

July-August 2006

Happy 4th of July!

Vol. 21, No. 4

Missouri Native Plant Society

July

- 8 **Sat., 5:00^{PM}** **Osage Plains Chapter native plant tour** followed by a carry-in evening meal at the home of Dale Jennings on Rt. 7 about a mile north of Coal, MO. For information about other tours check with Emily Kathol and Sherry Leis. Clinton
- 10 **Mon., 7:00^{PM}** **Hawthorn Chapter regular meeting** at the Unitarian Church, 2615 Shepard Blvd. Topic to be announced. Contact Paula Peters at 573-474-4225 for more information. Columbia
- 16 **Sun., 8:00^{AM}** **Hawthorn Chapter field trip to Prairie Garden Trust** in Callaway County. Depart from Missouri Department of Conservation on College Avenue at 8:00^{AM}. Bring a sack lunch. A map is available. Contact Paula for more information. Columbia
- 23-26 **Sun.-Wed.** **North American Prairie Conference** at the University of Nebraska, Kearney, Nebraska. For more information visit [<http://npsc2006.org/>]. Kearney, NE
- 26 **Wed., 7:30^{PM}** **St. Louis Chapter regular meeting** at the Powder Valley Conservation Nature Center, 11715 Cragwold Drive, Kirkwood (off Geyer between Watson and Big Bend, just North of bridge over I-44). Topic to be announced. St. Louis

August

- 1 **Deadline for the September-October *Petal Pusher*.** Please send information, articles, photographs and graphics to Betty Walters, MONPS Newsletter Editor, <bettyluvsinsects@yahoo.com> by this date.
- 23 **Wed., 7:30^{PM}** **St. Louis Chapter regular meeting** at the Powder Valley Conservation Nature Center, 11715 Cragwold Drive, Kirkwood (off Geyer between Watson and Big Bend, just North of bridge over I-44). Topic to be announced. St. Louis

EDITOR'S NOTE: **Kansas City Chapter** has no regular meetings or field trips scheduled for July or August. **Osage Plains** has no regular meeting in August. For further information, please contact the chapter representatives.



The purpose of the Missouri Native Plant Society is to promote the enjoyment, preservation, conservation, restoration, and study of the flora native to Missouri; to educate the public about the values of the beauty, diversity, and environmental importance of indigenous vegetation; and to publish related information.

42 Attend Society's Three Great Spring Field Trips

By Rex Hill, President

On the weekend of April 21st to 23rd, we held our spring field trip and board meeting in southwestern Missouri at the town of Cassville. Our purpose was to visit local areas to enjoy spring wildflowers. As it turned out, the dry and warm spring in this part of the state had hurried the plants through their flowering cycles, and we missed some of the specialties in this area. This did not deter us from enjoying three great field trips, as well as an interesting and informative meeting on Friday evening.

The other Tim Smith gave a talk and power point presentation on issues relating to the DNR wild area policy, and their relationship to needs at Roaring River State Park for some long needed glade restoration work.

Max Towler arranged for us to meet at the Barry/Lawrence County Library in Cassville and then, provided an evening meal on Friday and refreshments for the MONPS Board meeting on Saturday evening as well.

During the course of the weekend, there were 42 attendees present at various times—a great turnout. We were privileged to have experts in several fields along with us on our field trips.

The Saturday morning trip was held at the Pilot Knob Conservation Area in Stone County, and our gracious host, Mike Skinner, not only provided a running explanation of some glades in the process of restoration, but also risked his company vehicle ferrying us from a parking lot to an area that allowed us a less strenuous hike to the glades.

A picnic lunch and afternoon hike was held at Roaring River State Park in a riparian area, bounded by a rich cliff face along the river.

On Sunday morning we joined the local equestrians (somewhat unexpectedly) at the Pineview Lookout Tower trailhead in the Piney Creek Wilderness Area in the Mark Twain National Forest. We hiked down a steep trail to a glade area to see what was blooming. My impression of the plants for the weekend was that Wild Hyacinth (*Camassia scilloides*) thrives in very droughty conditions.

Experts in attendance were: the Three (Botanical) Amigos Tim Smith, Paul McKenzie, George Yatskievych; Mike Skinner, regional biologist for the Southwest Region (8) MDC; Art Daniels, photographer (note his photo credits on this year's MDC calendar); the other Tim Smith, interpretive resource specialist II (naturalist) Roaring River State Park; Ron Oesch, author of Missouri Naiades and pre-eminent Missouri malocologist; Jeff Briggler, state herpetologist, with colleagues Glenn Manning and James VanDyke; and Lia Bollmann, guest herpetologist.

