae) in Missouri, with comments on the identification of sterile material.	
Andrew P. Braun	<i>Mimosa strigillosa</i> (Fabaceae) new to Missouri.	
Book Reviews	<i>Flora of the Chicago Region</i>	

Recognizing Members Who Have Authored in Other Publications

Cecile Lagandre [sorry my computer does not have the ability to place the French accents properly] has been writing a full column for every issue of Missouri Prairie Journal since fall 2012. She and husband Dave VanDyne from the KC area own some land in Benton Co they call Feaster Glade. Cecile's accounts of the restoration of this glade run true to an entertaining naturalist's diary. Hopefully, by reading her account of the breathtaking rewards of 5 years of hard work, you might be inspired to choose your own area to apply your management knowledge of our natural communities.

Elizabeth Olson [MDC plant community ecologist and member of MONPS Ozark Chapter] Maybe because I worked on the Missouri Ozark Forest Ecosystem Project [MOFEP] one season, I thoroughly enjoyed Liz's concise account of the progress of this 100-year data collection project. Only a person with a thorough understanding of the history and process of this enormous project could simplify it into 3 interesting pages with 3.5 pages of photos in the Dec '17 Conservationist. I hope everyone will find this edition, read it, then discuss what the data is saying.

Just announced 5Feb18, 3pm: Leah Prescott; Bureau of Land Management; Plant Conservation Program Data Coordinator; 202-912-7232. From: The Columbus Dispatch [Columbus Ohio] By Marion Renault

"Under new rules that went into effect Sunday, the sale and distribution of 38 destructive, invasive plant species will become illegal. In its list, the state agriculture department included various types of honeysuckles, Bradford pear trees, autumn olive shrubs and fig buttercup flowers that line freeways, coat forest floors and choke wild spaces across Ohio."

Read more: <http://www.dispatch.com/news/20180107/38-species-of-invasive-plants-now-illegal-to-sell-in-ohio>



Missouri Native Plant Society Awards: Nominations Due May 15


The MONPS Awards Committee seeks nominations of people who have supported the preservation of Missouri's flora and have helped MONPS beyond an average effort. MONPS offers six awards: **Write up your nomination and send asap.**

- 1) Erna Eisendrath Memorial Education Award, recognizing individuals who, through teaching, writing, or other activity have conveyed to others a significant appreciation and knowledge of Missouri's native flora.
- 2) Arthur Christ Research Award, recognizing an individual's significant contribution in furthering the knowledge of Missouri flora.
- 3) Plant Stewardship Award, recognizing an individual or organization for the preservation of important elements of Missouri's flora through purchase, registry, and/or management practice.
- 4) The John E. Wylie Award, recognizing individuals who have provided exceptional service to the Society.
- 5) Plant Conservation Award, recognizing an individual or organization for outstanding contributions to the conservation or preservation of native plants or plant communities in Missouri. This award differs from the Plant Stewardship Award in that it is not tied to direct acquisition or management of tracts of land, but instead may recognize various types of outstanding achievements or efforts, such as conservation planning, advocacy, or new ways of looking at old problems.
- 6) Julian A. Steyermark Award, the Society's highest award, given to an individual who has made outstanding contributions to any and all aspects of Missouri botany.

The deadline for nominations is May 15. Nominations should contain the full name of the nominee and the name of the person making the nomination, and they should set forth the contributions of the individual or organization that merits recognition. Award recipients need not be members of MONPS.

Please submit nominations to Awards Committee Chairwoman, Michelle Bowe.

