

MARCH-APRIL 1993

VOL. 8, NO. 2

MISSOURI NATIVE PLANT SOCIETY

MARCH

- 2 Tue., 7:30 p.m.
Jefferson City **Scents of Native Plants and How They Affect Our Lives** program by Ethel E. Hickey. Monthly meeting at the Cole County Extension Office, 2507 Industrial Drive.
- 8 Mon., 7 p.m.
Columbia Monthly meeting in the Community Room, Farm & Home Savings & Loan.
- 6 Sat., 1:30 p.m.
Kansas City **Introduction to Trees in Winter** program by Tom Hein. Held at the Martha Lafitte Thompson Nature Sanctuary, Liberty, MO.
- 20 Sat.
Jefferson City **Planting native flowerbeds** at Jefferson City Post Office. Contact Becky Washburn for meeting time.
- 22 Mon.
Kirksville Monthly meeting. Contact Donna Ford for meeting time and place. (816) 785-4623 (w) or (816) 665-6638 (h).
- 24 Wed., 7:30 p.m.
St. Louis **A National View of Plant Endangerment and Conservation** program by Donald Falk, Director of the Center for Plant Conservation. Monthly meeting at the Ridgway Center, Missouri Botanical Garden.
- 25 Thur., 7 p.m.
Springfield **Hunting the Elusive Morel** program by Dave Catlin, Manager of the Springfield Nature Center. Monthly meeting at Springfield Nature Center. A Spring Wildflower Walk will start before the meeting at 6 p.m.
- 27 Sat., 1 p.m.
St. Louis **Quantifying the Flora of Missouri** seminar by Doug Ladd, director of Science and Stewardship, Missouri Chapter of the Nature Conservancy. He will focus on the Nature Conservancy's efforts and experience with this program. It will be held at the Missouri Botanical Garden, Kemper Center for Home Gardening. Admission to the Garden is free on Saturdays until noon.

APRIL

- 3 Sat., 9 a.m.
St. Louis Education Committee Meeting. Ridgway Center, Missouri Botanical Garden.
- 4 Sun., 9 a.m.
St. Louis **Field Trip to Silver Mines Recreation Area** to look for the Yellow Trout Lily and Sand Phlox. Led by Jack & Pat Harris. Bring lunch and water. Meet at South County Shopping Center, NW corner of parking lot.

- 6** Tue., 7:30 p.m.
Jefferson City **Preview of the Runge Nature Center**, to be dedicated early summer, program by Lisa DeBruyckere, Runge Nature Center Manager. Monthly meeting at the Cole County Extension Office.
April Field Trip. We will be doing some plantings on the Nature Center grounds later in the month.
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- 10** Sat., 10 a.m.
St. Louis **Beginner's Wildflower Walk at Castlewood State Park** led by Nels Holmberg. Bring lunch and water. Meet at Castlewood at the 2nd picnic shelter.
-
- 10** Sat.
Kansas City **Field Trip** south of Kansas City to look for *Geocarpon minimum*, and to visit several prairie and woodland sites. For more information, contact Sue Hollis (816) 561-9419.
-
- 10** **DUE DATE FOR MATERIAL FOR MARCH-APRIL *Petal Pusher*.** Please send field trip information and articles to the editor by this date. If article has been wordprocessed on a Macintosh, please send copy on disk to Pat Harris. Disk will be returned.
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- 12** Mon., 7 p.m.
Columbia Monthly meeting in the Community Room, Farm & Home Savings & Loan.
-
- 16-18** Fri.-Sun.
BOARD MEETING **Board Meeting and Field Trip to Pickle Springs Natural History Area.** See article on page 3.
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- 20-22** Tue.-Thur.
St. Louis **Restoring Diversity: Is Reintroduction an Option for Endangered Plants?** Clarion Hotel. Registration fee \$125.00. If interested in registration, contact Marie M. Bruegman, Center for Plant Conservation, Missouri Botanical Garden, (314) 577-9450.
-
- 23** Fri.
Kansas City **Meeting and Field Trip.** Meet at Shawnee Mission Park after work for meeting and field trip to prairie area. For directions, contact Mike Laird (913) 677-2830.
-
- 25** Sun., 9 a.m.
St. Louis **Field Trip to Valley View Glade Natural Area** led by Jack & Pat Harris. We should see Fremont's Leather Flower. Bring lunch and water. Meet at the Commuter Parking Lot on the SE corner of I-270 and Gravois Road.
-
- 28** Wed., 7:30 p.m.
St. Louis **Why Trees Go Nuts: A Study of Acorn Production in Oaks** program by Dr. Victoria Sork, from University of Missouri at St. Louis. Monthly meeting at the Ridgway Center, Missouri Botanical Garden.
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- 29** Thur., 7 p.m.
Springfield **Wildflowers and Wildflower Gardening** program by Carl Hunter, author of *Wildflowers of Arkansas* and *Trees and Shrubs of Arkansas*. Monthly meeting at Springfield Nature Center. A Spring Wildflower Walk, led by Carl will start at 6 p.m. before the meeting.

