



MAY – JUNE 1994

VOL. 9, NO. 3

MISSOURI NATIVE PLANT SOCIETY

MAY

- 1** Sat.–Sun., 9 a.m.
Kansas City **May Fest at Powell Garden.** We will have a table and sell native plants from Merv Wallace's Missouri Wildflowers Nursery. For more info call Mike Laird (913) 677-2830.
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- 1** Sun., 12 noon
St. Louis **Inventory Field Trip to Creve Coeur Park.** Led by Jim Bogler. Monthly until Nov. to inventory the flora of this endangered park. Meet at the So. end of parking lot by the Lake.
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- 3** Tues., 7:30 p.m.
Jefferson City **Geology of Missouri—Why Natives Fit Our Soils.** Monthly meeting at Runge Conservation Nature Center.
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- 5** Thur., 7 p.m.
Columbia **Plant Swap.** A chance to swap spare flowers, vegetables or other plants. Friends Room of the Columbia Public Library.
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- 7** Sat., 8 a.m.
Jefferson City **Geology Field Trip.** Meet at Runge Conservation Nature Center.
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- 7** Sat., 10 a.m.
Mid Missouri **Field Trip to Graham Cave State Park** led by St. Louis MONPS members. Take I-70 to Danville exit.
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- 9** Mon., 7 p.m.
Columbia **Rumanian Travelogue.** Program presented by Stephanie Smith. Rescheduled from March. Monthly meeting at the Conference Bldg., National Fisheries Contaminant Center.
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- 13** Fri., 5:30 p.m.
Kansas City **Field Trip to Prairie Center/Wagner Prairie.** This will be the first of three visits to see the change of seasons. Take I-35 south to Olathe, take the Hwy 150/Santa Fe exit and go west on Santa Fe about 4 miles. Prairie Center is on the left.
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- 14** Sat., 9 a.m.
Columbia **Field Trip to Missouri Wildflowers Nursery.** Guided tour by owner Merv Wallace. Meet at Fish & Wildlife Research Center, 1110 S. College Avenue, to car pool.
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- 21** Sat., 9 a.m.
Kansas City **Field Trip to Line Creek Park** in North Kansas City to see woodland wildflowers. For more info see local newsletter or call Mike Laird (913) 677-2830.
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- 22** Sun., 1 p.m.
St. Louis **Running Buffalo Clover Hunt** at Castlewood State Park. Ethel Hickey of the U.S. Forest Service will have all the clover species for inspection & discussion. We'll split into small groups to search likely sites near one of this plants last known Missouri stations in an effort to rediscover it. Meet at Castlewood at 1 p.m. sharp.
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MISSOURI NATIVE PLANT WEEK JUNE 5 – JUNE 11

- 22–29** Sun.–Sat. **Celebrating Wildflowers Week** sponsored by the U.S. Forest Service. See article on page 9 for more information.
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- 25** Wed., 7:30 p.m.
St. Louis **Prairie Restoration** program presented by Bill Davit of the Missouri Botanical Garden. Monthly meeting, Ridgway Center, MO Botanical Garden.
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- 26** Thur., 7 p.m.
Springfield **Rocky Barrens** program presented by Mike Skinner, plant taxonomist with the Missouri Department of Conservation. Monthly meeting at Springfield Conservation Nature Center.
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- 27** Fri., 5:30 p.m.
Kansas City **Field Trip to Lake Jacomo** for woodland wildflowers and general exploration. For more info see local newsletter or call Mike Laird (913) 677–2830.
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- 29** Sun., 12 noon
St. Louis **Inventory Field Trip to Creve Coeur Park.** See May 1 for details.

JUNE

- 4** Sat., 10 a.m.
St. Louis **The Native Wildflowers of Missouri** presented by Jim Bogler at the Nature Company, in the Galleria, Richmond Heights.
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- 4** Sat., 10 a.m.–4 p.m.
Kansas City **Prairie Days at Burr Oak Woods Conservation Nature Center.** See article on page 8.
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- 5–11** Sun.–Sat. **MISSOURI NATIVE PLANT WEEK**, the first in Missouri history. Many programs, walks, and field trips are being held across the state. See your local newsletter for activities in your area. See page 4 for Missouri Botanical Garden programs.
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- 5** Sun.
Columbia **Dedication Ceremony of MKT Trail Display Sign** containing photographs of wildflowers found along the trail. Donated by the Hawthorn Chapter. Call Larry Mechlin (314) 445–6055 for time and place.
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- 5** Sun.
Kansas City **Powell Garden**, wildflower walks to the Prairie area, slide shows, Perennial Border walks, native plant presentations. Events will be held throughout the day. Call Daniel Rice (816) 461–0206 for information.
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- 5** Sun., 9:30 a.m.
St. Louis **Field Trip to Greensfelder County Park Glades** led by Dennis Hogan, Park Ranger and manager of the park glade and savanna restoration. Meet at the Learning Center, Allenton and Hencken Rds. Be prepared to hike rugged terrain. For information call 889–2458.
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- 5** Sat., 10 a.m.
Mid Missouri **Field Trip to Graham Cave State Park** led by St. Louis MONPS members. A return trip to this State Park. Take I–70 to Danville exit.
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- 9** Thur.
St. Louis **Field Trip to Valley View Glades** with the Webster Groves Nature Study Society. Call (314) 894–9021 for information.
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- 9** Thur., 7 p.m.
St. Louis **Landscaping with Native Plants Workshop** presented by Merv Wallace of Missouri Wildflowers Nursery and Steve Tiemann of St. Louis County Parks. Held at the North County Recreation Complex. **Reservations required.** Call 889–2458.
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- 9** Thur., 7:30 p.m.
St. Louis **The Rare and Endangered Wildflowers of Missouri** program presented by Nels Holmberg at the University City Library.