Michelle Bowe
Department of Biology
Missouri State University
901 S National Ave
Springfield MO 65897
mbowe@missouristate.edu



Chapter

St Louis

Submitted by Rex Hill, Chapter Representative

At our January meeting, we were once again privileged and treated to a talk from Richard Abbott. His rapid-fire, thorough delivery on any botanical subject is informative, invigorating, and inspires us to get out in the field to practice our observation and identification skills. His talk on **Basic Plant ID for Field Botanists** was delivered in an hour (more or less) and covered the complete spectrum of plant identification characteristics leaving us in awe and amazement and knowing that we needed to go away to study and practice. Seriously, his main point was that it takes hard work, repetition, and a knowledge of terminology to be able to read, converse, identify, and describe plants to yourself and others. He recommended a number of books, several of which I have on my bookshelf and shamefully admit that I have not studied as diligently as I should, but there is always the encouragement of a Richard Abbott talk to get me working again. I encourage you to look at his website – <http://richardabbott.com/> - and consider the breadth of his experience, his enthusiasm for botany, and his contributions to the field. In my retirement years, now numbering over twenty, I have read about the lives of a number of historically prominent botanists. His story is not unlike many of theirs.

Attention Chapter Members: In May, we are once again asked to participate with a booth at the spring plant sale at the Shaw Nature Reserve. Their hours are changing slightly this year. Note them as listed in **Coming Chapter Events**. The last few years, I have themed the booth on places to hike and see spring wildflowers in the St. Louis area. If time permits and my energy is sufficient, I plan to feature Missouri Natural Areas as places to visit, and I welcome any photographic contributions from your favorite areas. They can be digital if not printed, and I will get them printed – Walgreens quality. I am placing this paragraph in the Petal Pusher to see who actually reads the stuff I submit as Chapter Representative. Please Email me at RexLHill@charter.net either with your offer of photos, or your suggestions for my ideas on the booth this year.



Reports

Hawthorn *Submitted by Cindy Squire Chapter member*

Dec10, Nancy Langworthy hosted this year's Holiday Party. The potluck meal prepared by our members was scrumptious!! Nancy's native landscape was most inviting to her surrounding wildlife and yet beautiful to the eye. Thank you Nancy for hosting this wonderful and joyous meal!!

Jan 8 the Hawthorn Chapter had their bimonthly meeting focusing on planning for the year. Officers remain as before; the chapter needs a Secretary and a President. Work of retired officers is greatly appreciated by all members!! We will participate in the Bradford Plant Sale April 14, Columbia Area Earth Day Festival April 22, and GN Native Plant Sale at Columbia Bass Pro May 19. Native plants will be sold to the public and educational materials are made available. Volunteers at the booths encourage native plant landscaping and preservation of native Missouri plants at these events.

Jan 24, the Columbia Public Library hosted a public commentary about a revised Columbia weed ordinance. This revised ordinance would allow native plants over 12 inches. There was lively discussion and positive interest in natives. Many residents were unaware of the previous ban on tall natives within Columbia City limits. Seven NPS members attended to provide support for the revisions and offered clarification of some details.

The Dec 21 and Jan 18 monthly lunches at the Uprise Bakery on 10 Hitt Street in Columbia were attended by 6 and 12 members respectively. The food at the Uprise Bakery is most excellent. There was lively conversation about native plants and their propagation. One member is a bee keeper; he explained how honeybees hibernate through bitter cold. We discussed logistics of upcoming booth events. Please join us!!

Val and Becky had cabin fever, so they took a walk in MTNF Jan 27 to exercise their knowledge of winter woody twigs. Many of the bare twigs were recognized, but the rarest were wahoo and winged ash. The creek bank was graced with Christmas fern and a standing dead oak was completely decorated with turkey tale fungus.



< Both photos by Val Wedel >

Osage Plains

Submitted by Casey Burks, Chapter Representative

December 13th, 2017 Bernie Henehan organized our year end celebration for chapter members and their guests. We shared past field trip experiences and talked about the 2018 MONPS locations with the hopes that more of us can attend these wonderful opportunities to learn from the Botanists. We look forward to our first Spring chapter field trip to revel in the ephemerals.

