



Missouri Native Plant Society

January

- 6** Tues., 7:00 PM
Jefferson City **Native Plants for Various Degrees of Shade** presented by MONPS member Ann Wakeman. A 'native' solution to a common problem for area gardeners. Meeting at Runge Conservation Nature Center.
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- 12** Mon., 7:00 PM
Columbia **Proposal for nature area** joining the MKT trail along Hinkson Creek. Meeting at the Midwest Science Center on New Haven Road.
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- 14** Wed., 7:30 PM
St. Louis **Wildflowers in Southwestern Colorado** presented by Dr. Larry Morrison, President, MONPS. WGNSS Botany Group meeting at Powder Valley Conservation Nature Center.
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- 21** Wed., 7:00 PM
Kansas City **Annual Planning Meeting** at the Loose Park Garden Center. We will elect new officers for 1998. We will also plan our meetings and field trip schedule for most of the year.
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- 28** Wed., 7:30
St. Louis **Enjoy Belize: Botany, Butterflies, Bonefishing & More**, presented by MONPS member Karen S. Haller. Meeting at the Missouri Botanical Garden, Ridgway Center.

February

- 3** Tues., 7:00 PM
Jefferson City **Native American Medicinal Use of Native Plants** presented by Janet Racen. A renewed interest in the historical use of America's plants. Meeting at Runge Nature Center.
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- 5** **Due date for material for March-April *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. Or send e-mail to: pharris@stlnet.com
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- 9** Mon., 7:00 PM
Columbia **Meeting.** Tentatively, Native Plant Propagation from Seed. Held at the Midwest Science Center on New Haven Road.
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- 9** Mon., 7:00 PM
Clinton **Meeting** at the Henry County Courthouse.
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- 18-20** Wed.-Fri.
Osage Beach **1998 Missouri Natural Resources Conference.** Theme: "Building Conservation Partnerships." On Friday, there will be a Missouri Natural Areas session. Held at Tan-Tar-A Resort on the Lake of the Ozarks. See article on page 2.
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- 25** Wed., 7:30 PM
St. Louis **Meeting** at the Missouri Botanical Garden, Ridgway Center.

Dues for 1998 Are Now Due

1998 MONPS Meeting & Field Trip Schedule

✓ **Mark your calendars now!** The quarterly MONPS Board meetings have been scheduled for 1998. Join your fellow native plant enthusiasts for some exciting field trips in these general areas.

- April 24–26 Columbia area. See the March-April issue of the *Petal Pusher* for details.
- June 19–21 Bethany, MO. Joint field trips with the Iowa Native Plant Society.
- Sept. 11–13 Kirksville area.
- December 5 Jefferson City. This is an all day business meeting. Plans will be made for 1999.

Nominations for MONPS Board Requested

We will be electing two board members in 1998. The board members whose terms are up on June 30th are: Ralph Lindgren and Bruce Schuette.

If you have a candidate you wish to nominate for either of these positions, please contact a member of the Nominating Committee by Jan. 31, 1998. Robin Kennedy, Columbia (Chair) (see back page); David Lindell, Clinton (816) 885-5556 (w); or Larry Mechlin, Columbia, (573) 445-6055.

1998 Missouri Natural Resources Conference / Mo Natural Areas

by Jack H. Harris

✓ MARK YOUR CALENDAR!!

The 1998 Missouri Natural Resources Conference will be held 18 - 20 February 1998 at the Tan-Tar-A Resort on the Lake of the Ozarks. (This conference was formerly called the Missouri Forest, Fish and Wildlife Conference.) On Friday, 20 February 1998, 8:00 AM - 12:30 PM a Missouri Natural Areas Session is scheduled to take place. This session includes eleven technical papers on the areas of scientific studies and management issues related to the Natural Areas of Missouri. For example there are five papers on prairies, two on insect distribution and response to seasonal burn events, one paper on the deer impact on native flora species, and one on the composition of understory vegetation in oak savannas, etc. Registration is required to attend the various functions over the three day conference. For more info: Mike Currier (573) 526-2990, or mcurrier@mail.state.mo.us

This annual event is attended by several hundred professional and academic stewards and students of Missouri's public and private natural resources (forest, fish, wildlife & other natural communities). Members interested in the "state of our national heritage" will find the proceedings of interest.