MAY

- 1** Sat., 9 a.m.
St. Louis **Field Trip** led by Mary Smidt to 220 acres of wooded and cleared land owned by Monsanto. We will be doing a plant inventory. Bring lunch and water. Exit Hwy 40, North on Olive St. Rd. Left on Chesterfield Parkway North and drive about 1/2 mile.
-
- 1-2** Sat.-Sun.
Kansas City **Annual Plant Sale** at Powell Gardens. For more information, contact Mike Laird (913) 677-2830.
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- 4** Tue., 7:30 p.m.
Jefferson City **Landscaping with Natives** program by Ray Rothenberger, Horticultural Specialist, UMC. Monthly meeting at the Cole County Extension Office.

1993 SPRING BOARD MEETING

Join fellow MONPS members this weekend to learn about the bryophytes of the Pickles Spring area. The mosses and liverworts that make up the division of plants called "Bryophyta" is a mysterious, miniature world. Nearly half of all the bryophyte species known to occur in Missouri are found in the cool, moist places throughout Pickle Springs. Fourteen are found only in this area. On Piney Glade we will see different species of mosses and lichens. Pickle Springs is a designated Natural Area.

The field trips will be led by Stephen L. Timme, Assistant Professor of Botany and Director of the Theodore M. Sperry Herbarium at Pittsburg State University, Pittsburg, Kansas. If you have any questions, contact Steve Timme at (316) 235-4740 (W) University of Kansas.

Motels:

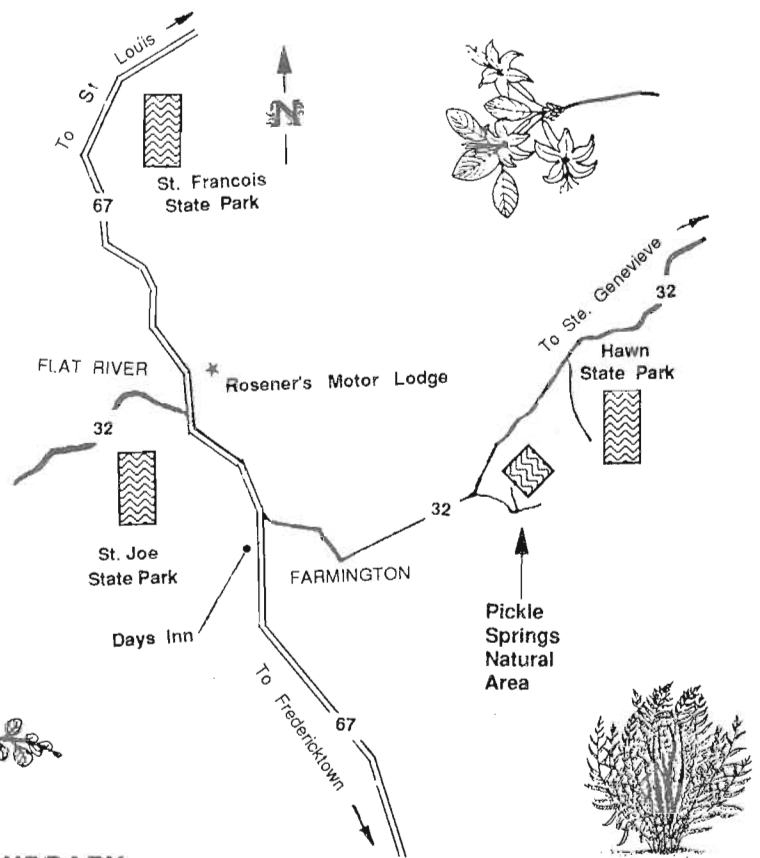
Rosener's Motor Lodge, U.S. Hwy. 67 North, Flat River, (314) 431-4241. Mention MONPS for 10% discount. This will be the center of biological activity, meeting point, Board Meeting and restaurant.