On a personal note, the past week of nice January weather gave me and the dogs opportunities to traipse around the woods around our place by Truman Lake. I found 3 *Asclepias quadrifolia* seed pods just popping open. I find it so interesting that one of the earliest milkweeds to bloom seems to be one of the last ones to mature their seeds. Last Spring, I found an abundant number of blooming *A. quadrifolia* with Monarch larvae munching away. This gave me hope that perhaps Monarch population might increase by the end of the year. It won't be long before the little milkweed with the beautiful bloom is ready again for a Monarch to find it in the woods.

CB photo > >



* * * * *

Climbing over mossed logs and lichened rocks.

Brushing through butterflied yarrow

and arm-tickling grass.

Running where the clover is whitest and reddest.

Catapulting down to the quietest place

where the trees see themselves in the same surface

the bullfrogs animate when molested.

*Will being-part-of-the-sky-and-all-that-it-touches pass
into and older tomorrow*

where clocks replace weed seeds in your socks?

B. Erickson

Southwest

Submitted by Michelle Bowe, Chapter Representative.

We have been hibernating and enjoying frost flowers during the winter months, but we are looking forward to February's speaker—see Calendar items for details.

Ozark

Submitted by Liz Olson Chapter Representative.

Paradoxa

Submitted by Pam Barnabee, chapter president;

Kansas City Submitted by John Richter, KC Chapter Pres

Perennis Submitted by Andrew Braun, Chapter Representative

Empire Steve Buback Chapter Representative

No reports at this time.

Petal Pusher Editor's Note: this is my last edition. The BoD will need to find another editor.

Whoever wants to volunteer for the position of Petal Pusher Editor needs to contact one of the Board members immediately.

Special thanks to those who submit articles and reports early and in requested format. This edition those people were Rex, Michelle, Casey, Malissa, and Ann.

For the last 5 years I have organized and sent your Petal Pushers six times per year by email to an estimated 360 of the 420 paid members. The remainders get a hard copy. And I have sent email announcements of symposiums, conferences, workshops and links to articles of interest. I am no longer allowed to communicate these announcements to the paid members; the BoD has decided to post these announcements on Facebook. I have received a few protests from those who have considered the ramifications of this change of policy.

For everyone reading and completely understanding this statement, I offer a personal service to send you emails regarding announcements of symposiums, conferences, workshops and links to articles of interest. For you to receive these messages by email, you MUST contact me directly. This is the only offer I can make. For the majority of the paying members who do not want to participate in the Facebook circus and opt not to contact me, I can only wish you the best of luck in getting more information than the next PP editor can provide.

Chapter Calendar

Hawthorn *from Cindy Squire*

Chapter meetings held on odd-numbered months on the second Monday at Unitarian Church, 2615 Shepard Blvd., Columbia. Third Thursday lunch at Uprise Bakery [RagTag] 10 Hitt St. See www.columbianativeplants.org for postings of newsletters and activity details. For folks interested in hiking and wildflower sightings around the state, see chapter newsletter on the website for details. Otherwise you are encouraged to participate in outings with other MONPS chapters and MPF. We will email chapter members interested in outings.

15 Feb Thurs 11:30 am: Lunch at Uprise Bakery.

12 Mar Mon 6:00 pm: Bimonthly Meeting at Unitarian Church. Please note earlier time.

15 Mar Thurs 11:30 am: Lunch at Uprise Bakery.

14 Apr Sat 10am-2pm Bradford Plant Sale Set up time 9 am. Many volunteers are needed!!!!

22 Apr Sun 11am-6:30pm Columbia Area Earth Day Festival Set up time 9am. Many volunteers are needed!!!!

14 May Mon 7:00 pm: Bimonthly Meeting at Unitarian Church. Please note later time.

19 May Sat 10am-2pm MPF/GN Native Plant Sale at Columbia Bass Pro Shop

Osage Plains *from Casey Burks*

Meeting location: MDC building 2010 South Second St. in Clinton. Regularly scheduled meetings are held the 4th Monday of the month at 6:30 pm. No meetings are held during the months of Aug, Dec or Jan. Activities are open to the public and our purpose is to enjoy learning about and sharing information about native plants. Current information available from President Elizabeth Middleton Elizabeth.Middleton@mdc.mo.gov or Chapter Representative Casey Burks mobugwoman@gmail.com. Field Trip coordinators are Bernie Henahan berniehenahan@yahoo.com and Dan Henahan danhenahan@embarqmail.com

