

## 2013 MONPS Award Presentations

*Malissa Underwood, Awards Committee Chair*

Thank you to those that submitted nominations for the 2013 MONPS awards. It was an honor to serve on this committee and have the opportunity to formally recognize the contributions of some wonderful people. I'd also like to recognize and thank the other Awards Committee members, Emily Horner and Jack Harris.

**Jim and Dorothy Harlan** were given the **Erna Eisendrath Memorial Education Award** for sharing their dedicated time, knowledge and enthusiasm of Missouri flora. The Harlan's are long-time members of the Osage Plains Chapter and have lead efforts in coordinating field trips for the past seven years. In addition to planning the trips, they also lead those carpooling to the trip locations as well as take pictures and keep lists of all attendees and the many plant species that are encountered. Anyone attending an Osage Plains Chapter field trip is sure to receive pictures and a species list shortly after. Their trip reports are shared with landowners and managers, furthering the knowledge and appreciation of Missouri's native (and non-native) flora.

Jim and Dorothy, now in their 80's, plan to retire as 'trip coordinators' for their chapter. It's an unofficial assignment within the chapter, but a very important role to a society dedicated to plant conservation. Members of the Osage Plains Chapter are extremely grateful for their service.

**Justin Thomas** was awarded the **Arthur Christ Research Award** for his significant contributions to furthering the knowledge of Missouri flora. Justin is the founder and director of the Institute for Botanical Training, a flagship



Justin received his award from Paul.

institute in Missouri that offers exceptional plant identification programs throughout the Midwest. He has authored numerous keys to difficult species including *Solidago* and *Muhlenbergia* species. He is an expert in the identification of *Dicanthelium* species, another taxa of particular difficulty. Justin has contributed greatly to the knowledge of Missouri's rare flora by his numerous discoveries of species that were previously unknown in Missouri. He has been instrumental in conducting extensive vegetative surveys for the Mark Twain National Forest as well as providing significant contributions to the overall species list of USFS land. He is a contributing editor for the next revision of the Coefficient of Conservatism checklist, an important component in the analysis of many vegetative monitoring and survey efforts. Justin is also busy studying and describing the treatment of *Rubus* species while discovering distinguishing characteristics that will assist botanists in identification. Justin, along with his wife, Dana, recently hosted a botanical symposium that attracted over 90 plant enthusiasts and professionals. He is an inspiration and a significant contributor in expanding the understanding of our state's flora.

## Rex and Martha Hill

were awarded the **John E. Wylie Award** for the many years of excellent service given to MONPS. Rex served as the MONPS President between June 2005 and June 2009 and was the St. Louis MONPS Chapter Representative from March 2012 through April 2013. He also served as Editor of the Petal Pusher from January 2007 to June 2007. While this was a brief period of time, it was a crucial contribution until a new editor could be determined. Martha served as the St. Louis Chapter representative between July 2005 and June 2009. They have also served on many committees throughout their time with MONPS. When members are asked to perform many seemingly mundane tasks, they are often the first to volunteer. Their unwavering support for MONPS, pleasant demeanor, kindness, generosity and humble spirits are exemplary and contagious to everyone they meet. Rex and Martha have been untiring and passionate ambassadors for MONPS for which the society has greatly benefited.

Rex and Martha receive award from Paul > >



## Flora of Missouri III: Hot off the Press

*George Yatskievych, Ph.D., Curator, Director-Flora of Missouri Project*

The long wait for Missouri botanists is over! The Missouri Botanical Garden Press is pleased to announce the release of the third Volume of *Steyermark's Flora of Missouri* by George Yatskievych. This 1400-page book completes the trilogy, including treatments of the second half of the dicot families, from Fabaceae through Zygophyllaceae. The format is identical to that in earlier volumes. Missouri now has one of the largest comprehensive encyclopedias of vascular plants ever published for a state.

Copies of the book are available from the Missouri Botanical Garden Press ([www.mbgpress.info](http://www.mbgpress.info) or 1-877-271-1930). Although the retail price is \$65.00 (plus shipping), MBG Press is extending a 20% discount on online and mail orders received before 1 November. Copies of Volumes 1 and 2 are also still available.

### From the SW (Springfield):

Take **US-65 N** 2.3 mi

Take the exit onto **I-44 E** toward **St Louis** 46.5 mi

Take **exit 129** for **MO-32/MO-5/MO-64** 0.2 mi

Turn left onto **MO-32 W/MO-5 N/MO-64 W/S Jefferson Ave**

Continue to follow **MO-5 N/MO-64 W/S Jefferson Ave** 1.7 mi

Turn right onto **MO-5 N/E 7th St**

Continue to follow **MO-5 N** 23.7 mi

Take the **US 54 E** ramp to **Osage Beach** 0.2 mi

Turn right onto **US-54 E** 79.8 mi

Take the **Missouri F** exit toward **Millersburg/Fulton** 0.2 mi

## Missouri Native Plant Society Fall Meeting and Field Trips Sept 20-22, in and near Fulton.

Everyone is welcome, especially guests. Our meetings will be held at the Community Room in the Callaway Electric Cooperative Building. Please join us! Our Field Trips will include some remaining and restored prairie habitat rare in this part of the state.