Days Inn, U.S Hwy. 67 South, Farmington (314) 756-8951, Farmington area.

Camping: Call in advance for reservations.

Hawn State Park (314) 883-3603.

St. Joe State Park (314) 431-1069.



ITINERARY

April 16, Fri., 6:30 p.m.	Buffet at Rosener's Motor Lodge, meeting room. \$7.75 or order from menu.
	8 p.m.
April 17, Sat., 9:30 a.m.	Slide Show presentation about bryophytes. Hand-outs will be available.
	Field Trip to Pickle Springs Natural Area. Meet at Rosener's Motor Lodge. Shuttle to Pickle Springs for bryophyte hike. If time permits, shuttle to Hawn State Park.
	Bring water & sack lunch. Or purchase sack lunch, (ham & cheese on rye or wheat, veggies, chips and cake) from Rosener's for \$2.95. But you must notify them Friday evening.
Evening	Dinner on your own. Buffet is available at Rosener's every evening. Other restaurants are located in Farmington.
April 18, Sun., 9 a.m.	Board Meeting Rosener's meeting room.
Afternoon	Optional informal hike at St. Joe State Park.

PAUL REDFEARN: IN RECOGNITION

by George Yatskievych

The recent retirement of *Missouriensis* editor Paul Redfearn provides a good opportunity to recognize Paul's service to the Society and its goals. Dr. Paul L. Redfearn Jr. is Professor Emeritus at Southwest Missouri State University, where he has been an important force in the study of bryophytes and of plants in the Ozark region. He has added much to our understanding of Missouri's flora. Paul is a charter member of MONPS and was president 1981-1983. His duties as editor of *Missouriensis* began with volume 7, in 1986 and ran through the end of volume 13, last year.

Paul's influence in matters relating to the Society's goals do not end there, however. He has been a board member of the Nature Conservancy's Missouri Chapter, a member of the Missouri Biodiversity Taskforce, and has

long been involved as an advisor with the assessment of rare and endangered plants through the state's Natural Heritage Program. During his years as curator of the SMSU herbarium he developed the collection into an important regional resource for the study of plants, and he served as advisor to a large number of students who have gone on to make their own contributions to Missouri botany. The membership of MONPS owes a large debt of gratitude to Paul Redfearn's contributions thus far, with the anticipation of many more years of friendship and service.

WELCOME TO NEW MEMBERS

During the months of December and January, the following persons joined MONPS. Welcome to all of you. We hope to see you at some of our events.