Nominations Sought for MONPS Awards

It is time again to honor those who have served above and beyond the call of duty by nominating these individuals for awards from the Missouri Native Plant Society. The Society bestows awards at its annual meeting in June, and may present up to five different awards:

The Erna R. Eisendrath Memorial Education Award, for excellence in teaching, writing or otherwise instilling an appreciation of Missouri's native flora;

The Arthur Christ Research Award, for a significant contribution toward furthering the knowledge of Missouri flora;

The Plant Stewardship Award, for an individual or organization for preservation of important elements of Missouri's flora through purchase, registry, and/or management practice;

The Julian A. Steyermark Award, for lifetime achievements in any aspect of Missouri botany;

The Service Award, to recognize individuals who have provided exceptional service to the Society.

Recipients need not be members of the Society.

The MONPS Award committee will consider those nominations received by April 15. Please send written nominations to Larry Morrison (see back page for address) setting forth the contributions of the individual or organization. Awards will be presented at the June Annual Meeting.

Meet the MONPS Board

Sue Hollis – Vice President

Sue is currently Vice President of the Kansas City Chapter and of the state Society. She is 53 years old. She grew up in Oregon County Missouri on the Eleven Point River in the Ozarks. Sue has lived in Kansas City since 1962. Sue graduated from UMKC with a BS in Biological Sciences. (It only took her from 1968 to 1994.) She works for the Social Security Administration and plans to retire in 3 years; then plans to do graduate work in Botany at Kansas University.

Tim Smith (1997–2000) Board Member

Tim was born, raised and educated in Mississippi. He came to Missouri in 1986 to work for the Missouri Department of Conservation. He has worked for the Dept. since that time as state lands inventory biologist, natural features inventory biologist, and currently botanist. Tim has enjoyed membership in the Mississippi and Missouri native plant societies. He has held MONPS offices of board member, field trip chairperson and nominations committee chairperson. Tim resides in Jefferson City with his wife Leah and two children. His hobbies include gardening and landscaping with native plants.

Editor's note: There will be more bio-sketches of Board Members in upcoming issues of the *Petal Pusher*.



Hawthorn Chapter's Book Shelf

Price	Title
Missouri Department of Conservation Publications	
\$6.00	Water Plants for Missouri Ponds
\$12.00	Missouri Conservation Department Atlas
\$4.00	Missouri Orchids
\$6.00	Missouri Wildflowers
\$2.00	Key to Missouri Trees in Winter
\$4.00	Wild Edibles of Missouri
\$3.00	Field Guide to Missouri Ferns
\$7.00	Shrubs and Woody Vines of Missouri (soft cover) – New
Books from Arkansas	
\$7.00	Wildflowers of Ozarks
\$8.00	Autumn Leaves/Winter Berries in Arkansas
\$14.00	Trees, Shrubs and Vines of Arkansas
\$16.00	Wildflowers of Arkansas
Books from other sources	
\$12.00	Peterson Guide – Wildflowers NE/NC North America
\$11.00	Stokes Guide to Enjoying Wildflowers
\$2.00	Winter Tree Finder
\$2.00	Winter Weed Finder
\$2.00	Flower Finder
\$2.00	Berry Finder
\$2.00	Fern Finder
\$2.00	Storey Guide – Starting Seeds Indoors
\$12.00	River Valley Companion & Nature Guide (guide for the Missouri River Trail State Park)
\$5.00	Brooklyn Botanic Garden—Gardening with Wildflowers & Native Plants
\$6.00	Going Native
\$16.00	Landscaping with Native Trees
\$15.00	How to Identify Flowering Plant Families
\$2.00	Prairie Wildflowers Coloring/Activity Book
\$15.00	Ferns—To Know & Grow
\$13.00	Plant Fibers for Paper Making
\$10.00	Wildflowers of Fields, Roadsides and Open Habitats of Illinois
\$13.00	North American Range Plants
\$20.00	Gardening with Native Wildflowers
\$10.00	Wild Seasons
\$19.00	Tall Grass Prairie Wildflowers
\$8.00	Catfish Ponds and Lily Pads
\$13.00	Growing & Propagating Wildflowers
\$3.00	How to Manage Small Prairie Fires

