



July-August 2007

Vol. 22, No. 4

Missouri Native Plant Society

Calendar of Events

Statewide

Friday & Saturday, Sept. 14-15: Fall fieldtrip to Ha Ha Tonka State Park and Coakley Hollow Fen at Ozark Caverns in Lake of the Ozarks State Park. Friday night talk and Saturday board meeting at the Missouri Department of Conservation office at Camdenton.

Kansas City Chapter

Saturday, July 1: Dave Alburty and Carol Pranulis will host their annual Fourth of July party at Tickwood Ranch. Festivities will include the opportunity to tour their prairie, swim in a rock-lined pond, shoot fireworks and enjoy good food and drink with fellow native plant fans. Contact Dave or Carol at (816) 619-3375 or by e-mail at envirci@aol.com.

Osage Plains Chapter

Chapter meetings: At 7 p.m. at the Clinton office of the Missouri Conservation Department

Field trips: Meet at Henry County Library parking lot at 9:30 a.m.

Monday, June 18: Dr. Raveill covering Desmodiums and Lespedezas

Saturday, June 30: Field trip to Fewell Conservation Area

Saturday, July 7: Pot luck dinner and tour at Dale Jennings' home

Saturday, July 28: Field trip at Mohr property on Hwy B in St. Clair County

Saturday, Aug. 25: Field trip. Destination to be announced

Monday, Sept. 17: Ethel Hickey on Healing plants

Ozark's Chapter

Chapter meetings: The Ozarks Chapter meets monthly on the third Tuesday. Business meetings are held at 6:30 p.m. (all are welcome to attend), and the program and regular meeting begins at 7 p.m. All meetings normally take place at the MDC Ozark Regional Office, 551 Joe Jones Blvd, West Plains.

Field trips: Meet at the MDC Ozark Regional Office in West Plains at 9:30 a.m. for all field trips. Participants are advised to wear comfortable shoes and bring drinking water.

Tuesday, June 19: Chapter meeting: MDC Private Lands Conservationist Brad McKee will present a program about habitat improvement cost share programs available to private land owners. 7 p.m. (business meeting open to all at 6:30 p.m.).

Wednesday, June 20: Field trip led by Brad McKee to see land where cost share funds are being used. 9:30 a.m.

Saturday, July 7: Field trip. Destination yet to be determined. 9:30 a.m.

Tuesday, July 17: Chapter meeting: Pat and Jack Harris present "Glade flora", a program illustrating the plants found in our glade habitats. 7 p.m. (business meeting open to all at 6:30 p.m.).

Wednesday, July 18: Field trip. Destination yet to be determined. 9:30 a.m.

Saturday, Aug. 4: Field trip. Destination yet to be determined. 9:30 a.m.

Tuesday, Aug. 21: Chapter meeting: MDC Plant Ecologist Susan Farrington will present "Tips for fall planting". Come learn why fall is a great time to plant native plants. 7 p.m. (business meeting open to all at 6:30 p.m.).

Wednesday, Aug. 22: Field trip. Destination yet to be determined. 9:30 a.m.

Tuesday, Sept. 18: Chapter meeting: Jack Singleton will present "Wow... I've never been touched by a butterfly!" Jack will teach us about butterfly gardening and share his experiences working with school children. 7 p.m. (business meeting open to all at 6:30 p.m.).

St. Louis Chapter

Wednesday, July 24: Chapter meeting at Powder Valley Nature Center, 11715 Cragwold Road, Kirkwood (off Geyer Road, between Watson and Big Bend) at 7:30 p.m. Speaker to be announced. For further information contact George Yatskievych (george.yatskievych@mobot.org).

Wednesday, Aug. 22: Chapter meeting at Powder Valley Nature Center, 11715 Cragwold Road, Kirkwood (off Geyer Road, between Watson and Big Bend) at 7:30 p.m. For further information contact George Yatskievych (george.yatskievych@mobot.org).

MONPS explorers take two chances this spring for adventure-seeking

by Rex Hill, MONPS president

Since the last issue of the *Petal Pusher*, we have had two great quarterly field trips.

