



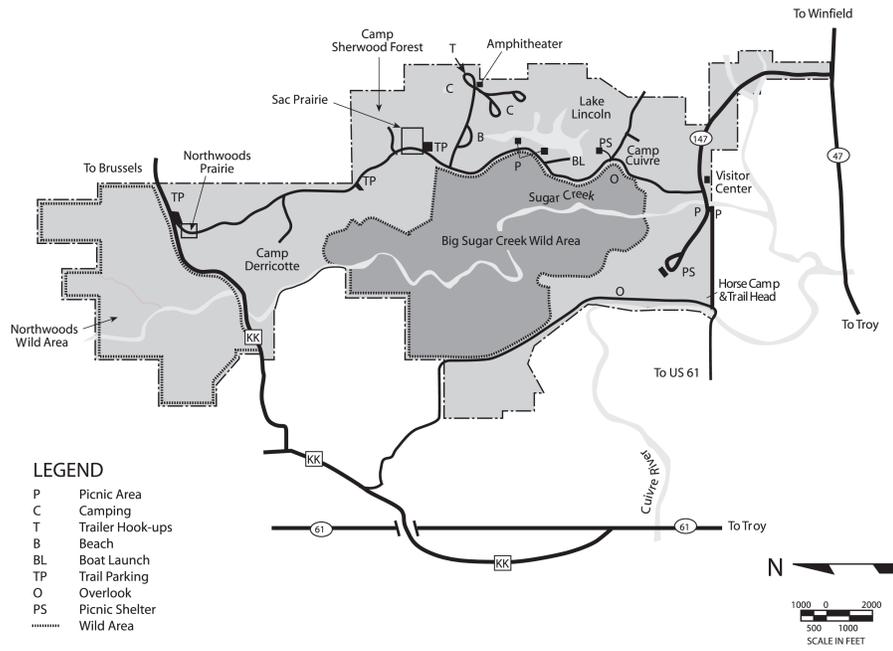
...to promote the enjoyment, preservation, conservation, restoration, and study of the flora native to

Fall meeting at Cuivre River State Park

Cuivre River State Park will be the location for the fall meeting of MONPS. September 28-30, 2012. The Board of Directors will meet on Saturday, the 29, at 7:00 p.m. (location to be determined).

Cuivre River State Park is a bit of the Ozarks outside of the Ozarks – a nature lovers paradise just a short drive from St. Louis that is vibrant with colors three seasons of the year. The park’s renowned trails take visitors through prairies and forests of oaks and hickories. The park’s three natural areas feature sinkhole ponds and woodlands that would be more at home in southern Missouri. The park has hiking and equestrian trails, modern campsites, group camps, picnic areas and a lake so everyone can enjoy one of Missouri’s most rugged and beautiful jewels.

CUIVRE RIVER STATE PARK



Motels in Troy, MO

Luxury Inn & Suites
107 King Dr Troy, MO
636/528-0080

Super 8 Hotel
28 Turnbull Trail Troy, MO
636/528-6888

Restuarants nearby:
Calvins Restaurant
Dennys Diner
Dos Primos Mexican



Camping at Cuivre River State Park
877/422-6766 7am-10pm CST
<http://www.icampmo.com>

HAWTHORN - Rusty White

9 July - Monday, 7:00pm – Membership Meeting, Unitarian Church, 2615 Shepard Blvd. Randall Clark will present “*Costa Rica: Land of Biodiversity*”.

19 July, Thursday, 11:30am Lunch with Native Plant Enthusiasts. RagTag, 10 Hitt St., just south of Broadway.

16 August, Thursday, 11:30am – Lunch with Native Plant Enthusiasts. RagTag, 10 Hitt St., just south of Broadway.

10 Sept., Monday, 7:00pm – Membership Meeting, Unitarian Church, 2615 Shepard Blvd.

15 Sept., Saturday – Plant sale, Bradford Farm.

KANSAS CITY -John Richter

14 July – Canoe weekend to the Niangua River, contact John Richter.

12 August – Pot Luck and meteor shower campout at South Fork Prairie, contact David and Kathy Winn.

4 September – Kansas City Chapter meeting, 7:00 PM at the Discovery Center.

15 September – Field trip to James A. Reed Conservation Area, contact Elmo Law.

13 October – Field trip to the Richter Holler, details TBD, contact John Richter.

OSAGE PLAINS - Casey Burks

14 July - 6:30pm, Saturday Meeting and Annual potluck at Dale Jennings located off 7 Hwy, near Coal.

28 July - Saturday Field trip to Wah' Kon-Tah Prairie, St. Clair Co. Carpool from Henry CO. Library parking lot. Meet at 9:00 a.m. Contact the Harlans for more information. 660-885-3350.