Locations will include The Prairie Garden Trust, Prairie Fork Conservation Area, Reform Conservation Area, and Tucker Prairie Natural Area.

**For the most accurate and up-to-date details, please visit The Missouri Native Plant Society website and our Facebook Page. (or go to Facebook.com and enter Missouri Native Plant Society in the search box.)**

### **Directions:**

#### **From the West (Kansas City):**

Take **I-70 E** approximately 145.0 mi

Take **exit 148** for **US-54** toward

**Auxvasse/Mexico/Fulton** 0.2 mi

Turn right onto **County Rd 201/US-54 W**

Continue to follow **US-54 W** 7.1 mi

Take the **Missouri F** exit to **Fulton/Millersburg** 0.2 mi

#### **From the East (St. Louis):**

Take **I-64 W/US-40 W** 39.0 mi

Continue onto **US-40 W/US-61 N** 0.5 mi

Take left exit onto **I-70 W/US-40 W** toward **Kansas City** 54.7 mi

Take **exit 155** for **MO Z/MO A** toward

**Bachelor/Calwood** 0.2 mi

Turn left onto **Missouri A/Missouri Z**

Continue to follow **Missouri Z** 9.8 mi

Turn left onto **N Bluff St (US 54 W)** to **Fulton** **Page 2**

## Fall Meeting Schedule:

(Changes, while not anticipated, are possible; updates will appear on the websites.)

### Friday, September 20

**2:00 P.M.** – Optional “Early Bird” Field activity for those who can make it. Location to be announced soon

**7:00 P.M.** – Meeting in the **Callaway Electric Cooperative meeting room. George Yatskievych**, author of *Steyermark’s Flora of Missouri, Volume 3, Dicots (part 2): Fabaceae (second part) through Zygophyllaceae* will be our special guest speaker. He has agreed to bring a number of the new books (hot off the press!) which will be available for purchase. Here’s your chance to get an autographed copy and avoid shipping costs.

#### Directions:

From Fulton take **US-54 W** toward **Jefferson City** 1.7 mi  
Take the **Missouri H** exit toward **Fulton** 0.3 mi  
Turn right onto **Missouri H** 0.1 mi  
Turn right onto **Silver Dr** 0.4 mi  
Take the 2nd right onto **Cooperative Dr** Parking lot on the right

### Saturday, September 21

**8:30 AM** – Meet at **Country Hearth Inn parking lot**. Guests of Henry and Lorna Domke at **Prairie Garden Trust** south of Fulton.

#### Directions:

From Fulton, take **US-54 W** toward **Jefferson City** 6.1 mi  
Turn left onto **State Rd BB** 1.9 mi  
Turn right onto **Co Rd 430/Co Route 430** 0.4 mi  
Turn right to stay on **Co Rd 430/Co Route 430** 0.2 mi  
Take the 1st left onto **Co Route 431** to parking area 0.3 mi  
**Lunch:** There is a covered porch on the **Prairie Garden Trust** site where we can eat lunch (bring your own). A bathroom is also available. Alternatively, there are many restaurant options in Fulton available if you prefer [a lengthy jaunt].

**1:00 PM** –Afternoon field trip – Location to be announced.

#### Directions:

**7:00 PM** – **MONPS Board Meeting** in the **Callaway Electric Cooperative Community Room** (see directions above)

### Sunday, September 22

**8:30 A.M.** – Meet at **Country Hearth Inn parking lot** – We will spend the morning at **Tucker Prairie Natural Area**

#### Directions:

From **Fulton** take **US-54 E** 6.4 mi  
Turn left onto **County Rd 220** 207 ft  
Turn left to stay on **County Rd 220** 0.8 mi  
Turn right onto **County Rd 210** (Landmark: **Richland Bapt. Ch.**) 1.4 mi  
Continue onto **Jade Rd** 1.6 mi  
**Jade Rd** turns south – Continue onto **Co Rd 215/Co Route 215**  
**Tucker Prairie** will be on the right (Park along edge of road)

## Motels in the Fulton, Missouri Area:

### Holiday Inn Express Fulton [Google Local Info]

2205 Cardinal Drive, Fulton, MO 65251

(573) 642-2600 hiexpress.com

**GPS: 38.873260, -91.964119** or **+38° 52' 23.74"**, **-91° 57' 50.83"**

### Country Hearth Inn [Google Local Info]

556 Amerihost Drive, Fulton, MO 65251

(573) 642-0077 countryhearth.com

**GPS: 38.848398, -91.972938** or **+38° 50' 54.23"**, **-91° 58' 22.58"**

### Travelier Motel [Google Local Info]

600 U.S. 54 Business, Fulton, MO 65251

(573) 642-3332 or (573) 592-9200 sleepymo.com

**GPS: 38.838476, -91.951838** or **+38° 50' 18.51"**, **-91° 57' 6.62"**

### Super 8, Kingdom City

3370 Gold Road, Kingdom City, MO 65262

(573) 642-2888 super8.com

**GPS: 38.938818, -91.940645** or **+38° 56' 19.74"**, **-91° 56' 26.32"**

Camping information is available at

<http://freecampsites.net/#!/fulton, mo>

Check the websites for updated information and maps to the field trip locations.