- 10** **DUE DATE FOR MATERIAL FOR JULY–AUGUST *PETAL PUSHER*** Please send meeting and field trip information and articles (typed double spaced) to the editor by this date. If article has been word processed on a Macintosh, please send copy on disk to Pat Harris. Disk will be returned.
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- 11** Sat., 9 a.m. **Field Trip to see aquatic plants** in restored strip mine ponds, led by Jim Whitley. Meet at the Fish & Wildlife Research Center, 1110 S. College Avenue to car pool.
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- 11** Sat. **Installation and dedication** of a native plant garden at a Raytown City Park. Call Daniel Rice (816) 461–0206 for more information.
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- 11** Sat., 9 a.m. **Native Wildflowers Workshop, Lecture and Hike** presented by Bruce Schuette, Park Naturalist, at Cuivre River State Park. Reservation required. (314) 528–7247.
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- 11** Sat., 9 a.m. **Wildflower Walk** at Champ County Park led by Steve Tiemann, Park Ranger. **Reservations required.** (314) 889–2458.
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- 13** Mon., 7 p.m. **Buffalo Grass & Other Native Grass Field Trials** program presented by Dave Minner. Monthly meeting. Meet at the Turf Grass Research Farm (entrance just West of National Fisheries Contaminant Center) on New Haven Road.
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- 18** Sat. **Rocheport Garden Walk.** Our chapter will have a booth. Volunteers needed. Call Larry Mechlin for more information (314) 445–6055.
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- 18** Sat., 10 a.m. **Wildflower Walk** at Castlewood State Park led by Jim Bogler. Meet at Picnic Shelter #2.
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- 22** Wed., 7:30 p.m. **Monthly meeting.** Program to be announced. Ridgway Center Missouri Botanical Garden.
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- 23** Thur., 7 p.m. **Monthly meeting and plant identification walk** on the grounds of the Springfield Conservation Nature Center. See local newsletter for program subject.
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- 25** Sun., 9:30 a.m. **Field Trip to Greensfelder County Park Glades** led by Dennis Hogan, Park Ranger. See June 5 for details. For information call 889–2458.
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- 25–26** Sat.–Sun. **ANNUAL MEETING and FIELD TRIP.** See article on page 5 for details.

JULY

- 2** Sat., 8 a.m. **Field Trip to Fults Hill Prairie,** led by Pat Grace. Meet at South County Shopping Center near the Tire Center at 8 a.m. or at Fults Prairie at 9 a.m.
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- 3** Sun., 12 noon **Inventory Field Trip to Creve Coeur Park.** See May 1 for details.
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- 9** Sat. **Field Trip to Prairie Garden Trust.** See local newsletter for details or call Larry Mechlin (314) 445–6055.
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- 9** Sat., 8 a.m. **Field Trip to Iron Mountain and Bismark Lakes** in search of Purple Fringless Orchids, led by Pat Grace. Meet at South County Shopping Center.

MISSOURI BOTANICAL GARDEN and SHAW ARBORETUM EVENTS

The Missouri Botanical Garden has scheduled many programs and walks to help celebrate "Missouri Native Plant Week" and the U.S. Forest Service "Wildflowers Week." We hope all the programs offered to the public in May and June will help others come to know and appreciate the native plants and flowers of Missouri.

Reservations and an admission charge is required for Arboretum programs. Call 451-0541 for reservations. The Garden programs are free with normal admission. Several of the programs require reservations. Check the listing below and call 577-9434 to make reservations.