Judy Davis
Mary Jean Hawkins
Ralph Lindgren

Melanie Fathman
Vada Jenkins
George W. Scheil

BIODIVERSITY GETS MUCH NEEDED ATTENTION IN MISSOURI

by Jack Harris

In the introductory letter of *The Biodiversity of Missouri—Report of the Biodiversity Task Force* Jerry Presley, Director, Missouri Department of Conservation (MDC), and B. Eric Morse, Supervisor, Mark Twain National Forest (MTNF) conclude: "We are confident that it (the report*) will have a positive impact on the future management direction of the Mark Twain National Forest and the Missouri Department of Conservation. We invite other land managers in the state to join us in this effort." It is reassuring to report that serious progress has taken place in laying the groundwork for coordinated action by several public land management agencies to realize the objectives of this forecast and invitation.

A **Missouri Biodiversity Council** has been formed comprising representatives from the following agencies: Missouri Department of Conservation (MDC), Missouri Department of Natural Resources (DNR), Missouri Department of Agriculture (MDA), U.S. Army Corps of Engineers (CoE), U.S. Soil Conservation Service (SCS), U.S. Fish & Wildlife Service (USF&WS), the National Park Service (NPS), the U.S. Environmental Protection Agency (EPA), the Missouri Highway and Transportation Department, the Missouri Farm Bureau, the U.S. Forest Service-Mark Twain National Forest (MTNF), and the Nature Conservancy (TNC). This group has endorsed the proposals and agreed to participate in implementation planning. Each agency has identified a representative to serve on a strategy development team.

This latter team is called the **Missouri Biodiversity Coordinating Committee**. Mr. Bill Alden (MTNF) and Mr. Gary Christoff (MDC) have been designated the co-chairs of this committee. The Coordinating Committee has met several times and has developed an advisory statement (to the Council) for implementation of the Biodiversity Report recommendations. The Coordinating Committee has received concurrence on the establishment of eight working groups and liaison with three established working groups.

The eight groups, and individual liaison, are designated as follows: (1) Presettlement Vegetation Assessment, Doug Ladd-TNC; (2) Coordinated Statewide Ecological Classification System, Paul Nelson-DNR; (3) Coordinated Geographic Information System, Bill Alden-MTNF; (4) Coordinate Research Initiatives for Defining Ecosystem Composition and Structure, Dave Foster-NPS; (5) Genetic Biodiversity Maintenance, Dewayne Knott-EPA; (6) Coordinate Sensitive Species Research, Assessment, and Monitoring Initiatives, Jerry Brabander-USF&WS; (7) Coordinate Initiatives to address Landscape Ecosystem Diversity within Ecoregion Planning Context, Gary Christoff-MDC; and (8) Coordinate the Focus and Delivery of Agency Extension and Education Programs, Dick Lenning-CoE. Further coordination with three existing active groups was assigned as follows: Interagency Committee on Neotropical Birds - Jerry Brabander-USF&WS;

Interagency/Interstate Committee for Ozark Man in the Biosphere - Dave Foster-NPS; and Conservation Federation of Missouri's Environmental Education Task Force - Jerry Brabander-USF&WS. The development of an initial objective of each of the eight groups has been documented and at the last meeting of the Committee, names of experts and professionals were assigned to form the staffing of each group.

It seems clear that the effort to conserve Biodiversity is the only path to begin minimizing the disaster of extinction of unknown and untold numbers of species caused by the activities of *Homo sapiens*. The success of a Biodiversity conservation program should evolve to make the need for the Endangered Species Act less frequent than is now the case. In the July 1991 - June 1992 Missouri Department of Conservation Annual Nongame and Endangered Species Report for example, there are 50 birds, 396 flowering plants, and 56 insects whose status listings range from Endangered to Watch List to Extirpated. And that is just the ones we know about! Occasionally after a listing is made information is uncovered which allows delisting, but usually listing a plant or animal has much more ominous consequences. Clearly there is much to be done.

As the reader may have observed by now a lot of effort has gone into this program. The objective of implementing a major program requiring the coordination of action of a large number of federal and state land management agencies, each with their own plethora of governing statutes, regulations and rules, is and will be an enormous undertaking. It will undoubtedly take a lot of persistence and perseverance on the part of all involved state and federal land management personnel. This is where our members and the public can play a key role. We can provide what may be an essential element to the process, i.e., grassroots support of the public. I recommend that every interested member obtain a copy of the Biodiversity Report, become familiar with it and communicate your concerns and support to one of the individuals noted above.

