



Petal Pusher

NEWSLETTER OF THE NATIVE PLANT SOCIETY

January-February 2012

Vol. 27, No. 1

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

The Missouri Botanical Inventory System (MOBIS)

For several decades now, many different methods have been used to track populations of plants in Missouri. Specimens have been tracked in various herbaria around the state as well as the Flora of Missouri project. Rare and endangered species are tracked with various databases and monitored by several state and Federal agencies.

Common species, for the most part, have been immortalized in photography collections and various "plant lists" maintained by individuals and public land managers. However, a standard and centralized method to track all plant species using the same method has been lacking. The Missouri Botanical Inventory System (MOBIS) has been initiated to fill this gap.

Like a human census, MOBIS will be a method to track all occurrences of plant species and important information about each. The eventual goal will be detailed information about plant populations at every conceivable geographic level, from the entire state all the way down to an individual pond or glade, if desired.

MOBIS will be implemented as a web database application. Public land managers as well as private landowners will be able to use the system to track observations of plant species. Both amateur and professional botanists around the state will have the opportunity to contribute inventory records to the project.

For security reasons, certain plant taxa and some sensitive geographic regions will not be publicly available through the web interface.

Look for the Missouri Botanical Inventory System in the spring of 2012!

St. Louis Chapter

Pat Harris, chapter representative

The Botany 2011 conference convened at the Chase Park Plaza in St. Louis on July 9-13. An exhibit booth, jointly operated by American Fern Society and MONPS was staffed by Sue Hollis from the Kansas City Chapter. Assisting her were Larry Morrison and Jack Harris. They sold 86 T-shirts and three tote bags. They also recruited 2 new members.

Twenty five people attended our 24 August meeting at Powder Valley Nature Center.

President, John Oliver, reported that he had sent a letter (in response to a motion made at the July meeting) to the Missouri Department of Natural Resources (DNR) with comments supporting the LaBarque Creek being designated an Outstanding State Resource Water (OSRW). He also announced several upcoming field trips and native plant classes.

Danelle Haake, Restoration Ecologist, for Litzinger Road Ecology Center (LREC), presented a program on Urban Floodplains: Invasive species, the "villians of the plant world."

The Center has 34 acres: ten acres of prairie and fourteen acres of woodland with one-half mile of Deer Creek running through one side of the property. Twenty-eight acres are in the floodplain.

A lot of time is spent trying to control the twelve invasive species on the site, which are: *Lonicera maackii* (bush honeysuckle); *L. japonica* (Japanese honeysuckle); *Ailanthus altissima* (tree-of-heaven); *Alliaria petiolata* (garlic mustard); *Ranunculus ficaria* (lesser celandine); *Euonymus fortunei* (wintercreeper); *Rosa multiflora* (multiflora rose); *Humulus japonicus* (Japanese hops); *Fallopia japonica* (Japanese knotweed); *Lespedeza cuneata* (sericea lespedeza); *Sorghum halepense* (Johnson grass); *Clematis terniflora* (virgin's bower).

Danelle bought in specimens to show us in case we weren't familiar with the plants. And if that's not enough, there are two new threats, *Microstegium vimineum* (Japanese stilt grass); and new to the state, *Achyranthes japonica* (Japanese chaff flower).

Seed dispersal can be done by flood water and animal droppings and root transfer by tubers, bulblets and broken fragments. Danelle recommends we should learn to recognize these plants, and remove them if possible. They can be removed at home, at community events, and volunteer opportunities.

Twenty-five people attended the Fern Class held by George Yatskievych at Meramec Community College on September 20th. There was a field trip to Pickle Springs Natural Area on October first. The class tried out some skills they learned in two evenings, to identify the ferns they found there.

At our September meeting, 37 people were in attendance to hear Allison Vaughn, Natural Resource Steward, Missouri State Parks, Missouri Department of Natural Resources (DNR), speak about the Diversity in Fire Regimes, 31 years of Ecosystem Restoration in Missouri State Park.