In late April we journeyed to Oregon County, the site of many beautiful, and out-of-the-way, Missouri springs.

This was a joint field trip with members of a class that was offered by MONPS at Meramec Community College in St. Louis as part of the Master Naturalist Certificate program. We had a number of new people present at the field trip, and had quite a group from the Ozarks Chapter in West Plains.

On Saturday morning, we traveled from our lodging in West Plains to Greer Spring, the second largest spring in Missouri.

Upwards of 60 participants hiked the mile-long trail to the spring and were treated to a spectacular display that had been enhanced by recent rains in the area. From there we traveled to nearby Falling Spring, and after lunch to Boze Mill, Grand Gulf State Park and finally to Mammoth Spring, right across the border into Arkansas.

On Sunday, we visited Turner's Mill Spring and stopped at Alley Spring on the way home.

This was a trip that provided a variety of opportunities for those who attended. Beautiful scenery, spring wildflowers, and those plants associated with Missouri springs and spring branches were everywhere around us, and I believe we all returned from the trip refreshed and satisfied.

In early June, we returned to Dexter, Mo., to visit some of Missouri's remnant swamp habitat.

We had been asked by Andy West, the wildlife management biologist at Duck Creek Conservation Area, to begin accumulating a plant list for this area. This was a continuation of a project started last fall for the adjacent Mingo National Wildlife Refuge property.

The group of about 25 participants divided and some visited Mingo NWR to continue adding species to the list we had started earlier. The Mingo list was increased from the almost 300 species we observed previously, to about 470 species. The remainder of the group went to Duck Creek and added to a list of about 250 species started by Alan Brant, who attended the field trip with us.

A number of species on his list are state-listed, and we added a few more to his total, including *Justicia ovata* (looseflower water-willow), which we saw in flower. Overall, the Duck Creek list stands at about 300 species.

This trip fulfilled a need for the managers of the two properties we visited and is one of the valuable services our Society can provide in support of native plants. Finally, on Sunday, the group split up to head for Holly Ridge Conservation Area and Otter Slough Conservation Area.

I went with the group to Otter Slough and we were treated to a large flowering group of water canna, or powdery alligator-flag (*Thalia dealbata*), another state-listed plant.

July-August 2007



Photos by Rex Hill

During the June field trip of the Missouri Native Plant Society, Nels Holmberg, Sue Hollis and Larry Morrison, get a closer look at flowering group of water canna, *Thalia dealbata*, on June 3 at the Otter Slough Conservation Area southwest of Dexter, Mo. The thalias were visible from the road. The imperiled species is found in only five counties in Missouri's Bootheel.



MONPS members gather on the boardwalk at Falling Spring.

New *Petal Pusher* editor

I hope you will all join me in welcoming Chuck Robinson as the new editor for our *Petal Pusher* newsletter.

He joins us from the Kansas City Chapter. Chuck is new to the organization, but has had a great deal of experience putting together newsletters for other organizations and we are fortunate to have him volunteer for this job.

I am always pleased when someone perceives a need and steps forward to fill it. He did this after seeing my plea in the January-February issue, so my message is this: "You should read the *Petal Pusher* carefully. You never know what opportunities may be out there."

His e-mail is on the back of this issue. Please send him your items for the September-October issue by Aug. 1.

MONPS Fall Fieldtrip — Sept. 14-16

Camdenton, Mo.

The fall fieldtrip of the Missouri Native Plant Society will be to visit savannas, glades and karst features of Ha Ha Tonka State Park and Coakley Hollow Fen at Ozark Caverns in Lake of the Ozarks State Park.

Our talk on Friday, Sept. 14, and board meeting on Saturday, Sept. 15, will take place at the Missouri Department of Conservation office at Camdenton. It's on the west side of Hwy 5, about 2.5 miles northwest of the intersection with Hwy 54.

The motel in Camdenton that was recommended by staff at the MDC office is:

Sleep Inn & Suites
1390 East U.S. Hwy 54
Camdenton, MO 65020
Phone: (573) 346-4501 or (888) 753-3730

However, the Sleep Inn may be filled up at the time of this publication.