The Hawthorn Chapter will begin offering discounted books to MONPS members

Books are purchased by the Hawthorn Chapter for sale at events like Day with Wildlife, Earth Day, and Columbia's Heritage Festival. If you would like to purchase books from this list:

- Send a list of book titles with the quantity of each.
- Add \$3.00 for the first book and \$1.00 for each additional book to cover shipping costs.
- Include your name, address, phone number, and shipping destination.
- Enclose a check for the amount of the books plus the shipping.
- Make check out to: Hawthorn Chapter of MONPS.
- Do **not** send cash.
- Send your request to: Pam Haverland; 6901 Ginlet; Columbia, MO 65201

Notice—Some books may not currently be in stock, requests will be made from the Hawthorn Chapter's inventory (which is replenished about twice a year)—if there will be a delay in sending the book, you will be notified.



To Do:

Write Check Payable to MONPS

Please help your Society by paying your 1998 Society and Chapter dues as soon as your checkbook permits. Save us the expenses of reminding and soliciting your renewal. The dollars saved can be used to educate the public and promote the beneficial attributes of our native flora. We have made an extra effort to be sure that you receive the Society publica-

tions on schedule over the past several years so that you will be informed of events of interest to you. Your assistance is vital to the well being of our society! And Missouri native plants will appreciate your participation. Please send your dues to the MONPS Treasurer, Jack H. Harris, 9708 Green Park Road, St. Louis, MO 63123.

Quarterly Board Meeting Highlights December 6, 1997

President Larry Morrison, 17 board members and 2 guests met at the Mark Twain National Forest Headquarters in Rolla, MO.

Treasurer's Report: Jack Harris reported a balance of \$9,667.76. Current membership stands at 361 paid-up members.

Committee Reports

Teaming With Wildlife: It was moved, seconded and carried (MSC) to encourage MONPS members to write letters to Congress asking them to support passage of this bill.

Editorial/Missouriensis: George Yatskievych reported that the next issue of *Missouriensis* is in progress.

Petal Pusher: By consensus, the board concurred that printing shall be on recycled paper.

All officers, board members and chapter representatives were requested to submit a short biosketch for inclusion in future editions of the newsletter.

Old Business

Book Sales: The Hawthorn Chapter will assume operation of discount book sales to members. Ann Wakeman will be in charge of distribution.

Lapel Pins: The 302 pins are on hand. It was MSC to charge \$3.00 per pin. \$2.50 to accrue to the Society, and \$.50 to the Chapter for each pin sold. It was also MSC to present one pin to each Life Member.

The pin is 7/8" high, has a black background with the lettering & state outline in gold. The petals are dark yellow and the stem & leaves are green. Pins will be available at Chapter meetings or from your Chapter Representative.



Logo Copyright: Larry Morrison reported that the appropriate forms have been filled out and sent along with the required fee. The MONPS check has been cashed.

MONPS Home Page: Pat Harris reported that the contents of the existing MONPS home page has been made available for eventual installation at the University of Missouri at Columbia.

New Booth/Exhibit Equipment: Pam Haverland brought in the Hawthorn Chapter's display for board members to see. She also brought a commercial example of what is available for comparison. It was MSC to allocate up to \$750.00 on the purchase of commercial exhibit panels. Jack Harris & Pam Haverland were appointed as the action committee. It was MSC to have Marlene Miller & John Oliver develop an appropriate curriculum for the theme/message to be displayed on the new exhibit boards.

Purchase of Stationery: Pat Harris brought in the new stationery, printed on recycled paper, for distribution.

Fact Sheets #7 & #8: Pam Haverland presented draft copies of two new flyers – one on Butterfly Gardening and one on Landscaping with Native Shrubs. Comments were

requested by 10 January.