*The report, released in March 1992, was the result of a cooperative initiative between the Missouri Department of Conservation and the Mark Twain National Forest. It was authored by six of the most highly qualified and respected bio-science professionals one is likely to encounter in the same report for some time to come. They are: Tim Nigh, Natural Communities Ecologist, MDC; Dr. William Pflieger, Ichthyologist, MDC; Dr. Paul Redfeam, Jr., Professor Emeritus, Department of Biology, Southwest Missouri State University; Walter Schroeder, Ass't. Professor, Department of Geography, University of Missouri; Dr. Alan Templeton, Professor of Biology and Genetics, Department of Biology, Washington University (St. Louis); and Dr. Frank Thompson III, Research Wildlife Biologist, U.S. Forest Service, North Central Experiment Station, University of Missouri. Copies of the report may be obtained from MDC, P.O. Box 180, Jefferson City, MO, 65102-0180 or the MTNF/US Forest Service, 401 Fairgrounds Road, Rolla, MO, 65401.

BOARD NOMINATIONS

by Louise Wienckowski

The MONPS Nominating Committee, consisting of Louise Wienckowski, (Chair); Penny Holtzmann and Linda Lathrop, has made its selections for the six Board positions which become available when terms end in June of this year. All four of the current officers' terms will expire as will two at-large Board positions.

The general membership is encouraged to submit additional nominations for any of the six positions as per instructions written in the By-laws, which are as follows: A nomination is made in writing to the Nominating Committee by one member with a written second by another member. The nomination must be accompanied by a written confirmation of willingness to serve by the nominee. Nominations will close March 31, 1993. If only one candidate has been nominated for an office by the closing date of the nominations, the Ballot Committee shall declare the candidate elected by acclamation, and that candidate shall not be placed on the ballot. If only one person is nominated for each of the offices to be filled, they shall all be declared elected by acclamation not later than May 20 and no ballot shall be prepared.

Send nominations to: Louise Wienckowski, 1423 N. Summit Ave., Springfield, MO 65802, (417) 869-8074.

NOMINEES:

President—2 year term. Dr. Stephen L. Timme, Pittsburg, KS

Steve (as most of us know him) is an Assistant Professor of Botany at Pittsburg State University in Pittsburg, Kansas. He is also the Director of the Theodore M. Sperry Herbarium at the University. Steve has traveled to South America several times to study bryophytes and rain forest ecology. His interest in plants is extensive as evidenced by the impressive list of articles he has written. Steve is currently a member of the MONPS board.

Vice President—2 year term. Jack Harris, St. Louis, MO

Jack has been co-chair of MONPS Environment/Education committee for three years. He has also been active on the St. Louis chapter Education Committee during this same period.

Secretary—2 year term. Ann Wakeman, Fulton MO

Ann has been very active with the Jefferson City chapter, serving as President, Vice President and Secretary at various times. She is a MONPS board member at this time. At her home Ann is restoring 8 acres of land to native grasses and forbs and developing a wildflower nursery. She is working with the Department of Conservation on land-scaping of the new Runge Nature Center in Jefferson City.

Treasurer—2 year term. Jody Eberly, Mountain View, MO

Jody is a wildlife biologist with the U.S. Forest Service in Winona. On the job, Jody tries to make sure that native species are utilized in their proper places instead of exotic species. She is active in the Ozark Showy chapter and has been a MONPS board member in the recent past.

Board Member—3 year term. Richard Datema, Springfield, MO

Richard is a junior Horticulture student at Southwest Missouri State University. His interest in plants began in

the third grade. Richard has been involved in the Springfield Chapter of MONPS since summer of 1992. Richard credits his curiosity about native plants as being inspired by an instructor at SMS, our own Linda Lathrop, Springfield Chapter Representative.