"CELEBRATING WILDFLOWERS WEEK" May 22 – May 29

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| May 22-29 | 1:00 – 2:00 pm | The daily walks by the Garden Guides this week will emphasize Missouri plants and trees at The Missouri Botanical Garden. |
| May 22 | 9:00 – 10:30 am | Arboretum Wildflower Walk and Whitmire Wildflower Garden Tour. Two concurrent walks will be led by Arboretum guides (staff and volunteers). Admission is charged. |
| May 23 | 10:00 am | Garden Horticulturist June Hutson will lead a tour through the Heckman Rock Garden emphasizing its wildflowers. Reservations required. 577-9434. |
| May 24 | 2:00 – 3:00 pm | Dr. Larry Stritch from the U.S. Forest Service will give a lecture entitled "Endangered Species in our National Forest." Kemper Center Lecture Hall. |
| May 26 | 7:30 pm | Arboretum horticulturist Scott Woodbury will give a lecture and slide presentation: "Introduction to Gardening with Wildflowers" in the Beaumont Room. Free seedlings will be given away. |
| May 27 | 10:30 – 11:30 am | "Endangered Plants at the Missouri Botanical Garden." Horticulture taxonomist Dr. Alan Lievens will lead a tour in the Garden and greenhouses of rare and endangered plants managed by the Center for Plant Conservation. |
| May 29 | 9:00 – 10:30 am | Arboretum Wildflower Walk and Whitmire Wildflower Garden Tour. See May 22 for details. Admission is charged. |

"MISSOURI NATIVE PLANT WEEK" June 5 – June 11

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| June 4 | 10:00 – 11:00 am | "From Inspiration to Publication," local author and naturalist Karen Haller will present a slide show/lecture on her book <i>Walking with Wildflowers: In the St. Louis Area</i> in Shoenberg Auditorium. |
| | 11:00 – 12:00 pm | Book signing by Karen Haller of her book in Grigg Lobby, outside of the Garden Gate Shop. Books will be available for purchase. |
| June 5 | 9:00 – 10:30 am | Arboretum Wildflower Walk and Whitmire Wildflower Garden Tour. See May 22 for details. Admission is charged. |
| June 5 | 10:00 – 3:00 pm | Plant mounting and illustration demonstration emphasizing research on Missouri native plants. Monsanto Hall. |
| June 5-11 | 1:00 – 2:00 pm | The daily walks by the Garden Guides this week will emphasize Missouri plants and trees at MBG. |
| June 7 | 7:00 pm | Dr. George Yatskievych , Garden curator on Missouri plants, will give a lecture entitled "Nature's Garden – Native Plants and their Habitats in Missouri" in Shoenberg Auditorium. |
| June 8 | 3:00 pm | Garden Horticulturist Chip Tynan will lead a tour, "An Afternoon with Native Woodies" on the Garden grounds. Reservations required. 577-9434. |
| June 10 | 2:00 pm | Master Gardener Ann Case will give a talk and slide presentation entitled "Landscaping with Natives" in the Missouri – Botanical room followed by a short walk through the Garden grounds. Reservations required. 577-9434. |
| June 11 | 8:45 am | Wildflower Walk at the Arboretum led by James Trager, Arboretum Naturalist. Call 451-3512 for information and reservations. |
| June 11 | 1:30 pm | "Forum on Restoration of Plant Communities in Missouri" involving representatives from U.S. Forest Service, MO Department of Natural Resources, MO Department of Conservation, The Nature Conservancy and Shaw Arboretum. Participants will discuss restoration strategies and philosophy. Shoenberg Auditorium. |



1994 ANNUAL MEETING

The 15th annual meeting of the MONPS Board of Directors, and related activities, will convene in the vicinity of the loess hills prairies of northwest Missouri. The celebration of this anniversary will begin by first visiting examples of prairie flora unique to the loess hills landform which in Missouri occurs only in the extreme northwest corner of the state. Loess, a wind transported, clastic, glacial deposit accumulated over 15,000 years during the late Pleistocene, is over 200 feet thick in some places. Loess is highly permeable and is unusual in its ability to stand at very steep slope angles. The floral result on exposed south and west facing slopes is an aggregate of eclectic, short grass prairie community members that are normally found farther to the west. With about 38 inches of rainfall per year, erosion has played a major roll in shaping the landscape here. In the afternoon we will move on to observe the flora of the adjacent glaciated plains. Both of the sites have qualified natural areas under the state Natural Areas program.

An informal prairie warm-up gathering is planned for Friday evening (starting about 8:00pm-ish) at the Rockport Inn (check at the desk for room location). Bring 5-10 slides of prairie plants and flowers. And bring along with them your audacious stories about how the photos were acquired.

Directions: Take I-29 north out of Kansas City to exit 110 which is the ramp to Highway 136. Meet at the Rockport Inn parking area which is about a tenth of a mile east of I-29 on the south side of Highway 136. The field trips will originate from this location. Bring all-weather gear, prairie botany field guides, magnifying glass, and your very favorite insect repellent. The annual meeting and the quarterly business meeting will take place just across the interstate (the west side) on the north side of Highway 136 at the Trail's End Restaurant.