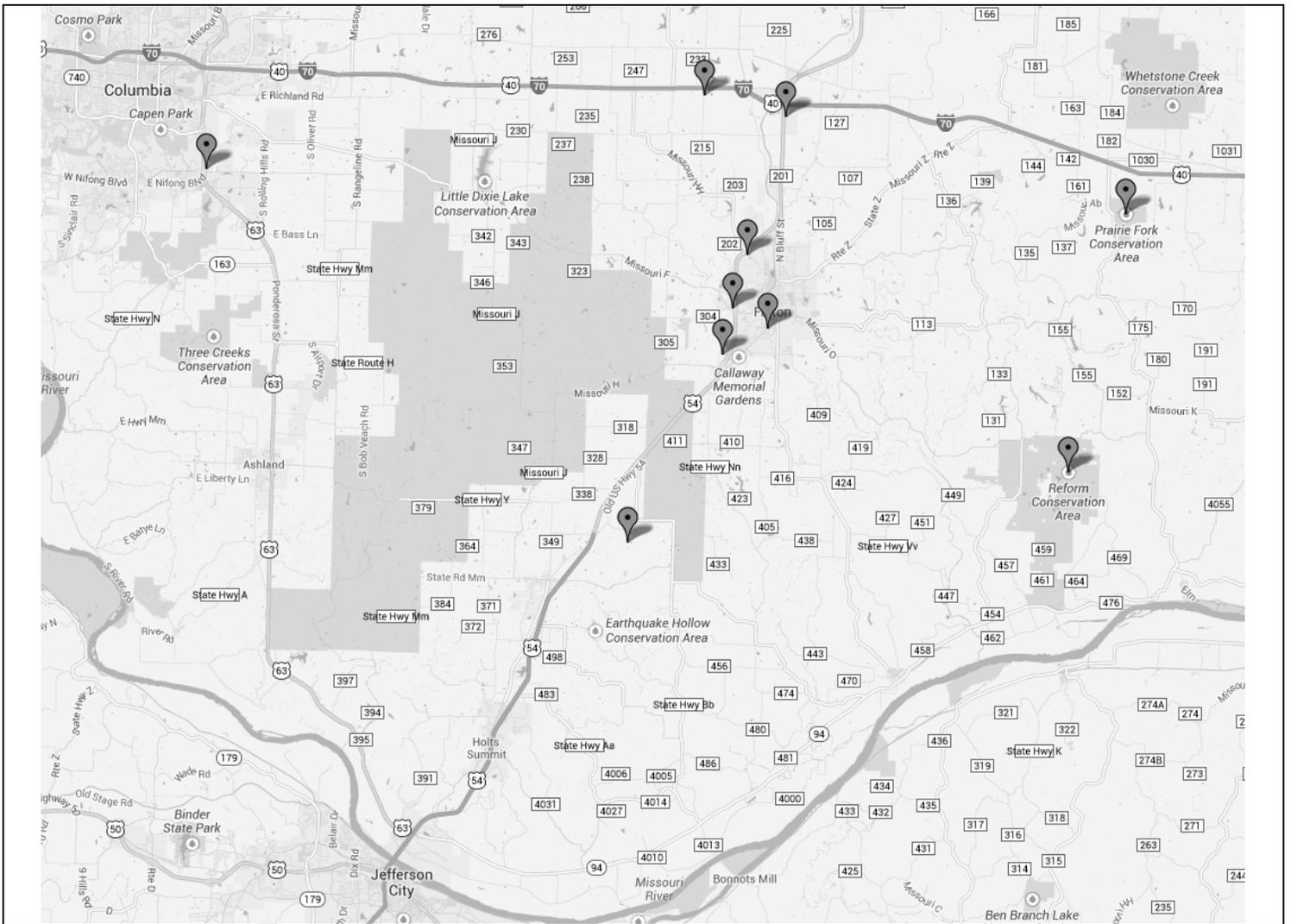
Lotus pond at PGT.

BE photo

There are also glades cliffs and a beautiful stream.



Finding new plants at Reform glade BE photo



**Specific maps of PGT are available on the Prairie Garden Trust website. Reform CA and Prairie Fork CA are available on the MDC website. Come to the Friday evening lecture and get your first edition copy of Flora of Missouri 3. George Yatskievych will be there to sign it. Bring your copies of Volumes 1 and 2 for him to sign, too.**



**PGT earlier this year. Come to see the changes in September. BE Photo**



## CHAPTER

### Perennis Chapter

Submitted by Allison Vaughn Chapter Representative

On July 14, two members of the Perennis Chapter and two members of the Southern Illinois Chapter of the Illinois Native Plant Society descended on Sand Prairie Conservation Area to see the prairie in full bloom. It was a cool, cloudy day that Sunday, and we were treated to mounds of *Stylisma pickerengii* and *Polygonella americana*, both delicate white flowers found on the sand prairie. We witnessed the bloom cycle at its peak. *Monarda punctata* was flowering along the



AV photo

fencerow, and countless *Cyperus* species were in flower, including the exceedingly charismatic *C. croceus*.