August - no meeting; but field trip TBA by the Harlans

28-30 September - MONPS state meeting and field trip to Cuivre River State Park.

September 17: 6:30pm. Monday Meeting at Henry County Library Friends Room. Topic: Invasive Plants of Missouri: Bad bad Bradford pear – Presented by Theresa Cline.

OZARKS - Susan Farrington

17 AND 21 July August, Tuesday, 6:30 pm: Plant identification nights. Bring plants or photos of plants to identify, and your favorite field guides. We'll learn how to read and use keys to identify plants. Meet at MDC Ozark Regional Headquarters. 551 Joe Jones Blvd. West Plains. Contact Susan Farrington for more details (see contact info on back).

PERENNIS - Allison Vaughn

21 July 21 - Saturday, 9am - Wildflower hike at Trail of Tears State Park - we will take the PeeWah Trail through the wild area to see ferns and late summer wildflowers. After the hike, we will visit a local winery for lunch. Details will be provided on www.semonps.org

ST. LOUIS - Rex Hill

17 July and 24 - 6:30 to 8:30 PM Richard Abbott will teach a class at Meramec Community College on, *Understanding Cladograms: A Phylogenetic Overview for Field Botanists*. Register at www.stlcc.edu/ce

21 July - 9:00 a.m. to noon - a morning fieldtrip with Richard Abbott.

18 July – 7:30 PM (third Wednesday) – Bob Gillespie, MDC natural history biologist, will give a program on *Sand Prairies of Southeast Missouri*.

*Note: **new** location, Sunset Hills Community Center, 3939 South Lindbergh

22 August - 7:30 PM – Dennis Meinert, Missouri Department of Natural Resources Soil Specialist, will present a program on the Missouri Cooperative Soil Survey with particular attention to his recent work in the LaBarque Creek watershed.

*Note: Sunset Hills Community Center, 3939 South Lindbergh Blvd.

26 September – 7:30 PM – George Yatskievych of the Missouri Botanical Garden will present a talk, *A Botanist on La Frontera. A Trip to the Mountains of Sonora, Mexico*.



<http://www.blueplanetbiomes.org/>

*Note: Because of MDC changes to sponsoring evening meetings at their facilities, we have moved our meeting site to the Sunset Hills Community Center, 3939 South Lindbergh Blvd. (at the Sunset Hills City Hall, south of Watson Road, near the corner of West Watson Road and Lindbergh Blvd.)

SOUTHWEST - Brian Edmond

24 July - Monthly Meeting at Springfield - Greene County Botanical Center. Native garden maintenance. Other topics TBD.

28 August - Monthly Meeting at Springfield - Greene County Botanical Center. Native garden maintenance Other topics TBD.

25 September - Monthly Meeting at Springfield - Greene County Botanical Center. Native garden maintenance Other topics TBD.

MONPS New Members

Richard Cassell, Louisville, KY ~ Annie Willis, Jefferson City
 Kenny Williams, Tebbetts ~ Steven Rolfsmeier, Chadron, NE
 Pammela Wright, West Plains ~ Ron Colatskie, Imperial
 Shelly Colatskie, Imperial ~ Patsy Hoekstra, Deepwater
 Gary Baldwin, Clinton ~ Suzanne Hamby-Jones, Stewartsville

HAWTHORN CHAPTER -

On April 14 our booth was set up for the Plant Sale held at Bradford Farms, East of Columbia. Our sale brought in a total of \$1,166.00 including book sales of approximately \$30.00. This was another record sale for us, thanks to those members that propagate and supply plants, assist in set up and operation of the booth, as well as advising customers on the best species and planting requirements for their particular site. April 22 was Earth Day in Columbia, an event held at the University Peace Park downtown that brings together a variety of products, crafts, services, promotions, and people. In spite of a rather cool, cloudy, windy day, our booth sales of plants and books totaled \$526.00.

A few members ventured to Hawn State Park, May 4-6, for a camping weekend. They reported that in spite of hot and humid weather and many ticks it was a very enjoyable outing. Hawn SP is always a great place to visit due to the diversity of plants, animals, and habitat types. Some plants had already bloomed due to the early spring, but Partridgeberry and one Showy orchid was blooming and fringed sedge, Cinnamon fern and many lady ferns were found. A white-footed mouse colony was also discovered. The mice were even reported to be sluggish due to the heat and were very slowly climbing up the trees. (Ref. June 2012 Hawthorn Chapter Newsletter pp. 4). I'm sorry I was unable to join this trip.