Allison presented a well illustrated historical summary of the trajectory of how Missouri State Parks land management policies have evolved over the years from the period when fire was considered a calamity to nearly all public land managers to the present where fire is known to be as essential element to the fundamental health of our native biological communities.

Her survey began with the initiatives of Paul Nelson while at Cuivre River State Park. Adopting a scientific perspective where observations and documentation provided the basis of applied land management decisions, various fire regimes were designed, applied and tried. Empirical observations over the years have noted that the response of the native flora was greatly stimulated in forest, prairie, and glade, and were documented. Early on a scientifically sound record keeping system was designed and implemented by Rex Hill and Mike Currier. This system has permitted a rapid assessment of the complex of biological output when fire regimes are varied seasonally (winter, spring, growing season), and then applied to a variety of biological communities (glades, prairies, forests). Notable examples of this data show that in one case the quality index of native flora improved by 500% when comparing a before and after situation. The learning curve has been long and includes great leaps in knowledge of natural processes and how we should manage our natural heritage. It is not without some residual controversy and there remains a great deal to be learned.

But even casual observation will confirm that we are on the track to leave our natural heritage resources in better condition that we found them.

October 26 was a chance for St. Louis Chapter members to Show & Tell about the places they visited the past year. Jane Walker started with plants from her backyard. Some that were blooming for the first time. Larry Morrison showed the first frost flower of this season. Also images from a trip to Door County. And his first attendance at a Native Orchid Conference (NOC). This year the (NOC) field trips were to Pennsylvania and New Jersey. He showed several hybrids of various *Platanthera* species.

Jack Harris and Pat Harris showed images of *Liatris aspera* (rough gayfeather) and *Erianthus alopeduroides* (silver plume grass) at Coppermine Hollow Glade. These were seen on a field trip sponsored by the Missouri Prairie Foundation led by Susan Farrington. Burt Noll showed some *Spiranthes*, some ferns from Michigan and a rose moss from St. Francois State Park.

Nels Holmberg showed images of big bluffs and streams from La Barque Creek watershed. He also had images of *Dodecatheon frenchii* (French's shooting star) and *Triphora trianthophora* (three bird orchid) that he saw in Hickory Canyon. Wayne and Nancy Clark had images from a Fern Class (Instructor George Yatskievych) field trip to Pickle Springs Natural Area. They also had images from trips to Maine and Pennsylvania and some of Nancy's photo study renditions in black and white. Steve Turner had images of plants from an old home site. He also had plants from SE Missouri sand prairies, Holly Ridge and Crowley's Ridge. George Yatskievych showed images of his trip to California in May where he saw *Sarcodes sanguinea* (snow plant). Rex and Martha Hill showed scenes from a trip to Rocky Mountain National Park in July. While on their way to Fern Falls in Colorado they saw *Cypripedium fasciculatum* (clustered lady's slipper), one of the shortest lady's slippers, and while at Lolo Pass in Idaho they saw *Clarkia pulchella* (beautiful clarkia). In late September they hiked across the Grand Canyon, north to south, accompanied by Bruce and Ann Schuette. Last but not least, John Oliver showed images of various field trips over the past year.

St. Louis Event Schedule

25 January, Wednesday, 2012: 7:30 PM – Dr. Kyra N. Krakos will discuss the role of plant reproductive systems in explaining the species diversity within *Oenothera* and the use of the *Onagraceae* as a model for analyzing the role of reproductive biology in plant evolution. She will also touch on the way recent molecular phylogenetic studies have clarified relationships within *Oenothera*, and the diverse pollination systems within *Oenothera* section *Gaura*. The program will be held at Powder Valley Nature Center, 11715 Cragwold Road, Kirkwood, MO.

22 February, Wednesday, 2012: 7:30 PM – Martha Younkin will speak on the use of native plants as materials for cordage and practical craft projects. She will have examples of some of her work including baskets made from plant cordage and other natural sources. There will be a "hands-on" component to the program. Plant materials will be provided, and attendees will get an opportunity to try their hand at making something out of some commonly available plant fiber sources. The program will be held at Powder Valley Nature Center, 11715 Cragwold Road, Kirkwood, MO.