Saturday night, two Perennis members hiked the Shepherd's Point Trail at Trail of Tears State Park to see an explosion of *Desmodiums* in full bloom. After our hike on Sunday, we repaired to River Ridge Winery for lunch, camaraderie, and delicious wine.

### St Louis Chapter

Submitted by Rex Hill, Chapter Representative

In June, on a stormy evening, the chapter had its annual evening walk at 6:00 PM. The weather limited the group to a few hardy participants, myself not included. I was driving back from Jeff City in a driving rain and assumed the evening was a washout. Our stalwart president, John Oliver, tells me that, in the absence of any botanical experts in attendance, the small group was able to identify every plant accurately and had a very good evening walk amidst the raindrops.

At our July meeting, we were fortunate to have as our speaker, Matthew Albrecht of the Missouri Botanical Garden and the Center for Conservation and Sustainable Development (CCSD). His talk described the efforts of a consortium of botanical gardens to protect imperiled plants in the US. Their broad approach involves a spectrum of techniques that include identifying candidate plants, scientific seed germination and propagation studies, demographic and population monitoring, habitat modification, reintroduction of plants to compatible areas, seed banking as a contingency measure, and public education. For more information, you should visit their excellent website which is located on the mobot.org site at: [www.mobot.org/plantscience/ccsd](http://www.mobot.org/plantscience/ccsd).

The spring and early summer flowering plant season spawned a number of chapter field trips that included one on April 20 to Holly Ridge in the boot heel to relocate the recently found *Listera australis*, now with three stems

## REPORTS



### Hawthorn Chapter

Submitted by Ann Wakeman Chapter Representative

Our regular meeting was held July 8 at Unitarian Church. Richard Guyette, dendrologist teaching at MU, gave us a presentation on Acoustic Expression of Tree Growth. He has been assigning auditory tones to the width of tree rings. The pattern of these tones creates regular rhythmical expression of changes in weather. Tones produced from several different trees could be arranged into an interesting 'musical' piece

Nancy and her son David, Roy, Ray and Becky had a pleasant hour on the morning of Tuesday 2 July investigating Tucker Prairie located on the west edge of Kingdom City. They were greeted near the west entrance, by a



BE photo

meadow full of bunch flower [*Melantheum virginicum*]. Some of the other highlights were finding coral bells, shooting star, Sullivan's milkweed, milk vetch, and cream indigo.

The Chapter displayed its booth at the Organic Gardening workshop at MU's Bradford Research Farm on 1 August. Ann Wakeman and Nancy Brakhage helped. Becky did a half-hour presentation for about 70 people. The objective was to provide information on native flowers for attracting native pollinators to human crops which need their service.



#### [St Louis cont.]

On June 2 the group ventured to Wayne and Reynolds counties to traipse about at Lon Sanders Canyon, Sutton Bluff, and Husman Fen. On another occasion, June 22, they visited Shut-In Mountain fen to see the orchids that grow there. For those of you that missed these fieldtrips, the pictures will, no doubt, be shown at our annual Show and Tell meeting on October 23<sup>rd</sup>.

### Kansas City Chapter

Submitted by Hilary Haley, KC Chapter Representative

No report was submitted for this issue.

### Ozark Chapter

Submitted by Liz Olson, Chapter Representative

No report was submitted for this issue.

## Osage Plains

Casey Burks, Chapter Representative

June 14<sup>th</sup>-June 16<sup>th</sup>: Chapter members Dr. Morton, Theresa Cline and Casey Burks enjoyed the action packed quarterly MONPS meeting and field trips in the Salem, Missouri area. Friday afternoon, Justin and Dana Thomas hosted the group to a tour of their diverse property then provided a wonderful picnic supper. Justin, one of the top botanists in the state, gave the evening program on Ozark Fen Communities. We learned that the Salem area has the largest fens in the state with many rare and sometimes puzzling species. Saturday morning, at the Indian Trail State Forest, we saw rolling hills covered with a carpet of glade coneflowers; it was heavenly! Then we headed to Grasshopper Hollow. At almost 600 acres, it's one of the largest fens in North America. Sunday morning we visited a ranch with several small fens and finally saw state and federally endangered Hine's Emerald dragonflies. They are pristine fen obligate and the larva spend 3 years in crayfish burrows. Sunday afternoon the excitement continued at a deep muck fen, heavily fenced to keep out feral hogs. The whole weekend was a wonderful learning experience. Finally I know the difference between male and female persimmon flowers, saw a grass called "bats on a log", and learned about a native (good!) thistle, the swamp thistle *Cirsium muticum*.

June 17<sup>th</sup> Osage Plains monthly meeting. 6:30pm. Henry County Library Friends Room. Topic: Plant ID. Elizabeth Middleton and members shared favorite resource books for plant identification. Using several plants that had been brought in for identification, Elizabeth demonstrated keying them out using the "Flora of Missouri" which she uses most every day in her work at the Clinton CDC. One of the plants brought in was identified as the invasive bush honeysuckle which sparked discussion on how to get rid of it. Bernie Henehan brought his venison taco soup for a hearty snack.