Our regular meeting was held at the Unitarian Church on May 14. An informative and enjoyable program on Orchids was given by David S. Kubiak, BS Nursing, MHA with an earlier background in Biology and Ecology. David grows Orchids and spoke about some of the problems involved, as well as presenting descriptions, habitat requirements and ranges of many of our native Orchids.

John White, Chapter Representative

KANSAS CITY CHAPTER

In April, we took a field trip to Hobby Hill Park, located in Gladstone, Missouri. Our first flower of the day was bluets (*Houstonia minima*), found growing in the mowed grass of the picnic area. It was determined that April is a great time to learn many of the common species in the carrot family - Apiaceae.

Also, it was evident that Callery pear is definitely naturalizing to old field habitats within the Kansas City region.

Pat Whalen gave a presentation on nature photography at the May 1st Chapter meeting. Catnip tea was also brewed for those who would like to sample the brew. Native plant sales were held at two locations in May, as this continues to bring in revenue for our Chapter.

John Richter, Chapter Representative

OSAGE PLAINS CHAPTER

April 13 - 15 - MONPS Spring Meeting at the Drury and Mincy Conservation Areas.

Casey Burks and Pat Hoekstra enjoyed attending the meetings and field trips at this beautiful area south of Branson that borders Bull Shoals Reservoir. Several of the members took advantage of the free lodging and campsites that Michelle Bowe secured. At Friday night's meeting, Larry Wegmann, president of the Southwest Chapter, and Dr. Laszlo Kovacs, professor of biology at Missouri State University, shared information about important Vitis cultures and memories of the that killed most of



State University, about important refreshed our Phylloxera aphid the grapevines

in Europe. C. V. Riley, Missouri's first State Entomologist, encouraged grafting of French grapevines onto resistant American rootstocks which saved the industry. After the presentation, we gained much culture by tasting different wines, especially the Norton!

On Saturday, we enjoyed driving along and across beautiful, clear, Bee Creek and marveled over the fragrance of fringe trees. Amazingly, there was tall native cane along the road in one area! In the Conservation food plots, we saw the first arriving Monarch Butterflies. Sunday morning, we were privileged to explore a glade being managed by the College of the Ozarks with blooming prairie primroses, ongoing yucca studies, smoke trees and other amazingly beautiful glade plants.

April 16 - Osage Plains Branch meeting at Clinton Library Friends Room.

Elizabeth Middleton, Grassland Botanist with the Missouri Dept. of Conservation, presented research on the importance of the symbiotic relationship of mycorrhizal fungi and plants within the prairie. (I learned to not use potting mix with fertilizer and other additives when growing milkweed seeds but rather to use basic prairie soil with the good fungi.) Branch Elections were then held:

President: Emily Horner; Vice-President: Scott Lenharth; Chapter Rep: Casey Burks; Secretary: Dorothy Harlan; Treasurer: Bernie Henehan; Field Trip Coordinators: Jim and Dorothy Harlan.

April 28 - Field trip to Connor O'Fewell CA. Henry CO.

The Harlans, joined by nine other plant enthusiasts, enjoyed a beautiful day to journey to this Conservation Area. Since many of the plants were not in the flowering phase, a deeper knowledge of taxonomy was called into play and small discussion groups, with a variety of resource books, often formed around a plant.

May 19 - Field trip to Paintbrush Prairie.

With the group of eight, Dorothy Harlan recorded 47 species plus one large plant that none of us had a clue. Thanks for MONPS facebook, Alan Brandt identified it as Indian plantain. Also found several interesting plants along the gravel road that weren't on the prairie—it was hard to leave. Other members worked on the Mead's Milkweed Survey at Wayne Morton's Prairie north of Cole Camp.

May 21 - Osage Plains meeting & Plant Swap at the Friends Room, Clinton Library.

The room was filled with people and plants and enthusiastic discussions sharing how much light was needed, how much fertilizer etc. Most every plant went home with a new owner. Everyone enjoyed a drink of New Jersey Tea made with fresh leaves. Since April, the Osage Plains Branch has rejoiced in the addition of five new members!!