Hawthorn Chapter

John White, chapter representative

On October first, four chapter members (accompanied by Charlie the dog) ventured to Ha Ha Tonka State Park for a mosey along the Quarry Trail.

This 1.75 mile wooded trail circles behind the castle ruins and opens up to a large dolomite glade on the bluff west of the castle. There was a good variety of flowers and colors including asters, goldenrods and glade onion as well as cliff goldenrod and purple cliffbrake. Open views from the glade and south of the castle ruins reveal a panorama of topographic features with the lake and Ha Ha Tonka Spring far below. Heading home, we enjoyed a refreshing stop at Seven Springs Winery for a late lunch.

In an effort to get one more plant sale in this year, Tim Reinbott, Manager at MU's Bradford Farm, graciously let us use their new parking lot on Saturday October 8. Missouri Wildflowers was invited to join us and a more extensive advertising plan was pursued including some radio spots. Lea Langdon provided information on station KOPN. Becky Erickson brought two loads of plants from her home. Many thanks for the time and efforts of everyone involved in making this sale a success. Our chapter brought in about \$630.00. Not bad for a four hour sale.

Spring Creek Gap Conservation Area: 1,816 acres of forests, woodlands, old fields and steep topography.

692 acres are designated as a natural area, named Spring Creek Gap Glades Natural Area, and fire is frequently used by area managers to maintain the glades and hollows. It has some breathtaking views, especially during fall color. The area is 4 miles north of Vichy, on old 63 highway, in Maries County. Three of us visited the area October 22. An old logging road lined with asters and goldenrods is an easy walk to a glade with Prairie dock, Allium, compass plant and prairie grasses. Long term management is continuing, creating openings to increase acreage for prairie plant diversity and forage for wildlife. This area is well worth a visit.

Our regular meeting was held at the Unitarian Church November 14. Our speaker at this meeting, John George, MDC central region natural history biologist and our chapter Treasurer, gave an informative presentation on the continuing restoration and reconstruction work at Prairie Fork Conservation Area. With the help of volunteers, seed collections are made from Tucker Prairie and several other prairie remnants and natural communities in the area. More than 200 acres have been converted at Prairie Fork and produced over 210 native flowering species so far.

Hawthorn Event Schedule

9 January, Monday, 2012 - Regular Membership Meeting 6:00pm at the Unitarian Church, 2615 Sheppard Blvd. Agenda: discussions on 2012 activities. Program: seed exchange.

19 January, Thursday, 2012 - Lunch with Native Plant Enthusiasts 11:30am, Uprise Bakery, 10 Hitt St.

Kansas City Chapter Report

Daniel Rice Chapter Representative

The Kansas City Chapter met on November 1, 2011 in the Discovery Center in Kansas City. We started off with a great speaker, Jim Locklear from Nebraska. He gave a great presentation on the genus Phlox. First off, there are 61 species in the genus, 60 of those native to the North America. The remaining species is Eurasian, Phlox siberica. Some other interesting facts are that both Phlox subulata (creeping Phlox) and Phlox paniculata (summer Phlox) have been grown for over 300 years. He also had copies of his recently published book on the genus, of which several members are now proud owners.

Our business meeting followed Jim's excellent presentation. We discussed the new t-shirts (sold a few), and also set the date for our Spring Plant Sale.

We will be selling plants on Saturday May 19, 2012.

This plant sale has always been a good way to promote the Society, and makes a little money to boot!

There is also a bit of news concerning KCWildlands. I just received official notice that KCWildlands is the recipient of the Kansas Recreation and Parks Association 2011 Distinguished Public Service Award.

Congratulations, KCWildlands!

The next meeting will be Tuesday January 3, 2012. We will again be meeting in the Discovery Center in Kansas City at 7:00 pm. This is our planning session, so bring ideas of field trips for 2012.