ITINERARY

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|---------|------|-----------|--|
| June 25 | Sat. | 8:30 a.m. | Field Trip. A morning climb on Star School Hill Prairie. Meet at the Rockport Inn parking lot, I-29 & Hwy. 136. (Exit 110). |
| | | 1:00 p.m. | Field Trip. An afternoon walk on Tarkio Prairie. Meet at the Rockport Inn parking lot. |
| | | 6:30 p.m. | MONPS Annual Banquet. Trail's End Resaaurant, Rockport, I-29 & Hwy 136. (Exit 110). Order off the menu. |
| | | 8:00 p.m. | MONPS Annual Meeting at Trail's End Restaurant. |
| June 26 | Sun. | 8:30-noon | MONPS Quarterly Meeting at Trail's End Restaurant. |

Motels:

•ROCKPORT INN

I-29 and Hwy 136 (exit 110)

Single—\$31.42 a night

Double—\$38.75 a night

These are DISCOUNTED prices (and include tax) for MONPS members. (816) 744-6282 for reservations. This is tourist season so call as soon as possible. Mention Missouri Native Plant Society for the discount.

•OAK GROVE INN

I-29 and Hwy 136 (exit 110)

(816) 744-5357

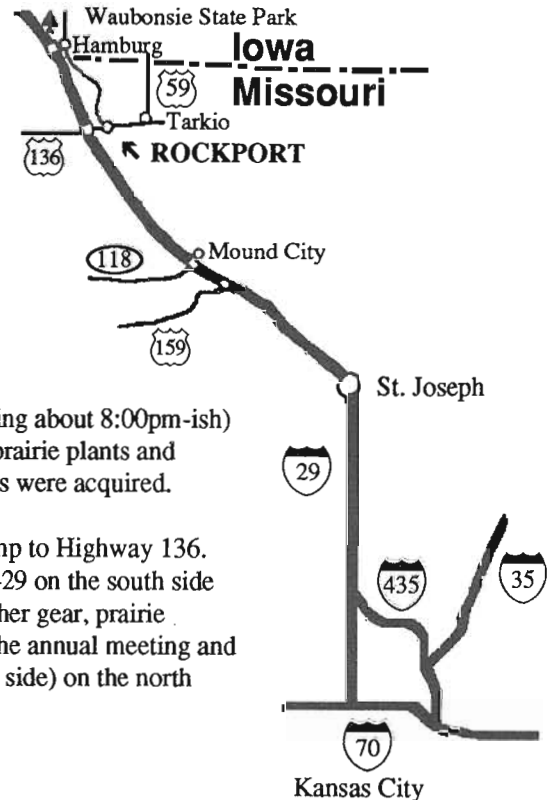
Camping:

•KOA Camping

One-half mile west of Jct. I-29 and Hwy 136 (exit 110)

Price range: \$8.00 - \$12.00

•WAUBONSIE STATE PARK in Iowa has camping. It's about 30 North of Rockport. The number for Iowa's DNR is (515) 281-5145.



MISSOURI NATIVE PLANT WEEK

From Inspiration to Publication

Karen Haller, local author, naturalist and past president of MONPS will present a slide show/lecture on her new book *Walking with Wildflowers: In the St. Louis Area*. It will be held June 4, from 10:00 a.m. to 11:00 a.m. in Shoenberg Auditorium, Ridgway Center, Missouri Botanical Garden.

Immediately after the program Karen will be available to autograph her book. This will take place in Grigg Lobby, outside of the Garden Gate Shop. There will be books available for purchase.

Board Meeting Highlights

APRIL 17, 1994

President Stephen L. Timme and 17 board members met at the Ozark Chinquapin Nature Center, in Roaring River State Park.

Treasurer's report indicated a balance of \$10,154.68.

Committee Reports:

Archives: Jim Bogler requested that members send field notes to him from their botany trips. We will begin to have a sign up sheet for participants on Society field trips.

Missouriensis: George Yatskievych reported there are not very many manuscripts coming in. The Editorial Committee would like some work to do. George said the editors are considering changing the size of the Journal to save paper and money. It will either be 8½ x 11 or 5½ x 8½, the latter is one-half inch smaller than it is now. The majority thought the smaller size would be best.

Missouri Flora Atlas: Stephen Timme reported for Wally Weber. Wally thanked all those who helped proof read the Atlas. He has two possible publishers or will have it done in-house at Southwest Missouri State University.

Petal Pusher: Pat Harris reported she is almost finished with the May-June issue. She asked for any information from Chapters on MO Native Plant Week.

Environment/Education: Jack Harris reported he has been working on getting out information to various organizations on Missouri Native Plant Week. He has also been doing some research on how Missouri came to have the Crataegus as our state flower.