T-shirt/Bandanna Sales Status: Chapters were requested to advise the Society Treasurer, on a quarterly basis, what their T-shirt inventory is.

New Business

1998 meeting Schedule: See article on page 2.

Chapter Status: (1) Upon thorough discussion and debate, it was MSC that the Ozark Showy and the Kirksville Chapters should be dissolved and removed from the listings of active MONPS Chapters. (2) In accordance with MONPS policy, Frank Reynolds, Springfield, was appointed by President Morrison to perform a status review of the viability of the Springfield Chapter. A report and recommendations will be made to the board.

Organization & Development: It was MSC that it is the policy of MONPS to actively support new chapter establishment by providing seed money, not to exceed \$30.00 for qualified applicants.

MONPS Botany Development and Investment Campaign: It was MSC to direct the Treasurer to invest \$4,000.00 in a 12 month CD.

Committee Appointments: President Morrison solicited volunteers for the positions of Nomination, Election and Ballot Committees. Sue Hollis was appointed to the Ballot Committee.

Other New Business: It was MSC to write a letter expressing MONPS support of the proposed expansion of the Big Muddy National Wildlife Refuge.

Welcome to New Members

We're happy to welcome these new members to the Missouri Native Plant Society. We hope you will join us soon at some of our upcoming meetings and field trips.

Linda Hickman, Williamsburg
Edward Hickman, Williamsburg
Anna Hollis, Alton
Elisabeth A. Hooper, Kirksville
Mike Leahy, Columbia
Anne Miller, Kirkwood
Sarah Myers, Columbia
Dennis Obrien, Columbia
Larry Rizzo, Raytown
Marsha R. Sanford, Pittsburg, KS
William L. Walley, Jennings



New Web Site Address

The MONPS web site is being transferred to the University of Missouri – Columbia starting in January 1998. The new URL will be: www.missouri.edu/~umo_herb/MONPS

BYLAWS OF THE MISSOURI NATIVE PLANT SOCIETY

(Revised, December 1995)



ARTICLE I – Name and Purpose

Section 1. The name of this society shall be the Missouri Native Plant Society (hereinafter referred to as “the Society”).

Section 2. The purpose of the 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.

ARTICLE II – Membership

Section 1. Membership in the Society shall be open to all persons interested in the purposes of the Society upon application to the Treasurer, accompanied by remittance for dues as hereinafter provided. Membership classification shall be set as needed by the Board of Directors.

Section 2. Each member shall be entitled to one (1) vote on any question requiring a vote of the membership of the Society.

ARTICLE III – Meetings

Section 1. An annual meeting of the Society shall be held in June of each year at a date and place determined by the Board of Directors and announced to the membership at least ten (10) days before the meeting. The annual meeting shall be open to all the membership at no cost or other obligation. The objective of the annual meeting shall be to summarize the significant past year’s activities of the Chapters and Society, express appreciation for the efforts of members and others to further the goals of the Society, and to surmise possible options available in the future of the Society.

Section 2. Special meetings of the membership may be called at any time by the Board of Directors. All members shall be notified not less than two (2) weeks before such meetings.

ARTICLE IV – Dues & Membership Lists

Section 1. Dues shall be fixed and revised as needed by the Board of Directors.

Section 2. All membership dues, whether collected by Chapter or Society Officers or by members at membership campaigns, shall be deposited directly with the Treasurer, who shall insure that the appropriate Society and Chapter membership lists are properly maintained and that Chapter dues are distributed to Chapter treasurers as appropriate in a timely manner. No other member or person shall be authorized to collect and deposit dues in any other account or modify the membership lists without the express direction of the Treasurer or Board of Directors.

ARTICLE V – Officers

Section 1. The officers shall be a President, Vice-President, Secretary, and Treasurer who shall be elected for a term of two (2) years. Officers shall serve without compensation.

Section 2. The President shall preside at meetings of the membership and of the Board of Directors, and shall perform the recognized functions of the office.