In addition to the attending board members were regulars: Larry Morrison, Dan Rice, Ed O'Donnell; loyal spouses Ann Schuette, Nancy Morrison, Mary Jane Towler; friends Wendy Miller, Judy Richey, Dave Schilling; new faces from Kansas City John White, Dick Subra, and Wade Haines; recent arrivals from California Cynthia Typaldos and her niece and nephew Nicole and John; and soon-to-be new Board Member Sherry Leis.

These trips are always great for a variety of reasons, and I welcome (and encourage) your attendance at any or all of our quarterly field trips.



Vice President Tim Smith stops to take in the view during the spring field trip at Roaring River State Park, Cassville, MO. Photo by Martha Hill

September Botany Canoe Trip

Friday, September 22nd, 7:00^{PM} - Speaker in meeting room at Oak Tree Inn, Dexter, MO.

Saturday, September 23rd, 8:00^{AM} - Meet in parking lot at Oak Tree Inn to carpool to Mingo National Wildlife Refuge for canoe trip on Mingo River through bottomland forests and swamps. Canoes will be provided, or you may bring your own. Bring your own lunch.

Contact Tim Smith at 573-522-4115 ext. 3200 by Sept. 15th if you want to reserve a spot on this trip.

Additional field trips in the area are yet to be determine.

Check the September-October issue of this newsletter for more details.

LODGING

Oak Tree Inn rooms for two persons around 60.00 plus tax depending on applicable discounts

1608 U.S. Hwy 60, Dexter, MO

573-624-5800

Country Hearth Inn rooms for two persons in \$50.00 to \$55.00 range plus tax

913 S. Outer Rd., Dexter, MO

573-624-7400



REMAINING 2006 SOCIETY FIELD TRIPS AND STATE BOARD MEETINGS

- Fall Field Trip September 22-24: SE Missouri Sites (Mingo NWR, Crowley's Ridge), Dexter, MO
- Winter Board Meeting December 2: Dunn-Palmer Herbarium, Columbia, MO

Petals & Wings

Betty Walters, Editor



A pipe-vine swallowtail caterpillar rests on its host plant *Aristolochia tomentosa*, Dutchman's Pipe-vine.
Photo by David Larson

"Sorry, Dave, but I couldn't find the caterpillars when I came home from work today. Maybe the house finches found them," I said as I greeted David Larson one Tuesday evening in early June.

"That's okay," he said as he came up the front walk with his digital camera in hand, "Maybe we can find them later."

I had planted the pipe-vine specifically to serve as a host plant for pipe-vine caterpillars, and had waited and watched for three years. It was a week-end in early May when I had spotted the adult female pipe-vine - or blue swallowtail -

hovering above and tasting the leaves of the pipe-vine on the trellis by my front door with her feet. She was not only the first pipe-vine butterfly I have ever seen on my property, but she was also the first pipe-vine butterfly I have ever seen show any interest in my vine. The wait was worth it.

I had stood motionless behind the glass storm door, almost breathless from time-to-time, watching her flutter her jet black forewings as her tailed hindwings flashed in the late morning sunlight between the faint blue-green iridescence on the upperside and the large orange spots on the underside. Then, I sighed in delight as she quickly laid her tiny reddish-brown eggs in short rows on the underside of the lowest pipe-vine leaves.

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 some of our upcoming meetings and field botany trips.

Ann-Marie Shy, Ozark
Ailene Glatter, Kansas City
Elizabeth Felling, Overland Park, KS
Ron Oesch, Glendale
Marilyn Cummins, Columbia
Mark and Carmen Freeman, St. Louis
William Brighoff, Chesterfield
Bob Coffing, Catawissa
Scott Barnes, Collinsville, IL
Cynthia Typaldos, Mount Vernon
Tom Schroeder, Kansas City
Joe Alburty, Fairway, KS
Tina Mathes, St. Louis
Dr. and Mrs. Edward Emery, Shrewsbury
Rick LaMonica, Crestwood

It was three weeks later when I was finally able to see six of her caterpillars in their second instar browsing on the lower leaves, and I understood why she had laid them on the very lower leaves. Every morning a mated pair of house finches would come and perch on top of the trellis searching among the upper leaves for insects (and caterpillars!) to feed to their young fledglings.