That's all to report for now from Kansas City. If you have any questions or suggestions, please feel free to contact me at 816-461-0206 (evenings) or drice95875@aol.com.

Kansas City Event Schedule

3 January, Tuesday, 2012: Regular meeting at the Discovery Center, Kansas City Missouri starting at 7:00 pm. This is just south of the KFC on Troost and 47th Street. We will be setting up our schedule of field trips for the coming year. If you have any questions or suggestions, contact Daniel Rice at 816-461-0206.

Osage Plains Chapter

Casey Burks, chapter representative

October 17th: Members were delighted to have Rick Swopes as guest speaker. He received the 2011 MONPS Plant Stewardship Award for his years of dedication to identifying, flagging and harvesting native seeds for use in Conservation Areas. As seed harvest crew leader for over 9 years, his pictures gave us a glimpse of the huge, hot job it is to collect hundreds of pounds of native seeds while avoiding seeds of invasives such as *Sericia lespedeza*.

November:

November 14th: It was a great turn out of Members and guests with plants to share and all sizes of jars to create terrariums under the guidance of Elzie Berry. He encouraged us to use our imaginations and it was fun to cut loose with messy creativity.

President Emily Horner passed around volunteer signup sheets for program ideas and host/hostess for 2012 with engendered lively discussion and enthusiasm for sharing new experiences.

Merry Christmas and a Blessed New Year to everyone from the Osage Plains chapter!!

Osage Plains Event Schedule

No chapter meetings during December/January.

However, members are encouraged to attend the Dec. 3rd MONPS meeting in Columbia and bring ideas for prairies to visit in 2012 and dates that avoid major conflicts with other meetings.

20 February, Monday, 2012, 6:30pm. The Osage Plains chapter begins the New Year. Regularly scheduled meetings are the 3rd Monday evening of each month at the Henry County Library Friends Room.

Ozarks Chapter

Susan Farrington, chapter representative

In October, we had an excellent presentation by Dan Drees, entitled "Healing the land with fire." Dan explained how fire has shaped our Ozark native plant communities, and discussed some of the rare and beautiful wildflowers found nowhere else.

In November, Susan presented a program about how to kill invasive plants. We talked about practical methods for attacking them and discussed various chemicals and safety protocols for applying them. It seems hopeless at times, but you CAN make a difference!

Ozarks Event Schedule

21 February, Tuesday, 2012 6:30 pm - Chapter meeting at the MDC Ozark Regional Office. Julie Norris, MDC Resource Forester, will present a program about how to prune trees, especially our native trees. She will also address current insect and disease threats to our native trees. For more information, contact Susan Farrington (see contact info on back)

Perennis Chapter

Allison Vaughn, chapter representative

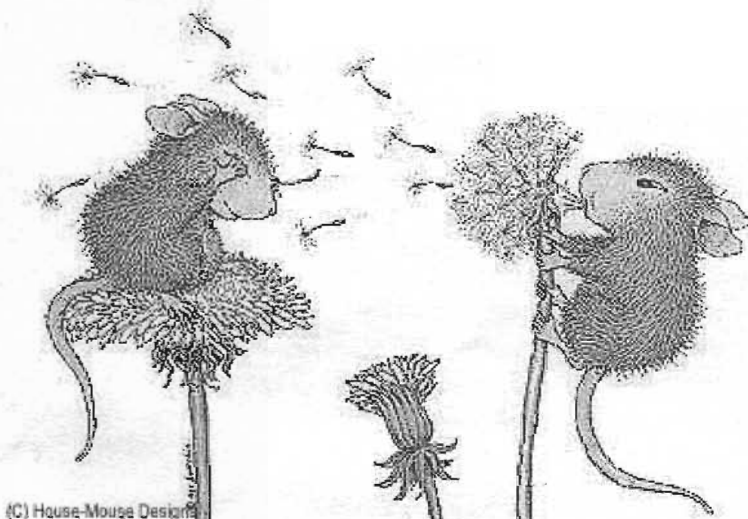
Long time Perennis Chapter President, Kent Fothergill, and his terrific wife, Kelley, have recently moved away from southeast Missouri. We're looking for new leadership for the chapter, a new suite of officers.