Membership: Pat Grace said she continues to collect mail from the P.O. Box and distributes it to the proper place. She thanked Linda Ellis and Pat Harris for updating the Membership Brochure. Pat Grace and George Yatskievych will check into some of the nurseries wanting to be on the list of "Regional Native Plant Source."

Nominations: Karen Haller, Chair reported there were no other nominations for the two open board positions. Lynda Richards and Tim Smith were the nominees of the committee.

Ballot: Daniel Rice announced since there were no other nominees, Lynda Richards and Tim Smith were elected by acclamation.

Old Business

Missouri Native Plant Week (MNPW): Nels Holmberg passed around MNPW flyers from the St. Louis area. He is hoping to get feature articles in local newspapers. The Chapters announced some of the plans they have for MNPW. See the Calendar section for more information or call a local Chapter officer. Nels suggested the Chapters have membership flyers at all activities that week with some future events listed.

Joint Meetings with Arkansas and Illinois: We will try to coordinate with Arkansas in 1995. They are having their Fall meeting in the Northwest part of Arkansas this fall. We may try to get together on a field trip with them. In 1996 we will try to have a joint meeting with Illinois in June.

Distribution of \$ Between Chapter and Society: The Society needs an agreed upon set of guidelines on how to allocate

proceeds from fund raisers, sales, etc., between chapters and the Society. Jack Harris will draft some rules for consideration at the next board meeting.

Badge Program: Jim Bogler reported it is up and running. He passed around the Wildflower Badge and the Badge Brochure for those present to see. The committee to check the entries are: Stephen Timme, Tim Smith, Lynda Richards, George Yatskievych and Jim Bogler. Those completing the program will receive a letter from the President of MONPS along with the Badge. They will also be recognized at the Annual Meeting and also in the *Petal Pusher* or *Missouriensis*. It was moved, seconded and carried (MSC) that the Secretary will send out the Badges and the letter.

Speakers Bureau: Stephen Timme said he had received one form back from the last *Petal Pusher*. Those willing to be on the Speakers Bureau will be listed in the upcoming *Petal Pushers*.

Book Sales: Ann Wakeman said she hadn't heard back from any of the publishers she contacted. It was MSC to transfer this function to Stephen Timme since he already has it set up for the Kansas Wildflower Society. The list of books available will be printed in the *Petal Pusher* periodically.

MONPS Bandana: Linda passed around the drawing she designed for the bandana. It is a stylized version of the sunflower and lotus in earth colors. It was MSC to accept the design and MSC for Linda to order 500 printed with an upper limit at a cost of \$3.00. It should be ready for the 15th anniversary of MONPS this coming June. It was also MSC to have reprinted 100 "crossed socks" T-shirts. Stephen Timme will get a price quote for the T-shirts in Pittsburg, KS.

New Business

Post Cards: Sylvia Forbes checked one company. They have a minimum of 3000 of one design. We would have to distribute them ourselves. Stephen Timme will check into a company that does postcards in Pittsburg, KS.

Slide Library: Stephen Timme has over 13,000 slides in the MONPS Slide Library. If you need a slide of a certain plant, you can request a slide from the Library, with an explanation of what purpose it will be used for. You can make a copy of the slide or have a print made, and then return the slide to the Library. They cannot be used for commercial purposes. It was MSC to have a stamp made with "Property of MONPS" and a copyright symbol on it, and for a written permission slip to be sent with each slide order so the person can have it copied.

Re-imbusement from ENPA: Linda Ellis explained how much we were owed by ENPA from the joint meeting we had with them in September 1993. It was MSC to ask for \$287.65 re-imbusement to cover our expenses.

Photos on Display Board: It was MSC to pay Linda Ellis a total of \$45.00 for three pictures of hers we are using on the display board.

June Annual Meeting: Jack Harris reported the meeting will be held in Rockport, MO in the NW corner of the state. See article on page 5 for details of the meeting and field trips.

New Treasurer: Stephen Timme reported that Jody Eberly has asked to be relieved of her duties as Treasurer.

Chapter News

Hawthorn (Columbia)—Betty Aulabaugh gave a presentation on fescue control through prescribed burning at the January meeting. Ann Wakeman gave a demonstration on how to propagate native plants from seed. She discussed when they should be planted and demonstrated how to clean and scar seeds. Ann also had a variety of seeds for sale. Pam Haverland gave a presentation on making baskets (egg, potato, market) at the March meeting. Carol Leigh Brack-Kaiser presented the April program on dyeing using native plants. She talked about various fabrics that can be dyed successfully and what colors can be produced by what plants. She also gave techniques for successful coloring.

Our chapter plans booths at four different events this year: Day With Wildlife—April 10; Earth Day Street Festival—April 24; the Garden Tour in Rocheport—June 18; and Boone County Heritage Festival on Sept. 17-18.