Some other lodging options follow, and Lake of the Ozarks State Park has camping available.

A & J Motel
814 West US Highway 54,
Camdenton
Phone: (573) 346-5777
Room with 1 queen-size bed \$42.50 plus tax
Room with 2 beds \$48.50 plus tax

Rainbow's End Resort
Cottages with kitchens; see website for
description and rates
(573) 873-5106
www.lakerainbowsendresort.com

Camdenton Inn
113 E. Hwy 54, Camdenton
(573) 346-2256
1 bed \$48 plus tax
2 beds \$58 plus tax



Ha Ha Tonka State Park has excellent examples of a savanna landscape, where prairie grasses such as little bluestem and Indian grass flourish in open forests of post oak, blackjack oak, black hickory and white oak. More than 400 species of plants have been recorded there. Several large glades can also be found at Ha Ha Tonka, where there are the large yellow-flowered Missouri evening primrose and the Missouri brown-eyed Susan.

Coakley Hollow Fen Natural Area is a 4-acre area in the Lake of the Ozarks State Park. It is a swampy, spring-fed meadow with calcareous seeps and a spring branch along Coakley Hollow. A number of northern glacial relics grow there, including Riddell's goldenrod. A trail and boardwalk provide access to the fen.

Dues Are Due!

by Ann Earley, membership chair

Membership renewals for the July 2007-June 2008 year are now due. Please check the top line of your mailing label. If it shows the date 20070630, your dues are now payable.

To renew, please look for the renewal envelope in this issue of the *Petal Pusher*.

Please remember to complete 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!

Welcome to new members

We are happy to welcome these new and returning members to the Missouri Native Plant Society. We hope you will join us soon at upcoming meetings and field botany trips.

Travis Mohrman, Eureka
Linda Labrayere, Wellsville
John and Linda Frederick, Rolla
John W. Chesney, Joplin
Barbara Willenberg, Hallsville
Claire Meyners, Wildwood
John Eckardt, Kansas City
Mari Winn Taylor, Joplin
Anita Berwanger, Lohman
Katherine Waselkov, St. Louis
Matt Leonard, Lathrop
Matthew Albrecht, St. Louis

Hawthorn Chapter Report

Submitted by Judy Turner and Becky Erickson, chapter representatives

The Hawthorn Chapter has been very busy with our Wildflower Restoration Project on Stadium Boulevard in Columbia, Mo. (forevermore referred to as the "Stadium Project"). We have had six work days with a total of 67 hours worked to date. Recently, we were honored to have a front page article in the Columbia *Tribune* (complete with a color photo) explaining our efforts. Amazing.....!

Both April and May were busy with public educational activities. We had our educational displays and books at the local Missouri Department of Conservation Day with Wildlife, the Native Plant Field Day at Bradford Farm and Columbia's Earth Day celebration, and various members served as resident experts for the city's "Show-Me Yards and Neighborhoods for Healthy Streams" tour.

The "Show-Me Yards" is unique as it provides numerous examples of environmentally friendly ways to have a healthy yard. All of the yards showcased had either native plantings or rain gardens (or both), and most were totally organic.

Our chapter has also found time to play.

The membership enjoyed a bright day on March 31 at Rocky Hollow in Audrain County. The place has a history of being used by Indians as a winter shelter and a camping spot for hunting parties. We saw shallow caves used by Indians as shelters and caches. They left behind a few distinctive carvings.

There was an impressive grove of prickly ash that framed the trail head. Dutchmen's britches, Christmas fern and a few bluebells carpeted the winding sandstone creek bottom. Pawpaw and bladdernut grew thickly in the understory.

Our next trip, April 21, was to Warren Taylor's property in Callaway County. He told us the creek bottom we visited had been farmed by primitive means until about 1945. We were amazed by the total self restoration we saw. All of the Adam and Eve orchid leaves had a half-grown flower stalk. More goldenseal was there than anyone could remember seeing before. Warren was encouraged to cut a couple of trees to encourage his Michigan lilies to bloom.