"I found it!" Dave said, a broad smile crossing his face. I scrambled up from the garden bench to stand beside him. In the fading evening light, we stood watching in wonder as the solitary dark reddish purple caterpillar with fleshy tubercles, perhaps in his third instar, slowly emerged from the upper leaves and climbed up an outer stem searching for a tender new leaf for his supper.

Now, it is back to the waiting game for me—and no fall cleaning in the front flower bed either—because pipe-vine swallowtail caterpillars overwinter in their pupal stage.

If you are interested in planting native plants to attract wildlife - and butterflies - to your yard too, visit our Society's website at [www.missouri.edu/~umo_herb/monps/] and download our four informative Fact Sheets.

A sincere thank you for a job well done goes out to Martha Hill, Pat Harris, and Tim Smith, who volunteered their time and talents to update these brochures for our Society's membership.

MONPS Websites

KANSASCITY

www.angelfire.com/mo2/kcmonps/

COLUMBIA

<http://columbianativeplants.missouri.org>

SITES FOR MISSOURI BOTANY

Flora of Missouri Project

<http://ridgwaydb.mobot.org/mobot/missouri/>

Atlas of Missouri Vascular Plants

http://biology.smsu.edu/herbarium/atlas/atlas_of_missouri_vascular_plant.htm

READER'S SITES OF INTEREST

GrowNative! Plant ID

<http://mdc.mo.gov/grownative/plantID>

KCWildlands

www.kcwildlands.org

GrowNative!

www.grownative.org

National Plant Conservation Campaign

www.cnps.org/NPCC

Native Plant School

www.shawnature.org/nativeland/NativePlantSchool.aspx

GARDEN CLUBS

Federated Garden Clubs of Missouri, Inc.

www.federatedgardenclubsofmissouri.org

Mid-Central District

www.midcentralmo.com

Osage Plains Chapter February-May Program Report

Submitted by Marlene T. Miller, Chapter Representative

On February 20th, we met for the first time at the Clinton Conservation conference room. We had a big crowd. The program was "Patch Burn Grazing: Management Tool for Missouri's Prairies and Wildlife" by Sherry Leis. There were excellent slides, and a very interesting study presented. We discussed a little about the beginning of our chapter, and Marlene was asked to prepare a presentation for sometime in the future.

On March 20th, our program was "Glade Restoration (What's under those cedars?)" presented by Dennis Garrison and Emily Kathol. It is a work of the H. Roe Bartle Boy Scout Camp with the assistance of the Missouri Conservation Department. The Boy Scout Camp is a huge one northeast of Lowry City and used by Boy Scouts from all over the United States. They are clearing and preserving glades and will use Boy Scouts to do some of the work to earn badges. It will also be an educational area for the Scouts as the glade plants return and grow. They are using some of the cedar being cut for trails. On May 4th, we had a field trip there to see some of the work being done. We were happy to hear of the election of Sherry to the State Board.

On April 17th, our program was "*The Creeping Menace – A Lesson in Cedar Invasion*" by Sherry Leis and Emily Kathol. The tape was done in Oklahoma in a tongue-in-cheek style and yet, was very instructional. It was set up as a detective working for the police department trying to find incriminating evidence on the criminal "Red Cedar." We had some friendly discussion afterward, as one of our members likes the cedars for their protection of birds. Emily and Sherry shared another cedar, which can be used and does not encroach on our lands like the red cedar does.

Emily shared pictures of a local wildfire that she recently helped to control. One of the problems in this fire was the exploding flame of fire made by the red cedars in the area.

Sherry presented us with a sheet on identification of trillium. There had been some difficulty with identification of one found on the last field trip.

Marlene read the information from the *Petal Pusher* Editor's email regarding a piece of prime native plant property for sale in northern Arkansas.

Marlene and Sherry will be attending the summer Board meeting.

Marlene also handed out the extra free *Petal Pushers* that we receive for distribution. We decided to use some of the T-shirts we have left to reward speakers.

We have decided to work together on the patch. We will help each other during meetings and field trips to each meet the criteria by the end of the year. Emily, Sherry, and Marlene have volunteered to help with certain sections. During our first field trip (to a private property), those attending began working on the field identification area. Sherry handed out a nice table for us to use to document our 30 plants for the MONPS Badge Requirement #1. At the April meeting, Sherry helped us work on badge step 13. We all shared various guides, keys, and websites that we found useful.