Casey Burks, Chapter Representative

OZARKS CHAPTER

In April, we had a very interesting program by consulting forester Bob Cunningham about the history of shortleaf pine in the Ozarks, focusing on the logging of the big pines that took place about a hundred years ago. Bob showed slides from his amazing collection of historic photographs of the Ozark region, and shared his vast knowledge of Ozark culture. In May, we had a great field trip to Tingler Prairie, enjoying a pleasant evening wandering the prairie. The goat's rue and bee balm were lovely, and the dickcissels serenaded us.

Susan Farrington, Chapter Representative



Short-leaf pine photo courtesy of
:http://www.lovettpinetum.org/

ST. LOUIS CHAPTER

On the evening of April 25, at the Powder Valley Nature Center, John Atwood of the Missouri Botanical Garden herbarium staff gave an excellent talk on the Bryophytes of Missouri. He has been finishing some work started by Carl Darigo a recently deceased, beloved and very active member of the Webster Groves Nature Study Society. Carl had been collecting records of mosses seen in the various counties in our state and was developing a checklist of Missouri Mosses and John was good enough to organize these data into county distribution maps. He gave a very informative talk, particularly for the novice, on how mosses can be grouped into three major types, the tuft-forming (acrocarpous) mosses, the mat-forming (pleurocarpous) mosses, and the sphagnum. There are upwards of 20,000 mosses worldwide, of which 326 are known from Missouri. His talk, with many visual examples, discussed which of the mosses are common and widespread in the state, which are rare, and some that are habitat specific. He also included some examples of other bryophytes, liverworts and hornworts, found in Missouri. John is a past recipient of the Stan Hudson award from the Missouri Native Plant Society, an active member, and this work on the Checklist of Missouri Mosses will appear in an upcoming Missouriensis journal. On a personal note, the talk was inspirational to Martha and me and caused us to get out our little-used, and somewhat dusty dissecting microscope to view a few mosses in detail and try to learn more.

The St. Louis Chapter sponsored a booth at the annual Mother's Day native plant sale at the Shaw Nature Reserve on May 11 and 12. Several members manned the booth, handed out literature, discussed native plants with people who stopped by, and we also sold a few T-shirts. The new Orchid shirt was quite popular and served as an excellent conversation starter with people who visited our booth. On May 18 and 19, a full class of participants attended the Grass Identification Workshop taught by Paul McKenzie and assisted by Nels Holmberg at the Meramec Community College. These classes, promoted by Nels over the past 10-plus years, provide a revenue source for the Society which goes to our Hudson fund. The instructors volunteer their considerable time and kudos to them and to Nels who has served as our liaison with the college.

In May, on the evening of the 23rd, Richard Abbott, a researcher at the Missouri Botanical Garden, and currently working as an assistant to Peter Raven, President Emeritus of the Garden, gave a talk on the vines of Missouri. Richard has traveled widely in the United States, and abroad, looking at plants with an eye to those characteristics that place them in one family or another. He focused on vines to limit the considerable amount of material that he might have presented, and those of us that attended wished he could have spent more than the allotted hour for his presentation. He presented numerous, detailed, and beautiful images of plants he had photographed emphasizing the familial characteristics that we all, sometimes unknowingly, use to identify a plant that we are observing. His talk reminded us of all the vines we have observed on our forays into the wild and gave us a better appreciation of what we are looking at. We have gotten to know Richard through his participation in the Monday botany walks sponsored by the Webster Groves Nature Study Society and his enthusiastic participation and his kind and generous spirit of patiently teaching us on those walks spilled over into his talk. We were all very appreciative of the effort he must have put into this elaborate presentation and the accompanying handouts.

Rex Hill, Chapter Representative

Southwest Chapter

On April 21st, the SW chapter co-ordinated with the Missouri Prairie Foundation and joined them on a hike to see the Small White Ladyslipper Orchid in Shannon County. Susan Farrington was our guide. We originally had planned this trip for the 28th and asked Bill Summers to help us locate this orchid population. The early warm-hot spring weather forced the orchid to bloom two weeks early. There were several colonies that peaked the previous week. We were able to locate a few plants that were at their best. We also located a colony of Small Yellow Ladyslipper Orchids adjacent to the white orchids. Bill Summers mentioned that we should find the Coral Root Orchid, but we didn't find any.

Our April meeting was spent in the native gardens. First, we performed some weeding and basic maintenance for existing gardens. Next, several of us spent an hour perusing the native prairie, maintained by the Missouri Prairie Foundation.