Our first field trip of May was scheduled for May 6. It was to be a visit to the moist woodlands of Silver Fork Creek in Boone County. However, Nature intervened and called us to see Jim and Andrea Kennedy's blooming orchids near Reform.

How could we resist the always beautiful lady slippers (*cypridium calceolus*), the unique Adam and Eve orchids (*aplectrum hyemale*), the large twayblades (*liparis liliifolia* L.), and the wonderful little showies (*orchis spectabilis* L.). Did you know that the Adam and Eve orchid reverses the normal seasonal cycle of chlorophyll production? It only has leaves in fall and winter! Its single leaf is gone by early May.

In addition to Hawthorn Chapter members, several folks from the Columbia Orchid Society joined us for the orchid viewing. We're glad to share trips, and thanks to Andrea and Jim for sharing their land with all of us. We appreciate your stewardship!

Our second May trip took a few hardy souls down to Spring Creek Gap in Maries County on May 27.

The weather actually cooperated, and the rain didn't begin until we got back to the parking lot! Spring Creek Gap Conservation Area is managed by burning and timbering. As a result, the glade vegetation is returning.

Besides the great scenic views, we saw lead plants (*amorpha canescens*), pale purple coneflowers (*echinacea pallida*), blue sage (*salvia azurea*), yellow Missouri primrose (*oenothera macrocarpa*), wild quinine (*parthenium integrifolium*), goat's rue (*tephrosia virginiana*), self-heal (*prunella vulgaris* var. *lanceolata*), short-leaf pine (*pinus echinata*), New Jersey tea (*ceanothus americanus*) and an unusual milkweed (sand?) — just to name a few of the plants we encountered.

Thanks, Becky, for introducing us to a new and wonderful area!

Lastly, we must report the recent passing of a dear friend and longtime member. Those of us who knew Marge McDermott are saddened and will greatly miss her hospitality, wit, and insights, as well as her love for native plants.

Kansas City Chapter Report

Submitted by Daniel Rice, chapter representative

The members of the Kansas City Chapter have been very active this month.

We started off with the annual plant sale at Powell Gardens on May 4-6. Friday night was exclusive for the Friends of Powell Gardens, and the weather couldn't have been better! Saturday was a little bit iffy, between the threat of rain and then full sun, but we persevered! Sunday, however, was a washout; rain, rain, and more rain. Oh, well, the weather may not have been perfect, but we still had fun.

Thursday, May 17, was our last Chapter meeting until the Fall. We had a great speaker, Professor Elmo Law from UMKC. His topic was the evolution of reproduction in plants. He is a spirited speaker and had a great presentation. Needless to say, I learned a thing or two that I had never even thought about.

Saturday, May 19, found members hiking around the Hidden Valley Natural Area in Kansas City. Field trip leader Sue Hollis (Ms. Fern, herself!) was in hot pursuit of Goldie's fern, but none were found. Several other fern species were spotted, including glade fern, maidenhair fern, fragile fern, and rattlesnake fern. Even though Goldie's fern got away, everyone had a great time and wants to go back to this extraordinary area.

Our next event will be the annual Fourth of July party at Tickwood Ranch, hosted by Dave Alburty and Carol Pranulis. Festivities will include the opportunity to tour their prairie, swim in a rock-lined pond, shoot fireworks, and enjoy good food and drink with fellow native plant fans. For more information, contact Dave or Carol at (816) 619-3375 or envirsci@aol.com.

That's all for now, but if you have any questions feel free to contact me at (816) 461-0206 or drice95875@aol.com.

Osage Plains Chapter Report

Submitted by Marlene Miller, chapter representative

We have not had many meeting since we reported to you last. Our April meeting was canceled because of the death of the wife of our previous president, David Lindell. We would ask that you join with us in extending our condolences to David.

On the April 28 field trip to Lichen Glade in St. Clair County, four people attended. The weather was cool early and some rain was received Friday night. We identified 14 plants, four mosses and lichens. The next field trip was May 12 to a managed area around Truman Lake just north of Deepwater. It was a clear day and pleasant to be outside. Seven people attended. We have a list of nine plants identified. The actual list was longer but was misplaced. I do not presently have information on the Mead's milkweed count on May 26.