We're also taking suggestions for winter and spring fieldtrips. There has been interest in recent years in holding a joint fieldtrip with the southern Illinois Native Plant Society Chapter.

Andy West of SIU and Missouri wetland fame is an active member there, and has wanted to partner with Perennis for a long time now. If you're interested in a leadership role, in leading a fieldtrip or two, or a joint fieldtrip with the southern Illinois Native Plant Society Chapter. Andy West of SIU and Missouri wetland fame is an active member there, and has wanted to partner with Perennis for a long time now. If you're interested in a leadership role, in leading a fieldtrip or two, or a joint fieldtrip with Southern Illinois NPS, send me an email: allisonjv@yahoo.com.

As always, check the website, www.semonps.org for upcoming spontaneous fieldtrips!

Events calendar: Check www.semonps.org for fieldtrip information. Suggestions for fieldtrips always welcome!



Southwest Missouri

Brian Edmond, chapter representative

Several members of the Southwest Missouri chapter attended the second annual bonfire and outdoor potluck dinner at Michelle Bowe and Brian Edmond's farm. Several members exchanged wildflower seeds and several iris bulbs were also shared. The sky was clear, the fire was hot, and everyone agreed that late October was an ideal time to hold the event again next year.

The Conservation Nature Center of Springfield has invited our chapter to submit botanical, wildlife, insect, or scenic photographs for display during the month of April 2012. Anyone who is interested should contact chapter president Larry Wegmann. All submissions should be matte photographs at least 11 by 14 inches in size. Items will be returned in May.

Regular monthly meetings were not held in November or December because the scheduled time brought them too close to the holidays.

Southwest Missouri Events Schedule

24 January, Tuesday, 2012 6pm - Monthly Meeting. Dr Michelle Bowe, Missouri State University, will conduct a twig identification workshop. Bring your frozen twigs!

28 February, Tuesday, 2012 6pm - Monthly Meeting. Susan Farrington, Plant Community Ecologist with the Missouri Department of Conservation, will present a program on practical control methods for invasive plant species.



New Members

Victoria Barton, Ellisville, Mike Gerard, Ashland,
Troy Cox, Columbia, Peg Whitmore, Laurie,
Danelle Haake, St. Louis, Malia Hatley, Leawood, KS,
Laura Hillman, Columbia,
Mr. & Mrs. Chris Newbold, Boonville,
Linda & Gary Shillito, Columbia,
Jim & Pat Licher, Montrose,
Kazie Perkins, Willow Springs,
Becky Estes, West Plains

Missouri Native Plant Society Awards

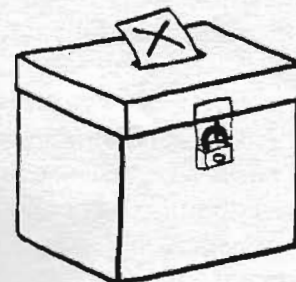
Award nominations due April 1

The MONPS Awards Committee seeks nominations of people who have supported the preservation of Missouri's flora. MONPS offers five awards:

- 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) 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 April 1. 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, Nadia Navarrete-Tindall.

Nadia Navarrete-Tindall
2116 Grant Lane
Columbia, MO 65203
navarrete-tindalln@lincolnu.edu



Missouri Native Plant Society Elections
Nominating Committee

Rex Hill has agreed to chair the Nominating Committee for the upcoming state Missouri Native Plant Society elections. For 2012, we are required to hold an election for two Board Member positions.

Each Board Member serves a three-year term. The Nominating Committee will nominate a slate of candidates, which will be published in the March-April issue of the Petal Pusher. Additional nominations from the membership may also be made and should be submitted to the Nominating Committee Chairman.

Each nomination should be accompanied by a written second from an additional member as well as a written confirmation of willingness to serve by the nominee.