26 Feb 6:30pm at the MDC building, Clinton, MO
Please join us and help plan our local field trips and programs.

26 Mar 6:30pm at the MDC building, Clinton, MO

23 Apr 6:30pm at the MDC building, Clinton, MO

Ozark *from Liz Olson*

The Ozark Chapter meets at 6:30 pm on the third Tuesday of each month MDC, Ozark Regional Office, 551 Joe Jones Blvd, West Plains, MO 65775.

No meetings Dec and Jan. For more information, contact chapter president Susan Farrington at 417-255- 9561. We take suggestions for speakers at our meetings.

20 Feb 2018: winter plant ID. We will learn to identify plants in winter by their persistent and often showy remains.

Upcoming Events

St Louis *from Rex Hill*

Chapter meetings are held on the fourth Wednesday of the month at the Sunset Hills Community Center, 3939 South Lindbergh Blvd., Sunset Hills, MO. Google Map:

<http://goo.gl/maps/K3PR>

All Friends and newcomers are welcome at meetings.

Look to the Saint Louis Chapter page on the MONPS website at for any announcements.

<http://monativeplants.org/chapters/saint-louis/>

28 Feb – 7:30 PM – Hugh and Carol Nourse – A Gneiss Garden (The botany of a granitic outcrop near Athens Georgia through the seasons).

28 Mar – 7:30 PM – Dr. Richard Abbott, Missouri Botanical Garden – Updating Gleason and Cronquist (Making sense of recent changes in plant taxonomy).

24 Apr – 7:30 PM – Speaker and Topic tba

Fri 11 May & Sat 12 May – Fri 2:00 PM until 7:00 PM; and Sat 9:00 AM until 2:00 PM: Spring Plant Sale at Shaw Nature Reserve. The St. Louis chapter will set up the booth Friday about Noon and again Saturday about 8:00 AM. **Note the change in times for both Friday and Saturday this year.** If you can help with manning the booth, contact Rex Hill at RexLHill@charter.net.

Paradoxa *from Jerry Barnabee*

Paradoxa schedules meetings/walkabouts at a variety of locations in the Rolla area. Watch our chapter page on the monativeplants.org website for updates, or email us at paradoxarolla@gmail.com and ask to be added to our email list. Workdays for the Bray CA Botanical Collection and Herbarium Project are held on the first and third Thursdays of the month.

10 Feb Sat. Time and place TBT: Winter Tree Identification hike led by Brian Wall. Keep in touch for details.

Southwest *from Michelle Bowe*

Meetings will be at different locations in Spgfld, 4th Tuesday, 6pm. Refer to each date for location In case of bad weather, watch Facebook for cancellations or call ahead of time and we'll call back with more information. Michelle Bowe Mbowe@MissouriState.edu 417-836-6189

Feb 27 Tues 6PM: at the Library Center Meeting Room A. Speaker is Ronda Burnett from MDC, and her talk is "Native Plants in the Designed Urban Landscape".

My sincerest apology to anyone offended by any material in any article offered herein.

LINK IN!!

Members who receive this by email can Ctrl+Click on links to open for allot of information.

Article on the effects of neonicotinoides on insects in Sept 2015 Wild Ones! Journal <http://wildones.org/Neonics.pdf> These chemicals are as bad a DDT. They persist in plants down wind of application site. For more info on neonics look at the Xerces Society site.

Angela Sokolowski [Natural Resources Specialist USFS] encouraged public input on Forest Service management through the NEPA process – both positive and negative comments. Visit the website at <https://www.fs.usda.gov/projects/mtnf/landmanagement/projects> . There you will see a list of current and recent projects to comment on.