June 22<sup>nd</sup>: Chapter field trip to Conrad-Neuenschwander Prairie. This beautiful private prairie in St. Clair county is one of our favorite places to visit at least once a year. The progression of blooms from spring through fall give us hundreds of species to learn. This year we studied the difference between water hemlock and poison hemlock, worked on learning more species of grasses and sunflowers. Then we headed to Jo Mohr's home where Jo and the Horner family supplied a wonderful lunch. Jo didn't have to ask us twice to pick blueberries to take home!

July 13<sup>th</sup>: Chapter field trip and monthly meeting at Jo Mohr's. Again we reveled in Jo's hospitality as she furnished a delicious breakfast (even sharing her homemade blackberry juice) and led the group around her native prairie. Jo cherishes and brings to life the history of the area. Our meeting was held on the deck, friends sharing Ozark beauty. At home I was amazed to see two *Spiranthes* pop up in our yard. They were much earlier and taller, about 18" tall, than I had ever seen before. It's wonderful to realize how much I've learned from belonging to MONPS! I wouldn't have recognized it as an orchid before. Now the fun of seeing if I can key out the species from the Missouri Orchid book.

## Southwest

Submitted by Brian Edmond Chapter Representative,

Two members showcased their own native plants in the last few months.

In May, Sherry Leis and Mark Hicks hosted a late spring wildflower walk on their farm in Christian Co MO. They recently moved to the place and were delighted with the spring flora there. Several members attended the walk and stayed for a potluck afterwards.

In July, Michelle Bowe and Brian Edmond hosted an evening cookout next to their restored prairie. Although there wasn't a lot of strolling around in the 90+ degree heat, the group managed to observe and catch some butterflies and dragonflies for show and tell. We also talked a little bit about the restoration process.

All the rain we've received this spring and summer warranted some garden maintenance and we've been tackling it with some of our monthly meetings and some other work days. Our June meeting was dedicated to some much-needed weed pulling and an evening stroll through the gardens. The prairie restoration at the botanical center is spectacular this year and serves as a reminder that every single prairie plot is really unique. This one has lots of wildflowers but also several large stands of gama grass.

Because of the fairly substantial damage our *Coreopsis* sustained in the early spring, I was convinced that it was going to be a bad year for Japanese beetles (because I thought it was their larvae doing the damage--but I'm not sure now). I'm happy to report that things aren't nearly as bad as I thought they would be. We did set out several of the plastic bag traps but it takes them several days to fill (as opposed to a few hours, which happened a few years ago). Although the traps are doing the trick, an opportunistic raccoon has taken to ripping out the bottom of the plastic bags every night and consuming the beetles! On the plus side, I did see several of the beetles on a patch of sericea lespedeza on our place. It doesn't look like they're doing much damage, but I can always dream!



Be sure to watch the Facebook Events page and your email inbox for details about upcoming events!

### The Missouri Natural Areas Newsletter

is now available on-line at:

<http://mdc.mo.gov/node/20281>

From: Mike Leahy, Natural Areas Coordinator, MDC

*Agalinis auriculata* [BE photo] at Jim Whitley's Boone Co. 2007

**Kansas City**

August – break from activities.

**3 September, Tuesday, 7:00 PM**, MDC Discovery Center: **Chapter meeting**, activity TBD.

**28 September, Saturday – Little Bean Marsh:** Car pool location and meeting time TBD. Contact person is John Richter: [jack\\_0\\_lantern@hotmail.com](mailto:jack_0_lantern@hotmail.com). his area has many wetland features in the Missouri River floodplain. Very diverse habitats to explore, bring rubber boots.

**12 October, Saturday – Jerry Smith Park:** No car pool required, but details on meeting time and location TBD. Contact person is Bill Fessler: [fessler01@aol.com](mailto:fessler01@aol.com). This area is maintained by the Kansas City Missouri Parks and Recreation Dept. and boasts of a multitude of conservative prairie species that occur to only limited extents in Missouri. For those of you with a copy of Missouri Plants of Conservation Concern, please read about auriculate false foxglove.

**5 November, Tuesday 7:00 PM**, MDC Discovery Center: **Chapter meeting**, activity TBD.

**December** – break from activities.

**Hawthorn**

For folks interested in hiking and wildflower sightings around the state, See chapter newsletter for details; also available on [www.columbianativeplants.org](http://www.columbianativeplants.org) Otherwise participate in outings with other chapters and MPF.

**1 August Thursday** –participation in Organic gardening workshop at Bradford Farm.

**15 Aug Thursday: Lunch with Native Plant Enthusiasts**, 11:30 at RagTag, 10 Hitt St [Just south of Broadway]. Informal exchange of ideas and information.

**8 Sept Monday Regular Membership Meeting**, 7 PM Unitarian Universalist Church, 2615 Shepard Blvd.

**19 Sept Thursday: Lunch with Native Plant Enthusiasts**, 11:30 at RagTag, 10 Hitt St [Just south of Broadway]. Informal exchange of ideas and information.