Please send nominations by e-mail or postal mail to:

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

For more information about the duties of any office, please contact board President Paul McKenzie or any current Board Member.

2012 MONPS Board Meeting dates and locations

Spring- April 13-15, 2012- Branson area/Bull Shoals Reservoir, etc.

Summer- June 1-3, 2012- Camdenton area/Ozark Caverns/ Rocky Top Glade, etc.

Fall- Sep.28-30, 2012-Cuivre River State Park and vicinity

Winter- Sat. Dec. 1, 2012-UMO Herbarium, Columbia, MO



Minutes of 10 September 2011 MONPS Quarterly Board Meeting – Sedalia, MO

President Paul McKenzie(PM) called the meeting to order at 7:00pm. A quorum was present. PM made opening remarks as the new president. Since there was not a quorum at the summer meeting, a motion was made by George Yatskievych(GY) and seconded by Bob Siemer(BS) to approve the minutes from the spring meeting.

Another motion was made by BS and seconded by John White to end the summer meeting. Both motions passed. One addition and several corrections were made to the agenda. John Oliver(JO) volunteered to serve as the recorder. The minutes from the summer meeting were included for informational purposes.

Treasurer's Report – BS reported our finances are in good shape. He noted that the Hudson Fund already had over \$700 in the checking account and thus we will probably have enough to cover the scholarship with operating funds this year.

The FY2012 budget was reviewed. GY recommended increasing the budget for Missouriensis from \$900 to \$1200 since there will be two issues published in FY 2012. It was also noted that new brochures may be needed before the end of the FY which will also increase the expenses in the presented budget. The budget showed a small loss in operating funds for the year which will probably take care of itself in time. A motion was made by Dan Rice(DR) and seconded by JO to approve the budget as revised. The motion passed.

PUBLICATIONS AND MEDIA

Petal Pusher – Janet Haworth has taken over as the editor of the Petal Pusher. Her first issue was the September/October issue. A few suggestions were made and Pat Harris – a past editor – will collect the suggestions and contact Janet. It was emphasized that the chapter representatives need to get their information in on time. JO will send details and directions to Janet concerning the December MONPS meeting.

Distribution Chairman – Bill Knight(BK) thanked Ann Earley(AE) and BS for providing the mailing labels. Everyone thanked BK for the work he is doing.

Publicity Chairman – No report was given.

MONPS Website –DR reported that he had talked with David Winn(DW) at the Kansas City meeting and that DW was going to get back to working on the website. Board members are asked to bring suggestions for improvements to the December meeting. PM will contact DW and ask him to attend the December board meeting.

Missouriensis - GY announced that the 2009 issue is ready to go except for one 30th anniversary symposium manuscript. GY has contacted the presenter and will publish the issue with or without the manuscript soon. He has enough material for the 2010 issue as well which will hopefully go out in this fiscal year as well.

Minutes cont'd

Roadside Wildflower Poster – A meeting was held last spring with MODOT at which a decision was made on format but not on content. Steve Timme has a MONPS slide library which is in storage but since it was concluded that the images were not good enough for the poster, images will have to be solicited. GY asked for someone to take over the project to come up with a list of wildflowers to bring to the committee. Emily Horner volunteered and GY will provide her with a list of the committee members.

COMMITTEES AND TASK FORCES

Membership – AE reported that since the June meeting there have been thirteen new members for a total of 343. There are still 80 that have not renewed, but there will be one more reminder in the Petal Pusher. The chapter representatives have the new listings.

Archives – Jack Harris said all is well.

Election Results – The results of the election were announced with PM as the new president and JO as the vice-president. Since JO is now VP, a vacancy on the board was created. Under the bylaws if a vacancy occurs in the middle of a term, the president can nominate a replacement. PK nominated Michele Bowe. Michele agreed and BS moved that she be elected and Bruce Schuette seconded the motion. It was approved and Michele will complete the 2010-2013 term that was vacated by JO. PM said he was excited to have someone on the board with an association to a university because one of his goals as President is to attract additional young members and he believes that universities would be an obvious connection to facilitate such increases.