Bob and Ruby Ball thought that we should hit the road for a May botanizing trip. Larry Wegmann suggested Pickle Spring, Hawn State Park in Sainte Genevieve County and Victoria Glade in Jefferson County. We hoped more members would take up the adventure, but only four of us could make the trip. We did find the last blooming azaleas at Pickle Spring. The ferns were at their best and the Viola pallens was in bloom. We did not attempt to locate the Isotria orchid since it blooms at the same time as the azaleas. That evening we had dinner at the Chaumette Vineyard & Winery. We had perfect seating to watch the sun set over the hills as we dined on their patio. The food and wine were excellent. If you have been following our chapter's posts, there has been somewhat of a theme to our recent meetings!

CHAPTER REPORTS



Prairie Blazing Star photo at White Ranch CA
courtesy of Susan Farrington

SW Chapter continued

Sunday we drove to Victoria glade and found the Clematis fremontii in perfect bloom. We found both colors, lavender and the pure white variety. The Missouri Primrose was in prime bloom. The Pale Coneflower was just starting. Again, most everything is 2 to 3 weeks early. Our Facebook pages have photos taken on these trips. If you have not become a member, "friend" us at Missouri Native Plant Society Southwest Chapter.

Several people showed up to weed the native gardens at the park before the May meeting. Bob Ball ended the evening with a fantastic presentation of the flora and fauna of the wetlands he and Ruby have visited over the past couple of decades.

May 29th Sue Hollis brought more perennials to add to the native flower garden. Four members helped plant and weed the gardens at the Botanical Center.
Brian Edmond, Chapter Representative



Rosco, Steve Buback and Jack Harris explore the glades at Drury Mincy Conservation Area
photo courtesy of Susan Farrington



Thomas Family enjoy a picnic
photo courtesy of Susan Farrington

MEMBERSHIP INFO

Dues are Due ~ Ann Earley, Membership Chair

Membership renewals for the July 2012-June 2013 year are due. Please check the top line of your mailing label. If it shows the date 20120630, your dues are now payable. When renewing, please remember to include your contact information 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!

Society Dues	Chapter Dues
(Chapter dues additional)	Columbia. \$6
Student dues. \$5	Kansas City \$5
Regular. \$10	Osage Plains. \$5
Contributing. \$20	Ozarks Native Plant . . . \$5
Life. \$200	Perennis. \$5
	St. Louis. \$5
	Southwest Missouri. . . . \$5

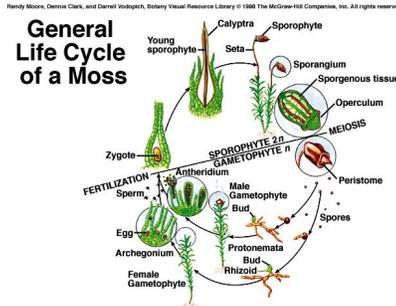
Make checks payable to Missouri Native Plant Society
Mail to: Missouri Native Plant Society
P.O. Box 440353
St. Louis, MO 63144-4353

(Circle all above that apply)
\$ _____ Contribution for student research award (Hudson Fund)

Name: _____
Street: _____
City, State: _____
9-digit ZIP: _____ Phone: _____
E-mail: _____

All contributions are tax deductible

Carl E. Darigo (1927-2012) is bestowed the Julian A. Steyermark Award for his work with bryophytes in Missouri. Missouri lost an industrious and dedicated bryologist earlier this year with the death of Carl E. Darigo. During his time at the Missouri Botanical Garden, Carl determined thousands of Missouri collections sent to him by nearly every Missouri botanist interested either in mosses, or the general floristic composition of a particular region. In addition to the great amount of time Carl spent identifying mosses and liverworts, he also published numerous peer-reviewed papers on bryophytes. His work has significantly contributed to Missouri conservation survey projects as well as to the overall documentation of Missouri bryophytes.



Carl began volunteering in the bryophyte herbarium at the Missouri Botanical Garden in 1992, and was appointed Research Associate in 2002. He was to receive a twenty-year service award from the Missouri Botanical Garden this coming year. Carl was principally interested in bryophyte floristics. He was a patient and analytical taxonomist, and this made him a critical observer of the subtle taxonomic characteristics used to name mosses. Although Carl dedicated much of his time to producing comprehensive, specimen based checklists for Missouri and Maryland, he also worked diligently in naming the undetermined specimen backlog in the MO herbarium, including bryophytes from Kansas, Nebraska, Oklahoma, and Maryland (about 4500 specimens). In addition, Carl regularly checked the determinations of incoming specimens, annotated existing herbarium specimens, and contributed his own specimens to the herbarium (about 4000 specimens). Most importantly, because of his incredible work ethic, he processed all of these specimens and returned the names to the collectors in a timely manner. He collaborated with numerous amateur and professional botanists throughout Missouri including members of the Missouri Department of Conservation, the Missouri Department of Natural Resources, the Missouri Master Naturalist program, the Missouri Native Plant Society, and the Webster Groves Nature Study Society. As a result of his efforts, he contributed over 10,000 identified specimens to the MO herbarium.