Field trips planned include: Missouri Wildflower Nursery at Brazito; to see aquatic plants in restored strip mine ponds; to Prairie Garden Trust; to see prescribed burn results at Jim Whitley's property; to see Great Gourds where Susan Forrest will show us her gourd raising operation and where we'll have a wiener roast; and to Franklin Farms University of Missouri Floriculture facility.

Upcoming programs include: Dave Minner speaking on Buffalo grass and other native grass field trials; and Native Grass Propagation and Identification by Larry Mechlin.

Plans for Missouri Native Plant Week: The dedication ceremony on the MKT Trail for our display of native plants along the trail in the Columbia area; wildflower identification walks during the week; placing temporary identification markers beside a number of plant species along the trail.

Kansas City—We have had a very productive winter. January found us planning 8 field trips for the summer; in fact, there were more ideas for field trips than we could fit on our calendar!! In February, Dr. Stephen Timme spoke to 26 members and guest concerning the tropical rainforest. March brought our first field trip. This was to Dave Rock Glade, and all who attended thoroughly enjoyed themselves. Future field trips will be to Trice-Dedman Wood, the Prairie Center, Line Creek Park, and other local areas. If you would like information concerning dates and times for these, give Dan Rice a call at (816) 461-0206.

For Missouri Native Plant Week we will have programs and activities at Powell Gardens to introduce people to MONPS and to the use of native plants in gardening and enjoyment in general. There will be wildflower walks to the Prairie area; slide shows; perennial border walks; native plant presentations. Events will run throughout the day. On June 11 there will be an installation and dedication of a native plant garden at a Raytown City Park. We will be having some free 30 second radio spots. Call Mike Laird or Sue Hollis for more information if you want to participate or help with the programs.

Kirksville—Dr. Steve Carroll presented our February program on fire in Canadian forests, which was attended by over 20 people. Next year's officers were elected in March, and

Mike Jones (MDC) spoke about flood effects in Missouri. Our final meeting before "summer vacation" will be on 18 April. Dr. Scott Ellis will talk about his visit to Australia. A field trip to the Thousand Hills State Park savanna restoration site is planned for Saturday, 23 April.

St. Louis—We hold our monthly meeting on the fourth Wednesday of each month. So far we have had three very interesting programs. In January, Mr. Michael Currier of the Missouri Department of Natural Resources presented, "Missouri State Parks From a Natural History Perspective." In February, Dr. Alan Templeton of Washington University spoke on, "Restoration of Native Plant and Animal Communities in Southern Missouri Glade Ecosystems." In March, Dr. Marion Smith of Southern Illinois University, Edwardsville, spoke on, "Life on the Edge: The effect of the Flood of 1993 on Decurrent False Aster, a Native Floodplain Species." We will continue to hold monthly meetings at the Missouri Botanical Garden through October. We will begin having field trips soon.

The Chapters' Education Committee completed work on the brochure for the Society's Badge Program. Brochures have been distributed at a few recent events.

The St. Louis Chapter staffed a MONPS display at the successful "Naturescaping 94 Symposium," which MONPS co-sponsored and which was held at the Powder Valley Conservation Nature Center in St. Louis on March 12. We sold T-shirts and *Missouriensis* back issues, and also distributed information on the Society and the Badge Program. Many activities are planned for MNPW.

Springfield—We've had three programs this year. In January, John Lower of Proud Hill Nursery discussed various propagation methods for native perennials, shrubs and trees. In March, Lisa Thomas, ecologist at Wilson's Creek National Battlefield spoke on the Bladderpod Restoration Project. She also discussed the environmental effects on the native population and on a smaller introduced restoration project of bladderpod growing at the battlefield. On April 2nd, we helped with Naturescape at Springfield Nature Center. Upcoming events include: Earth Day Celebration at the Nature Center, with wildflower walks conducted by MONPS members; a Sunday afternoon field trip to Wilson's Creek National Battlefield to view the Bladderpod in bloom; Mike Skinner, plant taxonomist with the Missouri Department of Conservation, will present a program on Rocky Barrens.

NEW BOARD MEMBERS FOR 1994-1996

Since no additional nominees were received, Daniel Rice, Chairman of the Ballot Committee announced that the slate of board members selected by the Nominating Committee and published in the March-April *Petal Pusher* will stand for 1994-1996. The two board members are incumbents Lynda Richards and Tim Smith.



Tidbits

MISSOURI'S STATE FLOWER

While browsing through the Botany section in a Long Beach, California branch library recently, one of your co-editors happened upon a *State Flower* book. Under Missouri, the text cites three reasons for the choice of hawthorn as state flower 1) the genus name, *Crataegus*, stands for strength, of which Missourians have plenty—a questionable statement?, 2) the flower is white, which stands for purity, for which Missourians are noted—even less likely? and 3) the hawthorn grows in great abundance in Missouri—now we know that the author, who shall remain nameless, never visited our state!