Section 3. The Vice-President shall preside in the absence of the President, shall be responsible for Board of Directors and annual meeting programs and shall give notification of such meetings to the general membership, and shall perform other recognized functions of the office. The Vice-President shall become President if the office of President becomes vacant.

Section 4. The Secretary shall keep the minutes of all meetings of the Society and the Board of Directors. The Secretary shall prepare such directives and other documents as are needed and authorized by the Board of Directors, shall provide a copy of the Society Bylaws to each new Director, and shall perform other recognized functions of the office.

Section 5. The Treasurer shall: keep and maintain accurate accounts of the financial transactions of the Society, including accounts of its assets, liabilities, receipts and disbursements; deposit all money and other valuables in the name and to the credit of the Society with such depositories designated by the Board of Directors; render to the President and Board of Directors, whenever they request, an account of all financial transactions and the financial condition of the Society; insure that an annual summary of the past year’s financial transactions and current status is provided to the Board of Directors at the last Board meeting of the fiscal year and to any incoming President and Treasurer; prepare and file all necessary financial reports required by federal and state agencies after review of such reports by the President or designated reviewer; insure that accuracy and currency of the membership list is maintained at all times and reflects the paid up dues condition (including complimentary and honorary designations) on an annual basis and shall make this information available on request for Chapters, Society publications, and other purposes as requested by the Board of Directors; have such other powers and perform such other duties as may be prescribed by the Board of Directors or the Bylaws.

Section 6. The Immediate Past President shall be an honorary officer but shall not vote as an officer or Director.

Section 7. Each officer shall, upon the expiration of his or her term, or the termination of his or her duties for any other reason, deliver to his or her successor the records of the office.

Section 8. Except for the duty of presiding at meetings, each officer shall do or cause to be done his or her duties.

Section 9. A vacancy, other than one caused by expiration of a term, in the office of Vice-President, Secretary, or Treasurer shall be filled by a vote at the next Board meeting. A new officer thus elected shall complete the term of office of the Director whom he or she replaces.

ARTICLE VI – Governing Body

Section 1. All official business of the Society shall be conducted by the Board of Directors of the Society (hereinafter referred to as “the Board”). Only members of the Society shall be eligible for Board membership.

Section 2. The Board shall consist of the elected officers of the Society, the chairpersons of such standing committees as may be appointed by the President with the approval of the Board, chapter representatives, six (6) Directors elected by the general membership, and the editors of *Missouriensis* and *Petal Pusher*.

Section 3. Chairpersons of standing committees shall serve for the term of the appointing President. Chapter representatives shall serve for one (1) year. Two (2) of the six (6) elected Directors shall be elected each year and shall serve three (3) year terms.

Section 4. Each Director shall have one (1) vote and shall serve without compensation.

Section 5. After a Director other than a chapter representative is absent for three (3) consecutive meetings, the Board may declare the office vacant.

Section 6. Any Director may be removed from office by resignation, death, or incapacity. Resignations shall be effective with the date of receipt of notice delivered to an officer or at any later time specified, and need not be accepted by the Board to be effective.

Section 7. A vacancy on the Board other than one created by loss of an officer or chapter representative or by expiration of his or her term shall be filled by a vote at a Board meeting. A new Director thus elected shall complete the term of office of the Director whom he or she replaces.

Section 8. There shall be four (4) regularly scheduled Board meetings per year. One (1) of these Board meetings shall be held in the same seven (7) day period as the annual membership meeting. If a quorum is not present at a Board meeting, the Directors present may adjourn the meeting but it will count as one (1) of the four (4) regularly scheduled Board meetings for that year.

Section 9. Additional meetings may be called by the President, or in his or her absence or inability, by the Vice-President. In the event of the refusal of the President to act, a special meeting may be called by five (5) Directors. All Directors shall be notified in writing not less than ten (10) days before such meeting of the date, time, and place of the meeting.

Section 10. The presence of forty percent (40%) of the Directors at a Board meeting shall constitute a quorum for the transaction of business. Every act or decision by a majority of the Directors present at a Board meeting duly held, at which a quorum is present, shall be regarded as a valid act of the Board except as provided elsewhere in the Bylaws of the Society.