These collections formed the basis for his numerous publications. During his career at the Missouri Botanical Garden, Carl published 35 manuscripts in peer-reviewed journals that included 26 papers on the bryophytes of Missouri (see attached bibliography). The majority of these publications contained new Missouri county records for mosses based primarily on specimens Carl received from collectors. These records established the foundation for a revised checklist and atlas of Missouri mosses, which Carl nearly completed before his death. His manuscript is currently being completed for future publication in Missouriensis. In his published work Carl reported 17 new Missouri records; excluded a species from Missouri on the basis on a misdetermined specimen; and elevated an infraspecific taxon to the species level. Carl also co-authored a paper on a new species found not only in Missouri, but throughout the Interior Highlands of North America.

Julian A. Steyermark, a former curator at the Field Museum of Natural History, is listed in the Guinness Book of World Records as the "champion plant collector," having made an unrivaled total of more than 137,000 collections. He discovered and described more plant species than any other botanist of recent times.

Lance Jessee is bestowed the Plant Stewardship Award for his exceptional work and demonstrated passion for Missouri's native flora. Lance's contributions are many and varied and reflect his wide-ranging interest in native plants including management & stewardship, research, and fostering knowledge and appreciation of native plants through the education of others.

Lance has been an enthusiastic volunteer for Kansas City WildLands (KCWL) organization for about a decade. He was instrumental in developing and leading the seed team that collects native seeds for KCWL restorations. As an experienced field botanist, he has helped teach native plant identification to new volunteers. He has expanded the organizations efforts by providing communication on events and sharing his knowledge and encouraging others to do so as well. Because of his enthusiasm for the seed collection efforts, Lance independently developed a website to assist our Seed Team members with their plant skills. This invaluable resource provides views of target plant species in bloom, what they look like when seed is ready to harvest, and what the seed itself looks like (www.kswildlands.org). Information is also present on blooming and seed harvest phenology and a ranking system prioritizing which species are most important for KCWL sites. In addition to his work with KCWL Lance assists with the seed harvest at Wah'kon-tah prairie.

If that is not enough, Lance also willingly leads educational hikes for various groups and occasions including volunteering time to help an inner city youth group. Many of these students may have had their first exposure to native plants and natural communities. Lance's knowledge, patience and demeanor make him an effective leader that people respond to very favorably.

Lance has developed a keen interest in the conservation of the federally threatened Mead's milkweed (MM). He has participated annually in the MM count at South Fork prairie and discovered a new population of MM on the site. Lance also assisted the Kansas Biological Survey with surveys at The Prairie Center in Olathe and Kill Creek Park. These efforts were productive in many ways, but when he discovered a rich population on a prairie remnant on private land he was able to share his enthusiasm with the landowner and influence the management of the population. Seeds harvested from plants identified in these KS surveys were sent to Powell Gardens to germinate and use in MO.

Lastly, Lance participated in surveys for prairie fringed orchids in NW Missouri and he demonstrated a keen eye in the field last year by discovering a previously unknown Silphium hybrid (rosinweed X compass plant; *S. integrifolium* X *S. laciniatum*). The discovery led to a co-authored article with George Yatskievych. Those that know and work with Lance admire his great enthusiasm and genuine passion for native plants and conservation.

The Plant Stewardship Award is "for leadership and innovation in protecting Missouri's Terrestrial Natural Communities and the Conservation of our Native Flora."

Blazing Star Award

- Nominate someone you know for the Blazing Star Award!

This award recognizes someone who demonstrates excellence in using native plants in landscape design and implementation in private and professional gardens, the use of sustainable gardening by using native plants, and/or excellence in education of non-Missouri Native Plant Society members of the benefits involving 1) restoring or managing adverse natural plant communities, or (2) using native plants of local ecotypes in landscape design and gardening.