Awards Committee – No report was given.

SOCIETY BUSINESS

MONPS Tote Sacks and New T-shirts – Rex Hill thanked Allison Vaughn, Paul Nelson and Doug Miller for the orchid t-shirt design and printing. He noted that Paul had done an amazing job. There are still some available as well as plenty of tote bags to sell.

MONPS Statewide Locality Database - Brian Edmond will update for the December board meeting.

CHAPTER REPORTS

Most of the reports were in the Petal Pusher. Updates were given by the representatives present at the meeting.

MISC ANNOUNCEMENTS

Fern Workshop – GY will be having a fern workshop for the master naturalist program at

at Meramec Community College later this month.

Upcoming Winter Meeting – The winter meeting will be held at the University of Missouri herbarium at 10am on Saturday December 3rd. The 2012 meetings will be planned. Board members are encouraged to bring ideas and schedules.

Prairie Management Trip – Allison Vaughn, Rex Hill, Martha Hill, Jack Harris and Pat Harris (in addition to approximately 20 others) attended the MDC sponsored trip. Continuing dialog concerning patch burn grazing needs to take place.

Bootheel Trip – PM and GY took a trip to the bootheel which included a search for Japanese chaff flower (*Achyranthes japonica*), a rapidly spreading noxious weed that was recently discovered for the first time in MO along the Mississippi River in Mississippi county. The population was relocated, vouchers collected, and all plants uprooted. This new exotic could become established anywhere along the Mississippi River south of the confluence with the Ohio River (which has experienced a significant infestation), especially in flood years, and displace native bottomland flora.

JO reviewed the assignments.

GY reminded that t-shirts and tote bags were available for chapter representatives to take back to their chapters.

PM noted that he was a member of the MO Natural Areas Committee and that a new site in Ripley county – Fern Nook – had been approved recently.

The meeting was adjourned at 8:45pm.

Those in attendance were:

Michele Bowe

Ariel Buback

Steve Buback

Casey Burks

Nancy Clark

Wayne Clark

Ann Earley

Brian Edmond

Jack Harris

Pat Harris

Martha Hill

Rex Hill

Emily Horner

George Yatskievych

Robin Kennedy

Bill Knight

Scott Lenharth

Paul McKenzie

Bert Noll

Ed O'Donnell

John Oliver

Dan Rice

Ann Schuette

Bruce Schuette

Bob Siemer

Allison Vaughn

John White

Notice to All Wildflower Photographers

A proposed list of plants to include in the Missouri Roadside Wildflower brochure/poster has been completed. We have included quite a few and will choose roughly 40 of the entries for incorporation into the brochure. Now it is time to request your photographs. We would like to receive any photograph you have of the individual species listed below that displays the plant in bloom. It can be of a single plant or the individual species in a group. For those plants where only the genus is named (i.e. *Asclepias* spp.), we will accept any species that you have a photograph of. Please note we are including native and exotic species in this brochure, as well as a select group of native grasses and flowering trees and shrubs for inclusion on the back of the brochure.

Here is how to enter your photograph(s): If you have less than 5 photographs to enter and would like to submit them via email please send them to emily.horner3@yahoo.com. If you have more than 5 photographs we request that you send a c.d. to Emily Horner, 7380 SW Lead Rd. Polo, MO 64671. Please have your photographs entered by March 1st. If you have any questions please feel free to call or email Emily, (660) 351-2816.