**Perennis**

For more information, weather restrictions, rescheduling visit <http://www.semonps.org/> or contact Allison at [allisonjv@yahoo.com](mailto:allisonjv@yahoo.com)



*“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, a 16th Century Dane educator.

[BE photo]

**Osage Plains**

Regularly scheduled chapter meetings are held the 3<sup>rd</sup> Monday of each month, 6:30pm, at the Henry Co. Library, Clinton, except for special dinner meetings. Guests welcomed. For info, contact Emily Horner [emily.horner3@yahoo.com](mailto:emily.horner3@yahoo.com), Jim & Dorothy Harlan [jdharlan@socket.net](mailto:jdharlan@socket.net) or Casey Burks [mobugwoman@gmail.com](mailto:mobugwoman@gmail.com)

**Please note no Osage Plains chapter meeting during August**

**16 Sept:** Osage Plains monthly chapter meeting. 6:30pm Henry County Library Friends Room. Topic TBD. September 20-22: State MONPS meeting featuring Tucker Prairie and Prairie Garden Trust nearFulton. Latest information available at Missouri Native Plant website and on Facebook.

**Southwest**

Green Co Botanical Center, Spgfld, 4<sup>th</sup> Tuesday, 6pm  
27 August Tues: Garden Maintenance. Speaker TBD. 6pm Springfield-Greene County Botanical Center.

24 September Tues: Speaker TBD. 6pm. Springfield-Greene County Botanical Center.

22 October Tues: Annual Bonfire and Potluck. 6pm. Michelle Bowe and Brian Edmond Farm. Bring a side dish or dessert to share. Your Society will pick up hot dogs and buns for the fire!

**St Louis**

Chapter meetings are held on the fourth Wednesday of the month at the Sunset Hills Community Center, 3915 South Lindbergh Blvd., Sunset Hills, MO 63127. Google Map: <http://goo.gl/maps/K3PR>

**28 August 7:30 PM: Mike Leahy**, Natural Areas Coordinator for the Missouri Department of Conservation will provide an overview of the natural communities of Missouri, with examples of how they are protecting some of our rarest native plant species.

**25 September, 7:30 PM** – Our speaker will be Steven Callen, PhD candidate at St. Louis University. His topic will concern *Pueraria Montana* var. *lobata* – more commonly known as Kudzu. Steve’s research has looked at whether or not kudzu is actually spreading on its own versus only spreading through the assistance of humans, and has as one of its aims to discover if there is a threat of kudzu expansion North, as has been proposed by climate change modeling studies.

**Ozark**

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

In the summer months, the Ozark chapter hosts plant identification nights. All are welcome to bring in plant specimens or photos that you would like to share or wish to have identified.

# PETAL PUSHER BY EMAIL

From Becky Erickson PP editor.

As Petal Pusher [PP] Editor, I have been sending PP to members of Hawthorn Chapter via email since I started with the January 2013 issue. They have all given me a positive response because they can get PP two to three weeks before they get the printed version, and they can see the photos in color!

If all of MoNPS members with email accounts accept E-delivery, we could save the state over \$1500, possibly \$2000 per year in printing and postage costs.

**In order to accomplish this transition into E-delivery of PP, I must have your permission to stop receiving the printed, mailed, paper copy from St Louis. I must receive an email from you requesting to drop the paper copy and allowing me to add your name/address to my Petal Pusher email file. PLEASE respond to these directions.**

With your name in this file you might receive additional messages: updates on state-wide MONPS news, and links to interesting ecological articles in addition to the PP.

Members who do not respond will continue to get the paper copy. I believe the BOD wants paper copies to continue to be mailed until they are satisfied the E-delivery is well received by most of the membership. So you will get both for a while. Hopefully the transition will be complete by January 2014. Be patient; old wheels turn slowly. I will post the same announcement in the November PP.

## Dues are Due

Message from Ann Earley, Membership Chair

Membership renewals for the July 2013-June 2014 year are due. Please check the top line of your mailing label. If it shows the date 20130630, your dues are now payable. When renewing, please remember to include your contact information including email address, and your society and chapter dues preferences.

If you have questions about your membership status, please contact me (see back page for contact information). We value our members and urge you to renew today!



### Information on joining Missouri Native Plant Society

Society Dues	Chapter Dues
Circle all that apply [Chapter dues additional]	Columbia = \$6
Student = \$5	Kansas City = 5
Regular = 10	Osage Plains = 5
Contributing = 20	Ozarks = 5
Life = 200	Perennis = 5
	St Louis = 5
	Southwest = 5

Contribution to Hudson Grant Fund \_\$ \_\_\_\_\_

\*All contributions are tax deductible\*

Make checks payable to MO Native Plant Society

If you want to see the vibrant colors in this photo, you will want the Petal Pusher to come to you by email.



*Liatris pycnostachya* and *Solidago missouriensis* near the southwest corner of Paintbrush CA, Pettis Co, 27 July.