(Based on the written record of the Missouri legislature the information regarding the name and color was not discussed and therefore had no bearing on the adoption of this plant as the state flower).

NATIVE GRASS SURVIVES FLOOD

The Missouri Prairie Journal Fall/Winter 1994 issue carried an interesting article concerning effect of flooding on grasses. At two levee sites where grasses were submerged for more than one month during last summer's floods, the Department of Conservation has found that switch grass (*Panicum virgatum*) had greened up and did not need reseeding, while fescue and canary grass died out. The same phenomena had been noticed several years ago when a switch grass plot had been underwater for three months.

VENUS FLYTRAP IN TROUBLE

Audubon Magazine March/April 1994 issue reports that the Venus flytrap (*Dionaea muscipula*), known only from North Carolina boggy, coastal area soils, is facing a declining future due to over-collection for resale. In 1990, more than one million plants were sent overseas and the domestic market is estimated to be just as large. The plant can be readily propagated through tissue culture, but collection is cheaper and bulb diggers can make as much as several hundred dollars a day in the woods. North Carolina agencies and The Nature Conservancy have established preserves, but these areas still require patrolling to stop the lucrative poaching market.

DNR RECOVERS SINKHOLE

Missouri Parks Association March 1994 *Heritage* Newsletter reports that restoration was recently completed on a sinkhole pond at Cuivre River State Park. The site had been filled in the 1940s to provide a playfield. Some 3,000 cubic yards of fill were removed down to the original organic sediment, which hopefully may contain buried seed for many of the original aquatic and pond border plant species.

EXOTIC TREE THREATENS EVERGLADES

A feature article in the April 1994 *National Geographic* discusses current status of the Florida Everglades. One of the more serious threats is rapid expansion of the exotic melaleuca (*Melaleuca quinquenervia*), a tree imported from Australia at

the turn of the century in an attempt to drain the Everglades. The tree does absorb water, but has adapted to Florida and spreads rapidly, crowding out native species. National Park personnel try to remove the trees physically, but are hoping for development of biological control methods.

HORSES THREATEN SHAWNEE

Just when Missourians are congratulating themselves for defeating the onerous ORV proposal for Mark Twain National Forest, our Illinois neighbors are facing a serious challenge in the Shawnee National Forest. According to the Spring 1994 *Shooting Star*, newsletter of the Illinois Native Plant Society (INPS) Southern Chapter, Shawnee National Forest is planning to open natural areas to horses. INPS, citing problems with exotic plant species brought in by horses and damage to native plant habitat, feels that enough other areas in the National Forest are available for equestrians so that natural areas (84 in Shawnee) should be protected. Anyone who has tried to hike along a horse trail (especially when ground is wet) knows first hand the damage caused by horses. One field trip in the Shawnee last year reported horses not only trampling into oblivion a patch of the fairly rare *Lilium superbum* (superb lily), but also dining on the plants. Concerned citizens can write Shawnee National Forest, Supervisor's Office, 901 S. Commercial St., Harrisburg, IL 62946.

HYPERICUM GOES COMMERCIAL

The host of a national radio financial program was recently interviewing a new entrepreneur who had started a successful vitamin products business. When asked to identify a major ingredient in his best-selling vitamin complex, the businessman admitted his expertise was mainly financial with his technical knowledge somewhat limited, but that his 'chemist' had said something called 'St. John's wort' was key to the formula.

Prairie Days

Come spend a day on the prairie and find out how people used to live in Missouri. There will be old fashioned children's games, black powder demonstrations, quilters, herb displays and demonstrations of natural dying, fur trappers, music and dancing, native wildlife, and more! Activities include sweeping the prairie for insects, guided hikes, crafts, storytelling, and more! It all takes place on June 4 from 10 a.m. to 4 p.m. at Burr Oak Woods Conservation Nature Center, 1401 Park Road, Blue Springs, MO. Call (816) 228-3766 for more information.



13th North American Prairie Conference

Proceedings from the conference are available for \$30.00, and include more than 30 papers on prairie preservation, restoration, management, and ecology. Order from Pat Lewis, Windsor Department of Parks and Recreation, 2450 McDougall St., Windsor, Ontario N8X 3N6, or call (519) 255-6877.