Linda Hezel strongly suggests reading the article on page 4. This explains how virgin land is tilled to make organic farms when they should be preserved.
<http://www.cornucopia.org/wp-content/uploads/2016/06/Summer2016-Cultivator-Web.pdf>

Paula Peters found a great website www.gardenswithwings.com . As she says, “It has a place to enter your zip-code to get a **list of food plants to plant for the butterflies in your area**, and it has lots of other handy information too. “This is just in time for Spring; they need food all summer and fall, too—enjoy!”

WREN SONG <http://nativeplantwildlifegarden.com/> Blog on native gardens and ecology

In response to those who requested **information on weed control**, particularly of invasives, the following down load may provide some assistance;
https://www.fs.fed.us/foresthealth/technology/pdfs/FHTET-2016-04_Biocontrol_Field_Guide.pdf

There is a guide to plants supporting monarch Butterflies, *Important Plants of the Monarch Butterfly (Danaus plexippus)* available for download at:
<https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/plantsanimals/pollinate/?cid=nrcseprd402207>

Search for USDA monarch butterfly initiative. Try to get the Midwest edition (179 pages in pdf form) not the southern great plains one. There are very good color photographs of plants.

Empire Prairie from Steve Buback:

Nothing submitted at this time.

Kansas City from John C. Richter

Meetings are usually held at MDC Discovery Center 7 pm, 1st Tuesday of odd-numbered months. No meeting in July.
<https://nature.mdc.mo.gov/discover-nature/places/gorman-anita-b-conservation-discovery-center> : mid-town on Troost between Cleaver and Volker Blvds.

Kansas City Chapter 2017 Calendar

Submitted by John C. Richter, MONPS KC Chapter Pres
For questions about upcoming field trips contact the field trip leader, otherwise contact John Richter via e-mail: RichterJC@bv.com, or cell phone 816-519-8201. Please RSVP with the field trip leader or John Richter for all field trips. We use RSVP information to plan car pool logistics and to determine if a field trip will have any attendance. This is important for making decisions based on severe weather, etc. Our events are open to all who would like to participate, members and non-members alike; please bring a friend.

No new activities planned at this time.

Perennis from Andrew Braun

Watch for announcements by e-mail, Facebook, and the MONPS website.- www.monativeplantsociety.org
Be sure your email is registered with Andrew, your Chapter Rep, and with Becky = PP editor, and with Ann Early = membership Chair.

Field trips and other events for the Perennis chapter are currently being planned. Watch for announcements by e-mail, the website, and Facebook page. As always, ideas are welcome! Contact Andrew for updates on activities
apbraun1s@gmail.com

BE A CITIZEN SCIENTIST!!

Many, many retired and people with interest in nature supply data to several organizations needing data from across the country and around the world. I have not supplied links here because it is so easy to Google names.

Bud Burst is a database of DATES of perennial emergence, buds, flowers, seedset.

Cornell Ornithology Lab gives several dates around the calendar when you can submit bird counts, just in your back yard or on vacation trips.

Monarch Watch and **Missourians for Monarchs** both need data points for wild and planted milkweeds, prairie plantings and wild nectar areas; then they need monarch sightings in all stages of development.



Missouri Native Plant Society
PO BOX 440353
St Louis, MO 63144-4353
www.monativeplantsociety.org
www.monativeplants.org



The Petal Pusher is printed on recycled paper

RETURN SERVICE REQUESTED

**"A thing is right when it tends to preserve the integrity, stability, and beauty of the biotic community.
It is wrong when it tends otherwise." Aldo Leopold**

PRESIDENT

John Oliver
4861 Gatesbury Dr
St. Louis, MO 63128
314-487-5924
oliverjcomo@msn.com