[BE photo]



## Welcome to New Members!



Elizabeth Wright, Columbia  
 Mary McCarthy, Springfield  
 Laurel DeFreece, Plattsburg  
 Deborah Moulton, Maryland Heights  
 William & Diann Heroneme, Indep.  
 Jane Richter, St. Louis  
 Paula Diaz, Raymore  
 Marjorie Yates, Liberty  
 Mike Holley, Kirkwood  
 Mari Taylor, Nixa

Mail to: Missouri Native Plant Society  
 PO BOX 440353  
 ST. Louis MO 63244-4353

Name \_\_\_\_\_

Address \_\_\_\_\_

9-digit \_\_\_\_\_

zip \_\_\_\_\_

Sometimes activities are changed at the last minute so we need a way to notify you.

Phone \_\_\_\_\_

Email \_\_\_\_\_

## Works of Victor Collot

*Reviewed by Larry Morrison*

I just recently discovered the work of Victor Collot who wrote "A Journey in North America" which was finally published in English in the Transactions of the *Illinois State Historical Society* in 1909. Collot was a French military officer who, in essence, acted as a spy for the Republic of France under the Directory. He served in many places in the western hemisphere, but is best known for his observations during his voyage down the Ohio and Mississippi Rivers in 1796.

Among the many topics covered, Collot wrote about the quality of the land he traveled through, and the towns visited – including St Louis [sic], the character of the people he met, and the number of inhabitants capable of bearing arms.

As part of the narrative, Collot also noted the plants he saw [see following]. Many of his named are unfamiliar to me, but I was struck by the high number of plants of European origin that had already reached the Mississippi R. by the time of his journey in 1796.

"Independently of the description which we shall give under the article of agriculture, of the vegetation that clothes and the production that enrich this fine country, we deem it necessary to add, that it abound in all kinds of gramen [grass], from the dog's grass to reeds thirty feet high; the great and lesser kinds of mallows, violets, dandelions nettles maiden hair, ferns, horsetail, thistles, briars, squinant, cresses, iris, milfoil, St John's wort, centaury, hen bane, pellitory, of the wall [wallflower?], vervain, mint, thyme, burdock, endive, hops, storksbill [annual geranium?], purselain, sowthistle, wood sorrel, melilot, trefoil. Luzerne, Venus- navel [Venus looking-glass?], ginger, gentian, the second and fourth species of ipecacuanah, bastard senna, bastard indigo, three kinds of sensitives, chamomile, bugloss, comfrey, wild marjoram, sage, motherwort [milk wort?], wormwood, poppy, tarragon, pumpkin sorrel, strawberry, asparagus, golden rod, scabious, winter cherry, lilac, palma-christi [dogwood?], Indian fig tree [pawpaw?], rosemary marjoram, several of the flowers cultivated in Europe, the great blind nettle, blind oats, white root, red root, spindle tree, liana, dragon's blood, geranium, fumitory, friendsroot, white meadow wood, tea-tree of Laborador, and Obelia.

The trees most common are five or six kinds of walnut trees and of oaks, the mulberry tree, apple tree, pear, plumb, and cherry trees; ash, willow, elm, hawthorn, poplar, beach, laurels, acacias [locust?] plane trees [sycamore], pines, firs, red and white cedars, cypress, peach, fig, and chestnuts; pomegranates, thorny ash, small cotton tree, and little oak. We also found orange, lemon and lime trees with every other production of the most favored climes."

**Change screen time to green time.**

**Get out explore, learn firsthand**

## BE A CITIZEN SCIENTIST

### Please sign up for Bud Burst.

Keep a calendar, or diary, or "list" of when you see plants emerging, when you see trees blooming or leaves erupting, when seeds are ripe. All the instructions are on the Bud burst web site. The site starts by asking you about common garden plants, but you can add anything you want.

If you also enjoy birds and herps and Monarchs, there are citizen scientist data reporting sites for frog calls and for bird counts all year around. Start by looking at the Cornell Ornithology website and the MDC website. Monarch Watch will give you the parameters for Monarch assistance and data reporting.

### Please Friend us on Facebook



And more information on our website  
[www.missourinativeplantsociety.org](http://www.missourinativeplantsociety.org)

**This spot is reserved for you to share with your native plant friends [naturalists and ecologists] your adventures around your native garden and into the wild areas left on this tiny blue marble.**

**Indulge in the natural wonders here before they are gone.**



Missouri Native Plant Society  
 PO BOX 440353  
 St Louis, MO 63144-4353  
[www.MissouriNativePlantSociety.org](http://www.MissouriNativePlantSociety.org)

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**"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**

Paul McKenzie  
 2311 Grandview Circle  
 Columbia, MO 65203  
 573-445-3019  
[paulbeckymo@mchsi.com](mailto:paulbeckymo@mchsi.com)

**VICE PRESIDENT**

John Oliver  
 4861 Gatesbury Dr.  
 St. Louis, MO 63128  
 314-487-5924  
[joliver02@earthlink.net](mailto:joliver02@earthlink.net)

**SECRETARY**

Ann Schuette  
 303 Spring Church Rd.  
 Troy, MO 63379  
 636-528-6544  
[aschuette@centurytel.net](mailto:aschuette@centurytel.net)

**TREASURER**

Bob Siemer  
 74 Conway Cove Drive  
 Chesterfield, MO 63017  
 636-537-2466  
[ae623@prodigy.net](mailto:ae623@prodigy.net)