On May 15th, we welcomed David Lindell back. Monte McQuillen, MDC wildlife management biologist gave a presentation on the Truman Wetland Project. He gave us the plan and objectives and then, covered the various areas of work, what has been accomplished so far and what the final project should look like. He had slides of the work in progress. A business meeting and work on our badge project followed. Marlene Miller worked with us on native plants as medicine and other uses.

On May 25th, we worked on the Mead's Milkweed Survey at Wah Kon Tah Prairie.

Plants in the News

Study: Global Warming Boosts Poison Ivy

Research scientists have concluded from experiments conducted in a forest at Duke University - where they increased carbon-dioxide levels to those expected in 2050 - that poison ivy grows faster and bigger as carbon dioxide levels in the atmosphere rise, and a CO₂-driven vine also produces more of its rash-causing chemical.

The scientists from Duke and Harvard University reported that compared to poison ivy grown in usual atmospheric conditions, those exposed to the extra-high carbon dioxide grew about three times larger—and produced more allergenic form of urushiol.

Their study appears in the week of May 29th Proceedings of the National Academy of Sciences.

Carbon dioxide is a greenhouse gas - a chemical that traps heat similar to the way a greenhouse does - that is considered a major contributor to global warming. Greenhouse gases have been steadily increasing in the atmosphere since the Industrial Revolution.

Insect that Kills Ash Trees Found in IL

The emerald ash borer, which feeds on the leaves and wood of ash trees, was found recently by a homeowner in a rural subdivision near Lily Lake, about 40 miles west of Chicago in central Kane County, said Warren Goetsch, division manager for natural resources in the agriculture department.

It is likely the borer reached Kane County in firewood from an infested area, Goetsch said. Besides the yard where it was discovered, state inspectors found at least six more infested trees within five blocks, as well as evidence of infestation in an adjacent subdivision.

The pest has prompted Illinois state officials to prepare a detection and eradication plan according to the state agriculture department.

The ash borer is blamed for the loss of nearly 20 million trees in Indiana, Ohio, Michigan and neighboring Ontario since it was first found near Detroit in 2002. The pest is believed to have found its way from China to the United States in shipping crates, possibly as long as 15 years ago.

Hawthorn Chapter April-June Program & Activity Report

Submitted by Judy Turner, Chapter Representative

First of all, I need to give folks an update (unfortunately, unfavorable!) on two items reported in the last *Petal Pusher* (May-June 2006). We were disappointed that no students applied for our travel scholarship to the North American Prairie Conference in Nebraska. Hopefully, we can have better luck next time. Also, the City of Columbia rejected our proposal for a demonstration garden on the Katy Trail. The Parks & Recreation Department has received a special grant for doing work on the nearby parking lot, shelter and replacement walkways this summer. Landscaping will be planted and maintained by parks staff in the fall or spring.

Now for the good news! Field trips!

Our first field trip was April 1st to the Baskett Area to see the Serviceberry in bloom. They were spectacular! We also identified over 70 species of plants. Our next field trip was April 15th to the Rudolf Bennett Conservation Area. There we were delighted to view one major hillside of wild leeks and several smaller areas. According to Jim Whitley, this is only one of seven such sites left in the state. What a rare opportunity it was! Other plants of interest were seedpods from the Adam and Eve Orchids, bellwort, fragile fern, toothwort, and wake-robin.

Our first field trip for May actually happened in April. We were scheduled to go to Three Creeks State Forest to view shooting stars. However, because of the heat and dry weather, they bloomed early. Several chapter members were lucky enough to go out early to see them, as they were bloomed out by the time our trip was originally scheduled.

Next trip was our annual hike to Paris Fork to view Lady Slippers in bloom. There weren't as many as last year, but it was still a treat.

They weren't field trips per se, but two of our members began an identification program of both "good" and "bad" plants along the MKT Trail near the Audubon Center. ID markers were placed on 30 or so plants with their common name, scientific name, and whether they were Missouri natives or invasive exotics.

Other Hawthorn members have identified plants along the Forum Blvd. section of the MKT Trail in preparation for the Trail-side Expo held June 3rd. At the Expo we gave away plugs of native plants/grasses and have examples of native shrubs that can be used instead of the invasive bush honeysuckle. Additional field trips scheduled for June/July include Marshall Diggs Conservation Area, a glade on private land in Callaway County, and our biennial trip to the Prairie Garden Trust.