For our May meeting we combined our plans for April and May into one big presentation. There were approximately 15 people present.

Sherry Leis taught and demonstrated pressing plants for mounting and preservation. Steps included appropriate collecting, use of a press, mounting on acid free mounting paper, labeling and storage. Marlene Miller picked up at this point on continued with preservation for fun and projects which included pressing, multiple methods of drying and storage, including ideas for how to use these plants or plant parts. She included detailed handouts and had a display of some of the drying racks and materials.

After a break for refreshments, Emily Horner gave her slide review from the canceled April meeting which was on propagating native plants. She included such things as marking while blooming in order to locate later when seed is ready, timing of collection for various types of plants, and seed dormancy and pre-germination techniques (right temperature and moisture). The slides were great and the lecture very informative.

At our meeting it was announced that Sherry has accepted a position in Springfield, and this was her last meeting with us. Sherry and Marlene gave a board meeting report. Marlene presented copies of the new Blazing Star Award information and forms to the president. We discussed upcoming events and made plans for June 9 at Wah' Kon-Tah Prairie. Marlene stated that the Kansas City Chapter has kindly agreed to lend us one of their display boards. One of our members is preparing plant specimen pictures for display.

The membership brochures have arrived. Emily will pursue printing of the handout brochures from the state web site for distribution. Our biggest problem is the availability of members to staff the table.

The next meeting will also be dues time and election of officers.

Have a great plant summer! Good bye until next time.

Ozark's Chapter Report

Submitted by Patricia French, chapter representative

The Ozarks Chapter is donating books to two local libraries:

■ Garnett Library at Missouri State University, West Plains will receive Volumes 1 and 2 of *Steyermark's Flora of Missouri* by George Yatskievych.

■ The West Plains Public Library will receive Edgar Dennison's *Wildflowers of Missouri*.

Officers were elected at the May meeting. Ellen Kaufman is our president. Peggy Skinner is our vice president. Betty Queen is our secretary. Adele Voss is our treasurer. Susan Farrington is our representative to the state board.

Howell Valley Elementary School is thrilled with the new butterfly garden that MDC, and the Ozarks Chapter helped them plant. Peggy Skinner bought and presented the school with two copies of the *Peterson's First Guide to Caterpillars of North America* so the children can identify larval visitors to their garden. Peggy and Bill will help them with weeding.

Bill Summers and Peggy Skinner agreed to represent the Ozark's chapter at the herb booth of the Old Time Music Festival in June.

St. Louis Chapter Report

Submitted by Martha Hill, chapter representative

The St. Louis Chapter held its May meeting on Wednesday the 23rd with a slide show and talk by Bruce Schuette titled "Natural Areas I have Known — 30 years of Missouri Natural Areas."

Bruce is the naturalist for Cuivre River State Park. He has won awards for his stewardship of the park and keeps a vigilant eye out for intruding plants not native to Cuivre River's Natural Areas. Bruce is very active in the Missouri Prairie Foundation and is known throughout the state for his knowledge of native (pre-European) plants and animals.

His talk centered on the history of the Natural Areas in Cuivre River and Graham Cave State Parks.

On Saturday, May 26, several members joined Bruce and Ann Schuette at the park to visit some sites designated as natural areas. Thanks to Bob Coffing's keen eye, we got to see several plants of twayblade orchids, one was blooming. Pat Harris spotted an *Aristolochia serpentaria* in flower. In the same part of the woods, we (Bob) spotted a fawn resting by the side of the trail. In addition to all this excitement, Bruce showed us the endangered running buffalo clover, and the finale was a small stand of ragged fringed orchids, which got a lot of camera action.

The St. Louis Chapter of MONPS had a booth at the Shaw Nature Reserve native plant sale on May 12.

Several T-shirts and bandanas were sold, and two new memberships and several membership renewals were collected. Many people stopped by the booth and asked questions — the pamphlets were a good draw and several people mentioned how much they liked them.

Jack Harris has a very good three-partition display board with beautiful pictures of not only flowers that are normally seen but those that are endangered or rarely seen. The pictures drew many people to the booth with questions about our organization.