- How to nominate*

A short paragraph (no more than half a page) of nomination explaining why the nominee should receive the award must be signed by the original nominator and verifying member, must be accompanied by photograph/s for documentation, and must be submitted to the president of the Missouri Native Plant Society



MISSOURI NATIVE PLANT SOCIETY

Quarterly Board Meeting 14 April 2012

Bull Shoals Field Station, Branson, MO

•President Paul McKenzie(PM) called the meeting to order. A quorum was present. Susan Farrington(SF) agreed to act as secretary for the meeting. The agenda was approved. John Oliver(JO) volunteered to serve as the recorder.

George Yatskiyevych(GY) made a motion seconded by Sherry Leis(SL) to approve the minutes from the December 2011 meeting. The motion passed.

Treasurer's Report – Bob Siemer submitted the report which was reviewed.

PUBLICATIONS AND MEDIA

Petal Pusher – The job of Petal Pusher editor is a very difficult one and important since the Petal Pusher represents the Society to the public. There have been issues with chapter representatives getting their reports in on time. To facilitate the job, the board needs to provide a structure and format, including software, as well as encouragement and being on time with submissions. A job description should also be provided which includes letting the editor know they are a member of the board and should attend board meetings. PM will contact Janet to inform her of the board conversation and offer her our assistance to make improvements.

Distribution Chairman – Bill Knight (BK) reported that he had to mail the last issue first class resulting in an additional \$110 postage cost. He said it won't happen again.

Publicity Chairman – There was no report. Kevin Bley couldn't attend the meeting due to just adopting a daughter – congratulations to the new parents!

MONPS Website – The website has not been updated since last year. Brian Edmond(BE) has tried to contact David Winn - our current webmaster - twice, but has not received a reply. PM asked Sue Hollis – who agreed – to contact David to facilitate the transfer of the Society website to Brian.

Missouriensis – GY ordered 50 additional copies of the last volume printed since there were more requests for them. He had hoped to have the next issue ready for the April meeting, but it didn't happen.

COMMITTEES & TASK FORCES

Membership – Ann Early could not attend and sent an e-mail stating that since the December meeting, we have 14 new members including one new life member. Currently we have 57 life members and 318 members total. JO will put a reminder on Facebook about membership dues and the July 1st deadline. Rex Hill(RH) will update the details on the membership envelopes and get them to Bill Knight.

Archives – Jack Harris reported that all is well.

Awards Committee – Nadia Navarette-Tindall could not attend the meeting. GY reported he had heard that two nominations for awards have been received.

Social Media Committee – The report was deferred to later in the meeting.

Hudson Awards – The committee received seven applications all of which were excellent. The committee all agreed, however, on the best applicant, so selection was easy. Alice Tipton is to receive the award. She is studying at the University of Missouri – Columbia. Her study is entitled “Restoration at the roots: Rudbeckia missouriensis and its effect on mycorrhizal interactions and dolomite glade restoration”.

SOCIETY BUSINESS

Kansas City chapter representative - The newly-elected Elmo Law – has resigned. The Chapter will need a new representative.

Brochures – GY asked for any suggested changes but did not receive any. SF moved and JO seconded a motion that the brochure be printed as is. The board approved the motion. Since a sizable discount is available if we order 1500, SL moved and BE seconded that 1500 be printed. The motion passed. GY will contact the current printer for prices for both 1000 and 1500 copies as well as copy requirements and BK will contact Minute Man Printers to determine details of their ability to print the current brochure format as well as obtaining prices and copy requirements.

MONPS tote sacks & orchid T-shirts – The state chapter is out of medium t-shirts and has 7 small, 19 large, 17 X-large, and 7 XX-large left as well as 32 tote bags.

GY moved we order 84 more shirts (the minimum order to receive the same price structure). Rex seconded and the board approved. GY will contact Allison Vaughn to order the additional shirts with a size distribution that is heavy on medium.

MONPS Statewide Locality Database – BE hasn't had a chance to make changes to update the database and probably won't be able to do it this summer. He is looking forward to getting the changes made next winter.

Possible future Native Orchid Conference in AR – PM e-mailed Theo Witsell in AR to see if their Society would be interested in hosting a national conference. Theo has not heard back from all the board members yet.

Social Networking – BE has been testing two websites, Project Noah and iNaturalist. There are some usability issues with them – they work best when you use a smart phone rather than a computer. JO and others have been posting a lot of photos on the Facebook page which has generated discussion and interest. BE and JO both mentioned Twitter as an excellent way to follow news as it happens.