In our chapter business and program news, vice-president Nadia Navarrete-Tindall presented a slide program in May on increasing the diversity in your garden with native plants. She showed photos of species that offer beauty, cover, and food for wildlife. She also talked about ideas for combining plants in semiformal gardens, more controlled gardens, open sunny areas, and shaded environments.

Our chapter also had the pleasure of meeting eight members of Nadia's family from El Salvador. They were here to see Nadia's nephew receive his business degree from Columbia College, but also were willing to attend our chapter meeting.

In other chapter news, our local web page has been updated and re-configured, thanks to our president and newsletter editor, Judy Ward. It's really quite nice, even if we don't have any plant photos on it yet.

Our chapter now has a special events committee to plan and coordinate our participation in various events in Columbia. Our first event was Earth Day, where we had a very successful sale of plants and books. Our next event was the June 3rd Trail-side Expo mentioned above. Following that was the Native Plant Field Day on June 23rd sponsored by the Bradford Research and Extension Center at the University of Missouri-Columbia. We had books for sale and samples of native plants to show.

Our chapter was proud to nominate Randal Clark, an outstanding member of our community, for the state Erna R. Eisendrath Memorial Education Award. We all know that spring wildflower walks in Columbia would not be the same without Randal to lead and teach us! Thanks Randal!



Celandine poppy, *Stylophorum diphyllum*. Photo by Judy Turner

Has Your Membership Expired?

By Ann Earley, Membership Chair

We hope your membership has not expired!

To find out, please check the top line of your mailing label. If it shows the date 20060630, we have not received your dues for our new membership year, which begins in July and ends in June. Unless we receive your dues renewal very soon, this issue of the *Petal Pusher* may be your last.

To renew, please use the form on the inside back page of this newsletter, or the form from the Society website. If you have questions about your membership status, please contact Ann Earley (see back page for contact information).

We value our members and urge you to renew today. Please don't expire!

St. Louis Chapter April-June Program, Activity & Field Trip Report

Submitted by **Martha Hill**, Chapter Representative

On April 26th, Steve Buback of Forest Park Forever, gave a talk on "People vs. Plants—Finding the wild in the urban jungle." He has been a horticulturist at this famous St. Louis landmark for about a year and has already made an impressive impact at the park. His slides and presentation showed us how much hard work has been and still needs to be done. This renovation looks like a very worthy cause, and anyone interested in volunteering some hours to help him with this effort should contact him at the park.

The annual Shaw Nature Reserve Plant Sale was held on Saturday, May 13th and was a huge success. The St. Louis Chapter of MONPS had an informational booth manned by Jack Harris and Rex and Martha Hill. We signed up five new members and distributed a lot of information. Jack displayed a very professional looking panel, and many people stopped by to ask questions about the Society. The Fact Sheets were popular, and we ran out before the end of the day.

On May 17th Tara Herring, a recipient of the Hudson Research award from St. Louis University, gave a talk on "The Pollination Biology of *Cypripedium calceolus* var. *pubescens* (Large Yellow Lady's Slipper) in Missouri: Preliminary Findings." The slides were fun, and the information she presented was very interesting. This orchid is distinctive and beautiful, and Tara was enthusiastic about her research.

Several Webster Groves Nature Study Society (WGNSS) and MONPS members were taken for a hike on May 22nd at the recently acquired LaBarque Creek Conservation Area (now merged with LaBarque Hills TNC property) by Nels Holmberg, who is currently doing a plant survey for MDC. There were 25 participants who trudged through several acres of woodland, creek, barbed wire fence, chiggers, and ticks and were treated to an outstanding sandstone canyon landscape. We saw some unusual plants such as Michigan lily and blooming specimens of Forbe's saxifrage. It was fun and exciting, and our sincere thanks to Nels for showing us this unusual piece of property.

A "Wild Edibles" field trip to Rockwoods Reservation in the St. Louis area (Highway 109), was held on June 10th and led by Maxine Stone, former president of the Missouri Mycological Society, Kathy Thiele, former president of MONPS (and a darn good one, Kathy!), and Nels Holmberg, a locally renowned bryophyte expert and teacher. This walk featured both edibles plant and mushrooms.