Scientific Name	Common Name	Scientific Name	Common Name
Wildflowers			
<i>Asclepias</i> spp.	Milkweed	<i>Oenothera macrocarpa</i>	Missouri evening primrose
<i>Asclepias tuberosa</i>	Butterfly weed	<i>Pedicularis canadensis</i>	Lousewort
<i>Symphyotrichum</i> spp.	Aster	<i>Penstemon</i> spp.	Beardtongue
<i>Baptisia</i> spp.	Wild indigo	<i>Phlox</i> spp.	Phlox
<i>Barbarea vulgaris</i> *	Yellow rocket	<i>Potentilla</i> spp.*	Cinquefoil
<i>Bidens</i> spp.	Tick seed	<i>Ranunculus</i> spp.	Buttercups
<i>Carduus</i> spp.*	Thistle	<i>Ratibida pinnata</i>	Grayhead coneflower
<i>Castilleja coccinea</i>	Indian paintbrush	<i>Rosa carolina</i>	Pasture rose
<i>Chamaecrista fasciculata</i>	Partridge pea	<i>Rubus</i> spp.	Dewberry/blackberry/raspberry
<i>Cichorium intybus</i> *	Chicory	<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Cirsium</i> spp.*	Thistle	<i>Salvia azurea</i>	Blue sage
<i>Clematis virginiana</i>	Virgin's bower	<i>Packera</i> spp.	Ragwort
<i>Conium maculatum</i> *	Poison hemlock	<i>Silene virginica</i>	Fire pink
<i>Coreopsis lanceolata</i>	Lanceleaf coreopsis	<i>Silphium</i> spp.	Prairie dock, rosin weed, etc.
<i>Securigera varia</i> *	Crown vetch	<i>Solidago</i> spp.	Goldenrod
<i>Daucus carota</i> *	Wild carrot	<i>Tradescantia</i> spp.	Spiderwort
<i>Desmanthus illinoensis</i>	Illinois bundleflower	<i>Typha</i> spp.	Cattail
<i>Dipsacus</i> spp.*	Teasel	<i>Verbascum thapsus</i> *	Common mullein
<i>Echinacea pallida</i>	Pale purple coneflower	<i>Verbena canadensis</i>	Rose verbena
<i>Eupatorium serotinum</i>	Thoroughwort	<i>Verbena stricta</i>	Hoary vervain
<i>Helianthus annuus</i>	Common sunflower	<i>Vernonia</i> spp.	Ironweed
<i>Helianthus</i> spp.	Sunflower	<i>Vicia</i> spp.	Vetch
<i>Helianthus tuberosus</i>	Jerusalem artichoke	<i>Viola pedata</i>	Bird's foot violet
<i>Hemerocallis fulva</i> *	Day lily	Grasses	
<i>Hesperis matronalis</i> *	Dame's rocket	<i>Andropogon gerardii</i>	Big Bluestem
<i>Hypericum</i> spp.	St. John's wort	<i>Andropogon virginicus</i>	Broomsedge
<i>Lamium</i> spp.*	Dead nettle, henbit	<i>Panicum virgatum</i>	Switchgrass
<i>Lespedeza cuneata</i> *	Sericea lespedeza	<i>Schizachyrium scoparium</i>	Little bluestem
<i>Leucanthemum vulgare</i> *	Ox-eye daisy	<i>Sorghastrum nutans</i>	Indiangrass
<i>Liatris pycnostachya</i>	Prairie blazingstar	Shrubs	
<i>Lithospermum canescens</i>	Yellow puccoon	<i>Amelanchier arborea</i>	Serviceberry
<i>Lotus comiculatus</i> *	Bird's foot trefoil	<i>Cercis canadensis</i>	Eastern redbud
<i>Melilotus</i> spp.*	Sweet Clover	<i>Cornus florida</i>	Flowering dogwood
<i>Mimosa nuttallii</i>	Sensitive briar	<i>Lonicera</i> spp.	Honeysuckle
<i>Mirabilis</i> spp.	Four o'clock	<i>Prunus americana</i>	Wild plum
<i>Monarda fistulosa</i>	Wild bergamot	<i>Rhus</i> spp.	Sumac

*Denotes that individual species of this genus are exotic.

Missouri Wildflowers Nursery



Merv has the floorplan and blueprints for the layout of the new building. He is hoping for completion by March, 2012. Weather will be the main factor.



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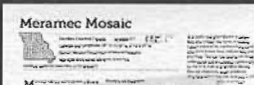
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