ARTICLE VII – Elections

Section 1. Not later than December 31 each year, a nominating committee consisting of a chairperson and two (2) or more members of whom only one (1) is a Director shall be appointed by the President with the approval of the Board. The President shall instruct the nominating committee in the performance of its duties.

Section 2. Not later than February 28 each year, the nominating committee shall nominate one (1) or more candidates other than themselves for each office and elective Board seat to be filled, and shall notify the membership in writing, either by publication in the *Petal Pusher* or by separate mailing, of the names of the nominating committee, the offices to be filled, the names of the nominees, and the closing date for nominations. In the same mailing, instructions for nominations from the membership and a mailing address for the nominating committee shall be provided. The closing date for nominations shall not be less than twenty (20) days from the date of the mailing.

Section 3. Additional nominations may be made by the membership by a written nomination from one member and a written second by another member. Each nomination must be accompanied by a written confirmation of willingness to serve by the nominee.

Section 4. Not later than March 31 each year, a ballot committee consisting of a chairperson and two (2) or more members of which no more than one (1) is a Director shall be appointed by the President with the approval of the Board. The President shall instruct the ballot committee in the performance of its duties.

Section 5. Within five (5) days of the close of nominations, the nominating committee shall provide to the ballot committee the names of all the candidates and the office for which each is nominated.

Section 6. If only one (1) candidate has been nominated for an office by the closing date of the nominations, the ballot committee shall declare that candidate elected by acclamation, and that candidate shall not be placed on the ballot.

If only one (1) 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.

Section 7. Not later than April 30 each year, if there are any offices not elected by acclamation, the ballot committee shall cause a ballot to be mailed to the membership, either by publication in *Petal Pusher* or by separate mailing. The ballot shall contain the names of the offices to be filled, the names of all the candidates for each office, the address to which ballots are to be mailed, and the closing date, not less than twenty (20) days from the date of the mailing, of the election.

Section 8. Ballots shall be counted by the ballot committee. A plurality of votes cast for an office shall constitute election to the office. No votes for write-in candidates shall be accepted.

Section 9. The ballot committee shall report to the President the names of those elected not later than ten (10) days before the annual meeting.

Section 10. In case of a tie vote, the Board shall decide by vote or by chance, such as flipping a coin, at the next Board meeting.

Section 11. Newly elected officers and other Directors shall take office at the conclusion of the annual meeting or the Board meeting held in the same seven (7) day period as the annual meeting, whichever is later but before adjournment of that meeting. The newly constituted Board will conduct whatever business is necessary for continuation of Board and Society business.

ARTICLE VIII – Publications

Section 1. The official publications of the Society are *Missouriensis* and *Petal Pusher*. *Missouriensis* shall be a journal to report botanical information and other material as directed by the Board. *Petal Pusher* shall be a newsletter for the publishing of information of meetings, activities and elections in a timely manner, and other material as directed by the Board.

Section 2. Both publications shall be published at times directed by the Board.

ARTICLE IX – Chapter and Affiliate Organizations

Section 1. A group of five (5) or more persons, members or nonmembers of the Society, may organize a chapter of the Society by a request to the Society Secretary and with approval of the Board. The request shall be accompanied by the payment of current dues for each nonmember to the Society Treasurer.

Section 2. Members of each chapter shall elect their own officers, consisting of at least a President, Vice-President, Secretary and Treasurer or Secretary/Treasurer. All election results shall be promptly reported to the Secretary of the Society.

Section 3. Each chapter shall annually designate a representative to the Board. The name of the designated representative shall be reported to the Secretary of the Society not less than five (5) days before the annual meeting. Each chapter shall report a chapter representative vacancy and any new chapter representative designee to the Secretary of the Society immediately.

Section 4. Chapter representatives may be represented by an alternate presenting a written statement to that effect from any officer of that chapter at the beginning of each Board meeting. Such an alternate shall have all the rights and privileges as the chapter representative would have had at that Board meeting.

Section 5. Chapter representatives and alternates may be chosen in any manner the chapter wishes but each must be a member in good standing of the Society and of the chapter.