Board Member—3 year term. Larry Morrison, O'Fallon, IL

Larry became interested in plants as an outgrowth of his photography hobby. Living in the Blue Ridge Mountains of Virginia enhanced this interest. Larry has taken over 5,000 slides of botanical specimens since 1975. He is the only non-Missouri charter member of the St. Louis chapter and is currently serving as Chapter Representative to the board.

ARTICLES OF INTEREST

Thanks to Nels Holmberg for furnishing two Wall Street Journal articles and one article with an unknown source.

WSJ, June 18, 1992—SALUTE THE JIMSON! THE NOXIOUS WEED COULD BE A BOON

The Department of Energy has discovered that the jimson weed [note: picture in article closely resembles Steyermark's (*Datura stramonium*)] can digest plutonium and other toxic materials in radioactive waste, so the plant may have some value. However, DOE will need to battle with the Department of Agriculture who not only has declared the plant a noxious weed with zero tolerance in feed grains due to its poisonous and hallucinogenic properties, but is also looking for new ways to kill it.

WSJ, June 18, 1992—MARKET SPROUTS FOR THE SEEDS OF NATIVE PLANTS

This article discusses at some length the increased demand, especially in the western states, for native plant seeds. The need is apparently fueled by the growing number of state and federal laws requiring sites for mines, pipelines and other construction projects to be re-vegetated with native plants.

STOP THE TORTURE OF INNOCENT PLANTS!

A manifesto is given from an organization called "Plant Liberation Front," apparently dedicated to alleviating plant suffering. Some of their goals are: ending all experiments on plants, stopping all lawn mowing and tree trimming, ending cruelty to food plants by killing humanely and no peeling, slicing, or eating live plants, like in salad bars. However, no definition is given of "live" or "dead" plants, so presumably collecting a dried plant in winter might be acceptable to the group. The article ends with the phrase, "If you love plants, don't eat them."

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. See articles in January-February 1993 issue of the *Petal Pusher*.

BOARD MEETING HIGHLIGHTS SEPTEMBER 13, 1992

President Karen Haller and 17 board members met at Burr Oak Woods Nature Center.

Treasurer's report indicated a balance of \$9470.49.

Committee Reports

Archives: Jim Bogler discussed MONPS archives.

Newsletter: Kay Yatskievych has resigned as editor of the *Petal Pusher*. She was thanked for the excellent job done. Search is on for new editor.

Environment/Education: Report by Jack Harris. Tim Smith is working on legislation about plant digging. The status of native plant landscaping at A. L. Gustin golf course at UMC was given.

Membership: Pat Grace said current membership is 401.

Publicity: Nels Holmberg reviewed attempts to arrange post office wildflower plantings to coincide with the Wildflower stamp issue. Ann Wakeman planted a wildflower plot at the Fulton Post Office. (The local newspaper gave it a full page spread.) Merv Wallace did a planting at a Jefferson City Post Office.

Old Business

Linda Ellis suggested we begin the planning and publicity early for the September 24–26, 1993 ENPA meeting which will be hosted by MONPS in St. Louis.

Linda Lathrop stated that the Springfield Chapter has pin-on picture buttons for sale @ \$1.50 for a color plant photo or \$1.00 for the MONPS logo; a custom photo can also be used, if provided. The buttons are being used as a fund-raiser for the Springfield Chapter and she suggested other chapters may wish to do same.

Karen Haller reported that the Naturescaping Symposium was very successful. MONPS was one of 14 sponsoring groups.

Many thanks were given to Linda Ellis for planning this meeting with the Kansas Wildflower Society. Over 85 people attended the sessions on Saturday.

BOARD MEETING HIGHLIGHTS DECEMBER 4, 1992

President Karen Haller and 17 board members met at MDC Fish & Wildlife Research Center, Columbia.

Treasurer Rad Widmer indicated a current balance of \$9363.14.