Jeff City race runs to the aid of endangered species

by Carol Davit

Mark your calendars for Saturday, Oct. 13, to join hundreds of other walkers and runners from throughout Missouri to participate in the ninth annual Endangered Species Walk/Run Race.

This event raises funds to help restore habitat, conduct research, and support education projects for endangered plants and animals in Missouri. These species are part of Missouri's natural heritage. They belong here and we want them to be here forever.

The tortoise and the hare in this year's race T-shirt artwork are the western chicken turtle, a long-necked reptile favoring clear-water sloughs and swamps that is known from only one wetland in Missouri, and the swamp rabbit, an imperiled mammal of swamps and bottomlands that can dive to escape capture and swim with all four feet.

This year's highlighted natural communities are bottomland hardwood forests and swamps, home to 10% of Missouri's rare and endangered species.

These communities once covered large portions of floodplains, from water's edge to bluffs. They are home to numerous imperiled plants, including featherfoil (*Hottonia inflata*), an aquatic plant with feathery leaves and air-filled stems to keep it upright in water, and corkwood (*Leitneria floridana*), a small tree forming thickets in swamps and wet bottomlands, whose wood is lighter than cork. In addition, the Nuttall oak (*Quercus texana*), which grows in bottomland forests in the southeastern lowlands, is state-imperiled because of diminishing habitat.

The race starts and finishes at the North Jefferson City Pavilion, near the intersections of Highways 63 and 54. The race route includes a portion of the Katy Trail. New this year: The race route will be certified by U.S. Track & Field and chip timed. Timed races are a 5K walk, 5K run, 10K run. Awards will be given to winners in several age classes. Youth teams are encouraged with reduced registration fees.

This event is co-hosted by the Missouri Department of Conservation, the Missouri Department of Natural Resources, the Missouri Department of Health and Senior Services, and Jefferson City Parks, Recreation, and Forestry.

The week of the race (Oct. 7–13) will be "Missouri Endangered Species Awareness Week" to be proclaimed by Gov. Matt Blunt. Educational activities will occur at schools, nature centers, and state parks around the state. A Youth Post Card contest will also be part of the activities.

For more information and to register for the race, visit www.mdc.mo.gov/programs/es_walkrun/.

Cyperaceae of Missouri: The class

Sponsored by the
Missouri Native Plant Society

This class will focus on structures and identification of the sedges and related plants in the large family Cyperaceae.

The class will demystify a group of plants many persons fear to be inherently difficult to identify. The Cyperaceae, or sedge family, includes carex, cyperus (umbrella sedge) and eleocharis (spike rush).

The class will spend half of each day in the classroom and the rest of the day carpooling to local areas to study these interesting plants in the field.

Participants should bring a personal hand lens, water, bug spray and shoes that can get a little muddy, as well as rain gear. A copy of *Flora of Missouri – Vol. 1* by George Yatskievych (1999) is required.

Yatskievych, curator and director of the Flora of Missouri Project at Missouri Botanical Garden, will be one of the instructors. Also leading the class will be Paul McKenzie, endangered species coordinator for the U.S. Fish and Wildlife Service.

Classes will take place 8 a.m. to noon on Saturday and Sunday, Aug. 4-5, at St. Louis Community College Community College, Meramec Campus, in the Science South Bldg, room 106.

The suggested locations for the Field Trips on each of the afternoons:

- Saturday, Aug. 4 — 1-4 p.m. at the Shaw Nature Reserve
- Sunday, Aug. 5 — 1-4 p.m. at the Shaw Robertsville State Park

The cost is \$56.

Class size is limited to 30.

Registration: http://users.stlcc.edu/ClassSchedule/term_search.asp



Carex
gravida

Orchid researcher gets Hudson Award funding

Kurt Piskin, a doctoral student at St. Louis University, has been awarded the Hudson Award for 2007.

Piskin won the award with his proposal, "Isolation and Identification of Mycorrhizal Fungi from Two Native Missouri Orchids: *Aplectrum hyemale* and *Triphora trianthophora*." Piskin is studying the propagation of these orchids in culture. The Hudson Award will help him to complete a portion of that research.