Section 6. All members of a chapter must be members of the Society, and are entitled to all the privileges pertaining thereto.

Section 7. Local chapters may establish chapter dues in addition to Society dues.

Section 8. Chapter meetings shall be held not less than four (4) times annually, the time and place to be decided by the chapter officers.

Section 9. Chapters may adopt their own Bylaws, not inconsistent with those of the Society.

Section 10. Chapters that fail to send a Chapter representative or alternate to any three (3) consecutive Board meetings without specific notification and concurrence of the President shall be declared to be on a probationary status pending review by Society officers. The President shall notify the delinquent Chapter's president by mail of the Board determination and shall also appoint one Director to inquire into the situation as to whether or not the Chapter is active (i.e., has meetings, field trips or publishes a newsletter, etc.) The appointed Director shall report an assessment to the Board at the next quarterly meeting and, based upon the information available, the Board will vote upon a motion to declare the Chapter dissolved or to initiate appropriate remedial actions. The Board shall request that any records and assets of the dissolved Chapter be provided to the Board which will determine the disposition of such materials.

Section 11. An already organized club or society may be known officially as an affiliate of the Society upon payment of annual dues as set by the Board. One copy of *Missouriensis* and one of *Petal Pusher* shall be sent to the President of the affiliate organization. Neither affiliate organizations nor members of affiliate organizations may vote in any matter brought before the members of the Society unless they are also regular members of the Society.

Section 12. No chapter or affiliated society, nor any officer or member thereof, except with the approval of the Board, shall have power to act for the Society in any official manner, financially or otherwise. Chapters shall hold harmless the Society from any liability in connection with activities or functions of the chapters.

ARTICLE X – Fiscal Year

The fiscal year of the Society shall be July 1–June 30.

ARTICLE XI – FUND RAISING OPERATIONS

All Society fund raising operations and proceeds allocations shall be conducted in accordance with the guidelines adopted by the Board on 24 April 1995 entitled MONPS FUND RAISING GUIDELINES, as amended. (See September–October 1995 *Petal Pusher*.)

ARTICLE XII – AWARDS

Section 1. The Society shall bestow awards in recognition of contributions to various fields of botanical knowledge, cultural understanding and appreciation of natural values and certain other activities that may further the goals of the Society. Presentation of such awards shall be based solely on superior merit and not on periodic or calendar considerations. The awards normally shall be presented at the annual meeting, but may be bestowed at any other time as conditions may dictate and as approved by the Board.

Section 2. The President shall appoint an awards nominating committee who shall solicit candidates, screen nominees and make specific recommendations to the Board in time to obtain a final approval and prepare the awards for presentation at the annual meeting or other times as appropriate. The Board has sole authority to establish the title and purpose of each award and to approve each recipient; however, the Board may delegate approval of recipients to the awards nominating committee.

ARTICLE XIII – Amendments

These Bylaws may be amended by an affirmative vote of two-thirds (66.7%) of the Board of Directors.



Items of Interest to Botanists, et al:

BIG RIVER FLOOD PLAINS, SLOUGHS, BACKWATERS –

A threatened living space for many of our native floral and faunal communities.

The Missouri River once meandered 544 miles from Rulo, Nebraska to its mouth just north of St. Louis. It now courses less than 500 miles to the same point. Between 1879 and 1972, 50% of the original water surface area was lost and 98% of the land surface area of river islands was eliminated.¹ The channelizing and levee proliferation that produced this phenomenon was paid for by the US taxpayer and executed by the US Army Corps of Engineers. The '93 floods abruptly reversed various parameters of these trends and produced an opportunity to try to salvage some of Missouri's most threatened plant and animal natural communities. Hence the Big Muddy Wildlife Refuge was established in 1994 with authority to purchase 16,628 acres from willing sellers.

Towards A Further Remedy –

The US Fish & Wildlife Service (USF&WS) is now proposing to increase the authorized acreage of the Big Muddy Wildlife Refuge to 60,000 acres. The details of the proposal are contained in the *Draft Environmental Impact Statement (DEIS)* – size: 8.5" x 11" x ≈ 200 pp. Most readers may prefer to review the *DEIS–Summary* at 8.5" x 11" x 27 pp.