Committee Reports

Archives: Jim Bogler distributed a handout detailing the type information he would like to receive as Archivist, for inclusion in MONPS archives. We are fortunate in having the archives placed at Missouri Botanical Garden where a professional archivist sorts and indexes all material every few years. Jim asked chapters to put the archives on all mailing lists. He requested a standard permanent solicitation be placed in *Missouriensis* requesting information be sent to the archives. George Yatskievych suggested a similar annual announcement be placed in the *Petal Pusher*.

Editorial: Atlas – George Yatskievych discussed various methods of printing the *Atlas*. George also said that Wally Weber is currently updating plant names in the database to be consistent with *Catalogue of the Flora of Missouri*.

Journal – Karen Haller reported that Paul Redfearn wishes to retire as editor of *Missouriensis*. George Yatskievych volunteered and was confirmed as editor.

Newsletter – Pat Harris and Carl Darigo, both from the St. Louis Chapter, were confirmed as co-editors of the *Petal Pusher*.

Environment/Education: Report by Jack Harris. Suggested someone from MONPS follow the effort of environmental groups to obtain workplace giving in Missouri; a volunteer will be requested through the newsletter. Draft for a Native Plant Week proclamation for June 5–11, 1993, (also MONPS' 15th anniversary) was distributed. Status of plant legislation efforts by Tim Smith. Biodiversity Task Force effort needs support from public organizations; Paul Redfearn and Tim Nigh have written an excellent chapter on plants in the Task Force's report. Upcoming events: 1) Prescribed Burning in Your Woodlands—12/10/92 and 2) Restoring Diversity, sponsored by the Center for Plant Conservation at Missouri Botanical Garden—4/20–22/93. MDC recently sponsored an exotic species workshop; the board agreed he should write MDC, expressing MONPS' appreciation for holding this workshop. Weed Ordinance—Pat Grace recommended a recent article in the *Natural Areas Journal* on native plants in urban yards. Dave Tylka wrote a model weed ordinance for St. Louis, which Pat will obtain and send to each chapter.

Field Trips: Karen Yates was appointed field trips chair.

Membership: Pat Grace said current membership is 435. More brochures are needed. Pat was appointed head of committee to revise the brochure as several changes are needed.

Old Business

George Yatskievych suggested that since the President, Treasurer, and editors of *Missouriensis* and *Petal Pusher* were currently in St. Louis, the mailbox and bulk mail permit be moved from Jefferson City to St. Louis. The motion was moved, seconded & carried. (msc)

Naturescaping: George discussed the 1993 Nature-scaping Symposium which will be held February 20 at the Powder Valley Nature Center, St. Louis County. St. Louis Chapter will have a booth.

1993 Board Meetings will be held April 17–18, June 19–20, Sept. 24–26 and Dec. 4. The Sept. meeting will be held jointly with Eastern Native Plant Alliance (ENPA) at Missouri Botanical Garden. Help is needed.

The February 1992 Goals and Projects Reports

Education – Sylvia Forbes: A *Why Native Plants* brochure is in progress. Suggestion was made to have newsletters available for handout at events. A trillium hand puppet is available for chapters to borrow. Betty Aulabaugh and Lynda Richards will check into possibilities of having a booth at the Forestry, Fisheries & Wildlife Conference, January 27–29.

Fund Raising – Daniel Rice: Suggestions were made concerning T-shirts, logos on coffee cups, pins, decals, notecards, postcards and sites such items could be sold.

Habitat Issues – Jack Harris: Items discussed were possibility of a hot line; requesting MDC input on projects in which MONPS could help (such as population counts or monitoring); publish information on any help needed by researchers; have a want list column in newsletter and do a thorough species plot map/write up of a specific county.

Horticulture – Ann Wakeman: Ideas discussed were coordinating “gardener alert” with ENPA; having seeds available at board meetings; having a central place for donation of seeds and printing a seed swap column in the *Petal Pusher*. The first seed swap will be tried at the June 1993 meeting.