**PAST PRESIDENT**

George Yatskievich  
 Missouri Botanical Garden  
 PO Box 299  
 St. Louis, MO 63166  
 314-577-9522 (w)  
[george.yatskievich@mobot.org](mailto:george.yatskievich@mobot.org)

**BOARD MEMBERS**

Allison Vaughn ('11-'14)  
 311 Ridgeway  
 Columbia, MO 65203  
 573-703-6448  
[allisoniv@yahoo.com](mailto:allisoniv@yahoo.com)  
Robin Kennedy ('11-'14)  
 University of Missouri Herbarium  
 Columbia, MO 65211-3170  
 573-882-6519  
[kennedvr@missouri.edu](mailto:kennedvr@missouri.edu)  
Bruce Schuette ('10-'13)  
 678 St. Route 147  
 Troy, MO 63379  
 636-528-7247 (w)  
[basch@centurytel.net](mailto:basch@centurytel.net)  
Malissa Underwood ('12-'15)  
 Malissa.Underwood@mdc.mo.gov  
 10665 County Rd. 381  
 Holts Summit, MO 65043  
 573-301-0082  
Steve Buback ('12-'15)  
 MDC NW Regional Office  
 701 James McCarthy Dr  
 St. Joseph, MO 64507  
 816-271-3111  
[Steve.Buback@mdc.mo.gov](mailto:Steve.Buback@mdc.mo.gov)  
Michelle Bowe ('10-'13)  
 901 S National Ave  
 Springfield, MO 65897  
 417-836-6189  
[Mbowe@MissouriState.edu](mailto:Mbowe@MissouriState.edu)

**MISSOURIENSIS**

**CO-EDITORS**  
 George Yatskievich  
 Doug Ladd [dladd@tnc.org](mailto:dladd@tnc.org)  
 The Nature Conservancy  
 2800 S. Brentwood Blvd.  
 St. Louis, MO 63144  
 314-968-1105 (w)  
**PETAL PUSHER EDITOR**  
 Becky Erickson  
 PO BOX 496  
 Ashland MO 65010  
[beckverick711@centurylink.net](mailto:beckverick711@centurylink.net)  
**DISTRIBUTION MANAGER**  
 Bill Knight  
 7175 Old Lemay Ferry Road  
 Barnhart, MO 63012  
 314-856-5167  
[knight-bill@sbcglobal.net](mailto:knight-bill@sbcglobal.net)  
**EDITORIAL COMMITTEE**  
 Lisa Hooper  
 Jay Raveill  
 Tim Smith  
**ARCHIVES**  
 Jack Harris  
 9708 Green Park Rd.  
 St. Louis, MO 63123  
 314-368-0655  
[jahar@mac.com](mailto:jahar@mac.com)  
**SOCIAL & MEDIA**  
 Brian Edmond  
 Steve Buback

**MEMBERSHIP**

Ann Earley  
 P.O. Box 440353  
 St. Louis, MO 63144-4353  
 314-963-0103  
[ae623@prodigy.net](mailto:ae623@prodigy.net)  
**PUBLICITY**  
 Kevin Bley  
 4 Zinzer Ct.  
 Grantwood Village, MO 63123  
 314-729-0335  
[bley435@yahoo.com](mailto:bley435@yahoo.com)  
**WEBMASTER**  
 David Winn  
 7302 Rosewood Dr.  
 Prairie Village, KS 66208  
 913-432-4220  
[David@SouthForkPrairie.com](mailto:David@SouthForkPrairie.com)  
**CHAPTER REPRESENTATIVES**  
**HAWTHORN**  
 Ann Wakeman  
 5798 Windy Meadows Lane  
 Fulton MO 65251  
 573-642-6927  
[mike-ann@socket.net](mailto:mike-ann@socket.net)  
**KANSAS CITY**  
 Hilary Haley  
 204 South 15<sup>th</sup> Street  
 Bethany, MO 64424  
 (660) 867-3866  
[hhaley@tnc.org](mailto:hhaley@tnc.org)

**OSAGE PLAINS**

Casey Burks  
 Highway ZZ  
 Deepwater, MO 64740  
 515-291-1550  
[mobugwoman@gmail.com](mailto:mobugwoman@gmail.com)  
**OZARKS**  
 Liz Olson  
 MDC Ozark Regional Office  
 551 Joe Jones Blvd.  
 West Plains, MO 65775  
 417-255-9561 Ext. 307 (w)  
[Elizabeth.Olson@mdc.mo.gov](mailto:Elizabeth.Olson@mdc.mo.gov)  
**PERENNIS**  
 Allison Vaughn  
 Also a board member  
**SOUTHWEST MISSOURI**  
 Brian Edmond  
 8878 N FR 75  
 Walnut Grove, MO 65770  
 417-742-9438  
[brianedmond@missouristate.edu](mailto:brianedmond@missouristate.edu)  
**ST. LOUIS**  
 Rex Hill  
 4 Grantwood Lane  
 St. Louis, MO 63123  
 314-849-1464  
[RexLHill@charter.net](mailto:RexLHill@charter.net)  
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