The Stanton Hudson Memorial Award honors the late H. Stanton Hudson (1921–2002), a longtime member of the Missouri Native Plant Society whose passion for the flora of Missouri and its conservation inspired his friends and family to create a small grants program in 2005 in his memory.

To qualify, the proposed research must involve Missouri native plants in some way, but may have as its primary focus any pertinent subject area in plant biology, including conservation, ecology, physiology, systematics and evolution.

This year's Hudson Award Committee was staffed by Paul McKenzie, Paul Redfearn and George Yatskievych.

Yatskievych said there were five excellent proposals for the 2007 award. The other fields of study were research involving floristic inventories, pollination biology, climate change and the ecology of invasive exotic species.

"The committee had a very difficult time settling on only one winner," Yatskievych said.

Spring board meeting

The following notes were taken at the April 28 board meeting of the Missouri Native Plant Society in West Plains, Mo.

Treasurers Report: Bob Siemer reported award expenses exceeded the budget because of the \$400 award to Tom Aley of the Ozark Underground Lab and \$500 to the Dan Tenaglia Foundation for the preservation of natural areas.

Also, Bill Knight, Petal Pusher distribution chairman, was able to get much cheaper production costs for the Petal Pusher. Getting it printed at Office Depot is saving \$350 to \$400 per issue, he reported.

There was discussion on problems with bulk mailing, and delays in delivery. The decision was to continue bulk mailing for now, try some tips Bill got for greater efficiency, and see how that works. Bill will e-mail chapters the mailing dates so we can monitor for delays, and then discuss options at a future meeting.

Publicity: Chairman Kevin Bley reported on the Blazing Star Award (a certificate), which can be used by chapters to recognize deserving individuals, groups, organizations or businesses. Chapters don't need board approval to give this award, but do need to report to the board (and the Petal Pusher) the awards they present. The board also can issue the award.

The consensus of the board is that Kevin is to finalize the award certificate and the nomination form and distribute it to the chapters.

There was also discussion of sale items, and the ball cap idea resurfaced. Pat Harris volunteered to check on the costs of a logo to be used on caps and perhaps other items, too.

Membership report: Ann Early reported there have been 18 new members since December, and currently there are 306 members (42 life members).

Thanks to Sue Hollis, membership info is now on a spreadsheet.

Nominating Committee: George Yatskievych reported that all officers and board members agreed to serve another term, except for Kim McCue who is moving to Tennessee. Ann Schuette has agreed to replace her as secretary.

Awards Committee: Jack Harris said one nomination has been received so far. The nominating committee will be glad to help anyone with questions about making a nomination.

Archivist report: Jack Harris is compiling a complete set of minutes from all MONPS board meetings for the archives. He is missing the minutes from only 10 meetings throughout all the years. Jack will send out a list of meetings he still needs, and if anyone can help provide those minutes it will be appreciated.

Miscellaneous announcements:

■ Paul said the FWS is interested in a partnership with MONPS for plant lists of National Wildlife Refuges, and Squaw Creek Natural Wildlife Refuge would like us doing a plant list of that refuge. It was decided that Paul and George should set the dates they will be going, those dates can be published, and anyone else who can attend will be welcome.

■ George said there are only 400-500 membership brochures left, and these are somewhat outdated because of changes with chapters and the website address. It was decided to exhaust this stock, using either stickers or an insert to correct the information, and then print new brochures. George will start investigating a design for the new brochure, and Bill will look into printing costs. A suggestion was made to use a different color scheme for the new brochure so it can easily be told from the old one.

■ There was a motion by George Yatskievych, seconded by Marlene Miller, and passed, for the officers to talk to the Arkansas Native Plant Society about a joint meeting in 2008.

- Fall Field Trip & Board Meeting Announcement
- Cyperaceae Workshop in August

Missouri Native Plant Society
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Note changes below to:

Bob Siemer's E-mail address
Chuck Robinson - New Petal Pusher editor
Ann Schuette - New Secretary
Susan Farrington - New Chapter Rep
Sherry Leis' e-mail address
Jack Harris' Phone number

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