Internal Structure – Jack Harris: Recommendations were that all chapters have similar dues structure and that the chapter designation be changed to divide the state into areas with every member located in a chapter; the board was in favor of both recommendations. Chapter representatives will present these ideas at local meetings and an article will be in the *Petal Pusher*.

Membership – Pat Harris: A publicity chair and committee to update the membership brochure have been established. A new member packet will be produced, including welcome letter, decal, list of sale items and extra membership brochure. Other suggestions: Get data on why members do/do not renew, have a membership drive, take out an ad in the Conservation Federation Bulletin, exchange newsletters with other organizations, invite MONPS members to the annual meeting and have more events in conjunction with other organizations.

Outreach – Sue Hollis: Main discussion was on plant legislation and interaction with other organizations. Tim Smith is already working on plant legislation. Kansas City and Springfield Chapters will pursue a request from KPL Gas for a possible joint project.

Research – Jim Bogler: Recommended 1) permanent plant list appeals be printed in the *Missouriensis* (msc) and 2) the archivist should be the person to receive the lists and be responsible for keeping same. \$120 for a 4-drawer file cabinet. (msc) The Missouri Botanical Garden was interested and would find a place for the file cabinet and perhaps even provide the cabinet. Suggestion was made to have Wally Weber print county plant checklists (each county) for this project. It was also suggested that more training workshops be held to upgrade botanical skills of MONPS members. A one-day training seminar will be held in March and details will be published in the *Petal Pusher*.

New Business

See Jan.–Feb. issue for committee appointments.

Jim Bogler recommended starting a wildflower patch program as done by the Kansas Wildflower Society. Cost would be about \$900. The St. Louis Chapter is already investigating the program and will present a sample brochure and patch design. (msc)

CHAPTER NEWS

Columbia—Merv Wallace led a field trip to obtain seeds for the golf course project, collecting within 30 miles of the area. A tour of New Franklin Horticulture Research Farm was made in September, a film shown in October and officers elected, and speaker Ray Rothenberger in November. A plant list is being prepared for Grindstone Nature Area.

Jefferson City—Jim Whitley gave a program on water plants and led a field trip. Paul Nelson spoke at the December dinner meeting held jointly with Audubon.

Kansas City—A field trip was taken to Squaw Creek and Loess Hills in September and Felicia Bart presented a slide show in November. The first edition of a Newsletter has just been published by new editor Sue Hollis.

Kirksville—The Chapter has been reactivated in collaboration with Audubon Society and a Newsletter is being planned.

New officers for 1993:

President: Donna Ford

Vice President: Carol Lockhart

Editor: Steve Carroll

Chapter Rep: Donna Ford

St. Louis—A field trip was made to Prairie Slough, recent meetings have featured Indian plants and culture, and the popular slide sharing program was held in October. The Education Committee is working on the brochure for the Wildflower Patch Program.

Springfield—Over 16 hours have been spent on maintenance of Springfield Nature Center’s native plant beds where they have planted almost 300 native plants. Fifty *Geocarpon minimum* will be planted there in March. A fund-raiser, selling picture buttons, was held during Great Outdoors Day, at the Northtown Mall. Recent meetings featured prairie insects, edible mushrooms and Nature’s Medicinals. Two walks have been held. There is a plant salvage going on in the Branson area.

New officers for 1993:

President: Nancy Barnum

Vice-President: Linda Lathrop

Secretary: Marita Burnett

Treasurer: Georgia Shaffer

Chapter Rep: Linda Lathrop

WILDFLOWER PATCH PROGRAM

The St. Louis Education Committee is working out the details of a new patch program that MONPS will be offering. Those familiar with Scout badge programs will recognize the approach: you can earn a distinctive patch by completing a certain number of exercises involving native plants. The program will be aimed at middle school age and up and will be suitable for both individuals and groups. This can be a useful outreach program for the young minds of our state. Linda Ellis is designing the patch. Preliminary details will be available at the April Board meeting.

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