Miscanthus MPF letter – MPF asked that we sign on to their letter opposing the large-scale planting of giant Miscanthus for bioenergy, and we have done so. The good news is that there might not actually be a lot of interest in planting it given that it requires specialized equipment.

Steve Timme – Steve Timme passed away recently. The obituary mentioned that memorial donations could be made to MONPS in his honor. RH moved and SF seconded that any money received would be deposited in the Hudson Fund. The motion was approved. If any donations are received, the family will be notified. PM will send a card to the family offering our condolences and informing them of our intention to apply any donations in Steve’s name to the Hudson Fund.

CHAPTER REPORTS

The written reports are in the Petal Pusher. Updates were given by some of the chapter representatives present. John White representing the Hawthorn chapter said they hosted an interesting talk about alligator snapping turtles as well as having a booth at the Earth Day festival in Columbia. Sue Hollis representing the Kansas City chapter reported they had a talk about the sex life of plants by Elmo Law in March. RH for the St Louis Chapter said that PM is teaching a grass class and Richard Abbott is doing a class on phylogeny of plants with the proceeds going to MONPS. SF for the Ozark chapter said a work day brought only two people out and they need to learn Kansas City’s secret! BE for the Southwest chapter reported they had presentations by SF on how to kill invasive plants and another by a member who talked about frost flowers. They have also had a lot of field trips this spring and have even more coming up.

MISCELLANEOUS ANNOUNCEMENTS

- The next meeting will take place June 1-3 in the Camdenton area details to follow.
- A grass id workshop will be held May 18-19 at Meramec Community College.
- JO reviewed the assignments.
- Thanks to Michelle Bowe for arranging to have our meeting and field trips at the Bull Shoals Field Station. It was great to be able to socialize and camp out together.
- The meeting was adjourned.



Those in attendance were:

- | | |
|------------------|--------------------|
| Michelle Bowe | Sue Hollis |
| Casey Burks | Bill Knight |
| Brian Edmond | Sherry Leis |
| Susan Farrington | Paul McKenzie |
| Jack Harris | John Oliver |
| Pat Harris | John White |
| Martha Hill | George Yatskievych |
| Rex Hill | |

adapted from

<http://mdc.mo.gov/discover-nature/avoid-outdoor-pests-0>

Chiggers - The worst thing about Missouri summers is chiggers, which are nearly invisible but leave itchy red welts. Avoid their habitat areas, especially after noon. Protect your skin by wearing tightly woven clothes that cover as much of your body as possible with minimal openings, applying insect repellents and bathing soon after exposure.



Mosquitoes - Who likes mosquitoes? Certainly not people! However, mosquitoes have lived on Earth for millions of years, and all that time they’ve been feeding fish with their legions of “wiggler” larvae. Mosquitoes plague us with their whines and itchy bites as well as with the serious and life-threatening diseases they transmit to humans and other animals. Their economic impact is staggering. Historically, the avoidance of “malarial” swamps determined where towns did or didn’t develop.



Poison Ivy - This toxic plant contains an oil in all its parts that, if you come into contact with it, can cause an intense skin reaction. This is no reason to stay indoors, however! Learn to recognize poison ivy, and sidestep it on your outings. The poison ivy reaction can be reduced if you change clothing immediately and wash the exposed skin with soap and water. if you can wash all the oil off exposed skin within five minutes of contact, no reaction will occur. Even water from a running stream is an effective cleanser. The oil from poison ivy can remain active on clothing and footwear as long as a year so be careful not to expose yourself to the oil again. The oil can also be transmitted on pet fur and in the smoke of burning poison ivy.



Ticks - Some of the most problematic animals in Missouri, ticks drink the blood of humans and other mammals. The idea of blood-sucking parasites is hideous enough, but ticks are known carriers of serious, sometimes deadly diseases. Remove embedded ticks promptly. You cannot make a tick remove itself; you must pull it out. Use tweezers. Lightly pinch the tick as close to your skin as possible (don’t squeeze the tick’s body fluids into yourself). Pull straight out. Wash and disinfect the area; apply antibiotics.



Yellow Jackets - Yellow jackets are bee-sized social wasps that build paper nests, usually underground. Although these wasps do much that benefits humans, their capacity for colonial, defensive stinging makes them a major pest when they nest near people, especially since some people are allergic to bee and wasp venom. Their defensive stinging makes them a major pest when they nest near people. If you want to eliminate a yellow jacket nest, consult a licensed exterminator.





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-

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