Our June 28th chapter meeting diverged from the usual meeting format with a twilight walk in Forest Park. Everyone who was present at Steve Buback's talk and participated in this walk appreciated seeing first hand how much work has gone into restoring the natural areas of the park. It was a fun and interesting evening.

Kansas City Chapter Report

Submitted by **Sue Hollis**, Chapter Representative

We had a very successful three day plant sale and outreach at Powell Gardens Spring Garden Festival the first weekend in May. We made enough money to meet all our budget needs for the year.

On May 13th, we visited Cliff Drive, a very old scenic drive along the bluffs over the Missouri River, to see the restoration work completed by Kansas City Wildlands.

Thursday, May 18th, was our regular meeting. We had a program about uses of native plants for food and medicine, including cooking information by Tom Ledford.

On June 3rd, we did our annual count of Mead's milkweed plants at South Fork Prairie. We found a total of 27 plants, with several blooming. This was up from last year's count of 15, but not near the record count of 36 a few years ago.

On June 10th, several members participated in a BioBlitz at Jerry Smith Park. We also participated in the outreach program for the public and sold \$112.00 in plants from our own gardens. That money is earmarked for the Hudson Fund principal. There will be another payment also as soon as the City of Kansas City processes the invoice.

In June, we visited a prairie restoration project on a private property near Excelsior Springs, followed by a cookout at Tom Ledford's empire.



"I would feel more optimistic about the bright future for man if he spent less time proving that he can outwit Nature and more time tasting her sweetness and respecting her seniority."

~ E. B. White

INFORMATION ON JOINING MISSOURI NATIVE PLANT SOCIETY

SOCIETY DUES

(Chapter dues additional)
 Student \$5.00
 Regular \$10.00
 Contributing \$20.00
 Life \$200.00

CHAPTER DUES

Columbia \$6.00
 Kansas City \$5.00
 Osage Plains \$5.00
 St. Louis \$5.00
 Ozark's Native Plant ... \$5.00

(Circle all that apply)

Do not publish my name and address in the membership list.

\$_____ Contribution for student research award (Hudson Fund)

All contributions are tax deductible

Make check payable to: Missouri Native Plant Society

Mail to: Missouri Native Plant Society
 PO Box 20073,
 St. Louis, MO 63144-0073

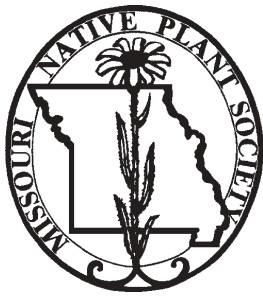
Name _____

Street _____

City, State _____

9 digit Zip _____ Phone _____

E-mail _____



Highlights from the Quarterly State Board Meeting Minutes

April 22, 2006, Cassville Branch Library, Cassville, MO

President Rex Hill (RH) called the meeting to order. Quorum assessment was okay. Agenda was approved. Martha Hill was appointed assignment recorder.

Approval of December 03, 2005, Columbia, MO minutes. Re: Item 26, specify who made statements about LaBarque Creek (i.e. Nels Holmberg communicated via Rex Hill about the forming of a coalition, Bruce Schuette mentioned that there are sandstone canyons and glades there, and James Trager noted that the Wolf Sanctuary bought the Buder property). Minutes approved as amended.

Treasurer's Report—Bob Siemer: \$651.00 in dues received since last meeting. The usual expenses have been incurred - Chapter dues, Hudson Fund expenses (a \$500 award was made to John Atwood), and mail. The operating account has \$8,449.57 total and \$5,454.12 in CD's. The Hudson Fund has been split to acquire better interest rates. Total assets are \$27,757.41. Treasurer's Report on file with Secretary.

PUBLICATIONS AND MEDIA

Publicity Chairman's Report—Kevin Bley (absent): Kevin sent inquiry regarding MONPS entering into a Memorandum Of Understanding with the Great Rivers Habitat Alliance.

Petal Pusher—Betty Walters (absent): Reminder - always in need of articles. Rex to tell Betty she is doing a great job!

Missouriensis—George Yatskievych (GY): Last year's issue has just now gone to the printer. Many things are in the wings, but not yet finished - Carl Darigo and Bill Summers are each working on checklists of mosses and of Howell County, respectively.