Before The Beginning - 15 Years of MONPS

In the last issue of this newsletter we printed a short article describing the meeting and members of the first officers and board of directors of MONPS in observance of the 15th anniversary of the founding of the Society. That information was taken from Vol. 1, No. 1 of *MISSOURIENSIS* – Summer 1979. We now take note that there was one (as far as we know) issue of a document entitled simply *NATIVE PLANT NEWSLETTER* dated January 1979, that was published before Vol. 1, No. 1. This earlier (first?) newsletter described a meeting held the previous October 7 of about 50 botanists in Jefferson City to discuss the status of rare plants in the state. At this meeting John Wylie and Jim Henry Wilson offered to assemble an ad hoc steering committee to plan an organizational meeting in the spring of 1979. The individuals that were asked to serve on that committee are noted here—again in observance of the founding of the Society—lest we forget!!

Dr. John Baumgardt, Mr. Lou Bottenberg, Dr. Melvin Conrad, Mr. Rick Daley, Mr. Edgar Denison, Dr. Erna Eisendrath, Dr. Leo Gallaway, Dr. Noland Henderson, Mr. Paul Nelson, Mr. Jim Shaw, Reverend James M. Sullivan, Dr. Wallace Weber, and Dr. Keith R. Evans.

JHH

Gypsy Moth Threat to Missouri?

A large infestation of the gypsy moth (*Lymantria dispar*) was found in northern Arkansas just south of the Branson area of Missouri in 1992. The preferred hosts for the larvae are oaks, although nearly all tree species may be considered side dishes and subject to consumption. This makes Missouri a susceptible target for a spreading and aggressive alien pest.

The Missouri Department of Conservation has issued a position paper on this subject and has invited comments on what the proper response for the state should be. For a copy of the paper, interested parties should write or call Susan Burks, c/o Missouri Department of Conservation, P.O. Box 180, Jefferson City, MO 65102; (314) 751-4115. Comments are requested by June 1, 1994.

JHH

Celebrating Wildflowers— Wildflower Week: May 23–29, 1994

Wildflower Week is sponsored by the National Endangered Plant Program of the U.S. Forest Service. It was initiated in 1992, but this is the first year the USFS in Missouri is participating. This annual event is designed to promote the “importance of conservation and management of native plants and their habitats by emphasizing their aesthetic, recreational biological, medicinal and economic values.” See the schedule of activities on page 4 for a partial listing of this year's functions. Parties interested in further details should write or call the Mark Twain National Forest, 401 Fairgrounds Road, Rolla, MO 65401. (314) 364-4621.

JHH

May – June 1994

Powder Valley Conservation Nature Center — St. Louis

June 8 7 p.m. “Native Shrubs and Small Trees with Potential for Home Landscaping” program presented by Tim Smith, botanist for Missouri Department of Conservation.

June 10 7 p.m. Bill Summers author of *Missouri Orchids* will present a slide program on “Orchids of Missouri.”

Reservations are required. Wildflower Walks and other activities are planned, but not yet scheduled.

See the June *LARKSPUR* or call (314) 821-8427 for information and reservations.



Exhibits

May 23 – June 12 There will be two exhibits on display at the **Kemper Center, Missouri Botanical Garden** in conjunction with “Celebrating Wildflowers Week” and “Missouri Native Plant Week.” One is from the U.S. Forest Service that illustrates their program on rare and endangered plants. The other is Bill Davit’s photographs of the Shaw Arboretum Experimental Prairie.



During the month of **June**, Missouri Orchid photos by Bill Summers, author of *Missouri Orchids*, will be on display at the **Runge Conservation Nature Center** in Jefferson City.

Archives & Flora File

Reminder: The archivist (see list of officers) solicits MONPS information for the Archives and Missouri floristic information (all types) for the MONPS Flora File. Please send your field notes from your botany outings.

55th Midwest Fish & Wildlife Conference

MONPS registered and operated a booth for the 2½ day Exhibit session held at the Regal Riverfront Hotel in downtown St. Louis, December 11–15. Over 1200 from all across the nation were registered at last report. The following MONPS members volunteered to spend time at the booth to provide visitors with information about the Society and to sell T-shirts and other paraphernalia: Jennifer Dolan, Karen Haller, Jack Harris, Nels Holmberg, Larry Morrison and John Molyneaux. These volunteers sold 25 T-shirts, a few MONPS pins and handed out many copies of our native plant week/membership flyer that was prepared by George Yatskievych. We wish to express our sincere appreciation for the assistance and support to the Society provided by these generous members.

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INFORMATION ON JOINING MISSOURI NATIVE PLANT SOCIETY

SOCIETY DUES

(Chapter dues additional)
Student\$5.00
Regular\$9.00
Contributing\$20.00
Life\$200.00

CHAPTER DUES

Columbia\$6.00
Jefferson City\$5.00
Kansas City\$5.00
Kirksville00
Ozark Showy00
St. Louis\$5.00
Springfield\$5.00

MAIL DUES TO: Jody Eberly, Treasurer

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INSIDE THIS ISSUE

- June Board Meeting & Field Trips
- Annual Meeting
- MO Native Plant Week Events

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