VICE PRESIDENT

Dana Thomas
1530E Farm Rd 96
Springfield MO 65803
mail@botanytraining.com

SECRETARY

Malissa Briggler
10297 CR 371
New Bloomfield, MO 65063
573-301-0082
Malissa.Briggler@mdc.mo.gov

TREASURER

Bob Siemer
74 Conway Cove Drive
Chesterfield, MO 63017
636-537-2466
aee623@prodigy.net

MEMBERSHIP

Ann Earley
P.O. Box 440353
St. Louis, MO 63144-4353
314-963-0103
aee623@prodigy.net

PAST PRESIDENT

Paul McKenzie
2311 Grandview Circle
Columbia, MO 65203
573-445-3019

paulbeckymo@mchsi.com

BOARD MEMBERS

Justin Thomas ('17 - '20)
1530E Farm Rd 96
Springfield MO 65803
jthomas@botanytraining.com

Mike Skinner ('17 - '20)
167 South Peachtree
South Peachtree
Republic, MO 65738
417-268-5704
Mike.Skinner6680@gmail.com

Bruce Schuette ('16-'19)
678 St. Route 147
Troy, MO 63379
636-528-7247 (w)
basch@centurytel.net

Rick Gray ('18 - '21)
6 Montauk Court
St Louis MO 63146
314-9936088
rgray@seilerinst.com

Steve Buback ('18 - '21)
MDC NW Regional Office
701 James McCarthy Dr
St. Joseph, MO 64507
816-271-3111
Steve.Buback@mdc.mo.gov

Ron Colatskie ('16 - '19)
8 Walnut Park Dr
Cedar Hill, MO 63016
636-931-5222
Ronald.Colatskie@dnr.mo.gov

MISSOURIENSIS

EDITOR
Doug Ladd
The Nature Conservancy
2800 S. Brentwood Blvd.
St. Louis, MO 63144
314-968-1105 (w)
dladd@tnc.org

PETAL PUSHER EDITOR

Becky Erickson
PO BOX 496
Ashland MO 65010
573-657-2314
beckyerick711@centurylink.net

DISTRIBUTION MANAGER

Leslie Limberg
636-398-8809
LLlimberg@aol.com
Assistants: Emily Horton
And Joan Featherston

EDITORIAL COMMITTEE

Lisa Hooper
Jay Raveill and Tim Smith

ARCHIVES

Rex Hill
4 Grantwood Lane
St. Louis, MO 63123
314-849-1464
RexLHill@charter.net

WEBMASTER

Brian Edmond
8878 N FR 75
Walnut Grove, MO 65770
417-742-9438
brianedmond@gmail.com

www.monativeplants.org
www.monativeplantsociety.org

ENVIRONMENT & EDUCATION

John Oliver [also President]

CHAPTER

REPRESENTATIVES

PARADOXA

Jerry Barnabee
34653 White Oak Rd
Plato, MO 65552

paradoxarolla@gmail.com

SOUTHWEST

Michelle Bowe
901 S. National
Springfield MO 65897
417-836-6189
Mbowe@MissouriState.edu

KANSAS CITY

Hilary Haley
204 South 15th Street
Bethany, MO 64424
(660) 867-3866
hhaley@tnc.org

PERENNIS

Andrew Braun
apbraun1s@gmail.com

EMPIRE PRAIRIE

Steve Buback [also on Board]

OZARKS

Liz Olson
MDC Ozark Regional Office
551 Joe Jones Blvd
West Plains, MO 65775
417-256-7161 Ext. 4763 (w)
Elizabeth.Olson@mdc.mo.gov

OSAGE PLAINS

Casey Burks
914 SE Hwy ZZ
Deepwater, MO 64740
515-291-1550
mobugwoman@gmail.com

HAWTHORN

John George
3813 Evergreen Lane
Columbia, MO 65102
573-777-0394
John.George@mdc.mo.gov

ST. LOUIS

Rex Hill
4 Grantwood Lane
St. Louis, MO 63123
314-849-1464
RexLHill@charter.net