MONPS website—Martha Hill (MH) and Pat Harris worked on revising fact sheets; Tim Smith gave written comments to Martha. Martha will make changes related to comments received and then convert documents to PDF files. GY Moved that the fact sheets be re-numbered 1-4. John Oliver Seconded the motion. Motion approved.

COMMITTEES & TASK FORCES

Membership stats—Ann Earley: 20 new members since December; 314 total members. There were fewer non-renewals at end of 2005 than 2004. Thank you to Chapters for following up with non-renewals. Dues are due June 30; there will be a notice in the May-June *Petal Pusher*. Members can renew for more than one year at a time.

Nominating Committee—Kathy Thiele: No new nominations have come in. Paul McKenzie will run again. Sherry Leis will also run for a position as Board member.

Awards Committee—Jack Harris: Three names have been submitted in nomination, but no data has yet been received.

Hudson Fund Committee Report—George Yatskievych: A Hudson award was made to an UMSL student working on a small Missouri group of mosses, *Orthotrichum*. A note on the award will appear in the *Petal Pusher*. The Board had voted against making two awards. If we were awarding more money (greater than \$500.00), we would probably receive more proposals. Three proposals were received this year. Q: Is the amount more critical than simple awareness of the award? A: Probably, as announcements were sent "everywhere." Bob Siemer- If we could accrue 5% interest or better that would yield ~\$700. Proceeds from classes taught (\$100-\$200/year) go in the Fund, so we could be approaching the ability to give \$1,000 in the next year or two. We should give thought as to how to increase the principle; if the Fund total is close to \$20,000 then giving a \$1,000 award should be no problem. Q: When money is given to Hudson, does the donor have a say as to if it goes to principle or a bigger award? A: Either way, it doesn't matter. Paul McKenzie made a Motion to wait another year, see how things go and then decide any changes. Tim Smith Seconded the motion. Motion approved.

Archivist position: Jack Harris will take over the position of Archivist from George Yatskievych. Thank you from the Board to both. All chapters should send copies to the archivist.

Chapter Reports: Hawthorn, Kansas City, Saint Louis, Osage Plains and Ozark reports on file with Secretary.

SOCIETY BUSINESS

Fundraiser/T-shirts: Max Towler has taken over responsibility for T-shirts. Chapter reps can get T-shirts from him. Max will do an inventory soon.

Workshops: Nels Holmberg and Kathy Thiele will be conducting a workshop on Missouri's Edible Plants and Mushrooms at St. Louis Community College-Meramec, April 25 & 29 with Missouri Mycological Society.

MISCELLANEOUS

June meeting at Peck Ranch: This meeting will include the annual meeting. Pat French and Sue Hollis offered to help Tim Smith organize food for the meeting.

New Species of Concern Checklist and new Conservation Atlas from MDC—Tim Smith (TS): TS will mail copies of checklist to those who request one; also, the subject of a "state grass" is back in the legislature with no opposition. It may actually make it this time.

Flora of Missouri Volume II—George Yatskievych: Brochures for Vol. II are available to Chapter reps. GY brought MONPS brochures (he can also mail them out to Chapter reps).

Bruce Schuette announced that Missouri State Parks should now have guest comment cards. Please keep this in mind on field trips or other visits.

Mead's milkweed surveys: May 27, Wah Kon Tah Prairie; June 6, Prairie State Park. Rex Hill will send info to Robin Kennedy to get dates up on website. Kansas City will also be doing surveys at Southfork Prairie on June 6.

Seeds of Success (SOS)—Rex Hill: Has corresponded with the Chicago SOS leader and pointed her to Tim Smith for permits. Tim Smith directed her to contact people like Missouri Wildflowers Nursery, etc. who have sources for seeds. Seeds from private prairies might make more sense to collect from, rather than MDC prairies.

Jack Harris (JH) noted that LaBarque Creek Conservation Initiative is 1 of ~27 such groups. MDC is working with landowners (JH is volunteering). Homeowners in the watershed of 7,000 acres will try to create interest to conserve the natural habitat of the area. They want to retain the character of the terrain. They are up against commercial interests.

PRESENT AT MEETING

- | | |
|-----------------|--------------------|
| Rex Hill | Sue Hollis |
| Patricia French | George Yatskievych |
| Kathy Thiele | Paul McKenzie |
| Ann Earley | Bob Siemer |
| Bruce Schuette | Tim Smith |
| Kim McCue | Judy Turner |
| John Oliver | Martha Hill |
| Max Towler | Jack Harris |
| Sherry Leis | |

Respectfully Submitted,
Kimberlie McCue
Secretary



Missouri Native Plant Society
P.O. Box 20073
St. Louis, MO 63144-0073

ADDRESS SERVICE REQUESTED

Inside This Issue

- Society & Chapter Dues Are Due
- September Botany Canoe Trip & Lodging Details
- 42 Attend State Spring Botany Hikes
- Chapter Program, Activity & Field Trip Reports

Non-Profit
Organization
U.S. Postage
PAID
St. Louis, MO
Permit No. 1720

Missouri Native Plant Society Officers and Board Members

PRESIDENT

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

VICE - PRESIDENT

Tim Smith
1704 W. Main
Jefferson City, MO 65109
573-635-8085
Tim.Smith@mdc.mo.gov

SECRETARY

Kimberlie McCue
5056 Milentz Ave.
St. Louis, MO 63109
msokam@swbell.net

TREASURER

Bob Siemer
74 Conway Cove Drive
Chesterfield, MO 63017
636-537-2466
rivis42@prodigy.net

IMMEDIATE PAST PRESIDENT

Kathy Thiele
4 Rodelle Woods
Weldon Spring, MO 63304
636-300-9290
thiele6336@aol.com

BOARD MEMBERS

James C. Trager, Ph.D. ('05-'08)
Shaw Nature Reserve
P O Box 38
Gray Summit, MO 63039
636-451-3512, Ext 6002(w)

Paul McKenzie ('06-'09)

2311 Grandview Circle
Columbia, MO 65203
573-445-3019
paul_mckenzie@fws.gov

Robin Kennedy ('05-'08)

University of Missouri Herbarium
Columbia, MO 65211-3170
573-882-6519
umoherb@missouri.edu

John Oliver ('04-'07)

4861 Gatesbury Dr.
St. Louis, MO 63128
314-487-5924
joliver02@earthlink.net

Bruce Schuette ('04-'07)

678 St. Rt. 14, Troy, MO 63379
636-528-7247(w)
baessch@nothnbut.net

Sherry Leis ('06-'09)

PO Box 368, Clinton, MO 64735
660-885-6981(w)
Sherry.Leis@mdc.mo.gov

ARCHIVES

Jack Harris
9708 Green Park Rd.
St. Louis, MO 63123
314-894-9021

ENV. AND EDUC.

John Oliver
(see board members)

FIELD BOTANY

Tim Smith
(see officers)

MEMBERSHIP

Ann Earley
1425 Bobolink Pl.
St. Louis, MO 63144-1128
314-963-0103
aee623@prodigy.net

PUBLICITY

Kevin Bley
9252 Southview Lane
St. Louis, MO 63123
314-544-3692
bley435@yahoo.com

MISSOURIENSIS,

CO-EDITORS

George Yatskiewych
MO Botanical Garden
PO Box 299
St. Louis, MO 63166
314-577-9522(w)
george.yatskiewych@mobot.org

Doug Ladd

The Nature Conservancy
2800 S. Brentwood Blvd.
St. Louis, MO 63144
314-968-1105(w)

PETAL PUSHER,

EDITOR

Betty Walters
413-B Hanna Road
Manchester, MO 63021
636-527-4194
bettyluvsinsects@yahoo.com

DISTRIBUTION MGR.

Bill Knight
5101 Dresden Ave.
St. Louis, MO 63116
314-832-7081
wmknight@gtw.net

EDITORIAL COMM.

David Castaner
Paul Redfearn
Tim Smith
Stephen L. Timme

CHAPTER

REPRESENTATIVES

HAWTHORN
Judy Turner
jtejasrgv@yahoo.com

KANSAS CITY

Sue Hollis
3311 Gillham Rd
Kansas City, MO 64109-1749
816-561-9419
fernagro@att.net

OSAGE PLAINS

Marlene Miller
949 NE Hwy C
Calhoun, MO 65323
660-694-3581
jwmiller@iland.net

OZARK'S NATIVE PLANT

Pat French
MDC Ozark Regional Office
PO Box 138
West Plains, MO 65775
417-255-9561 Ext. 222(w)
Patricia.French@mdc.mo.gov

ST. LOUIS

Martha Hill
4 Grantwood Lane
St. Louis, MO 63123
314-849-1464
marthajhill@earthlink.net