The public is invited to send comments on the proposal to Ms. Judy McClendon, EIS Project Manager, US Fish &

Wildlife Service, 24385 State Highway 51, Puxico, MO, 63960; or call 1-800-686-8339. Comments must be received by **7 January 1998**.

Ask the USF&WS to restore the threatened natural communities of our native flora and fauna.

¹ Changes in the Channel of the Lower Missouri River and Effects on the Fish & Wildlife, by John L. Funk & John W. Robinson. Aquatic Series No. 11; Missouri Department of Conservation, 1974.

MISSOURI DEPARTMENT OF CONSERVATION WILDLIFE DIVERSITY REPORT

July 1996 - June 1997, prepared by Dennis E. Figg and Carol Davit. Size: 8.5" x 11" x 76 pages. MDC's report on its many natural history activities (i.e., other than the education, hunting, fishing, and forestry functions). Report subject areas include: Restoration & Recovery, Research, Surveys, Monitoring, Wildlife Diversity Planning, Natural Areas, Natural Heritage Data Base, Rare & Endangered Species summary, etc. Those who wish to be informed about the status of the native flora and fauna of Missouri will find much of interest here. For MDC, the stewards of about 900 thousand acres of select public lands in the State, there is ample subject matter. Copy available by writing to Missouri Department of Conservation, Natural History Programs, PO Box 180, Jefferson City, MO, 65102-0180.

Chapter News

Hawthorn Chapter — New officers for 1998:

President—Joann Whitley
Vice-President—Larry Mechlin
Secretary—Chris Angelo
Treasurer—Cathy Seltsam
Chapter Representative—Pam Haverland

Meetings: In October, JC Bryant, Manager of the US Fish and Wildlife Service's Big Muddy National Fish and Wildlife Refuge updated the chapter on the status of the Refuge. JC showed a video on the Refuge designed to answer the public's questions about why the Big Muddy was created and how it is being established. A draft of an environmental impact statement for the Refuge is available for public review. Pam Haverland has a copy of the video, if a chapter is interested in borrowing it to review, contact her. (See back page for address.) It is about 15 minutes long. In November, Tim Smith, Botanist for the Missouri Department of Conservation, gave a great presentation on the use of native shrubs and understory trees in landscaping. (Tim's program provided the information for brochure #8.) Tim gave us the reasons to use natives and explained why they might be overlooked, then he led us through a variety of specimens and how they might fit into our backyards. John Weston finished the meeting with a series of slides on two private prairie restorations in the Columbia area. John covered the steps in restoring these areas from eliminating the existing vegetation to pulling the "weeds" during the first and second years.

Field trips: We went to the nature area joining the MKT trail in Columbia and to Three Creeks State Forest.

Projects: Heritage Festival — We had our exhibit at Columbia's Heritage Festival in September. Books and plants (raised by our members) were sold. And we gave out our brochures. It was very successful. Chapter members met in November to make cedar wreaths for the holiday season. We sold them both wholesale and retail. We've sold over 30 wreaths.

We are working with the City of Columbia's Parks and Recreation Department to design and plant a series of native plant areas in the nature area joining the MKT trail along Hinkson Creek. We have the opportunity to complement the native plant sign with plantings at the Forum entrance to the MKT trail.

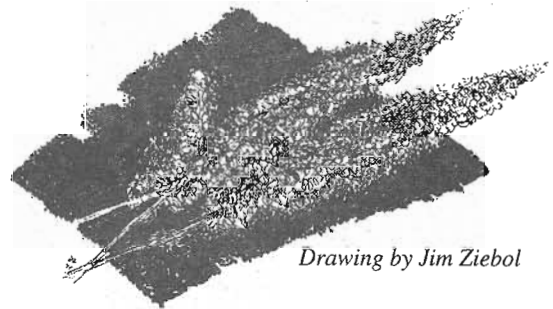
Kansas City — We've had two plant/seed exchanges this fall. The first was at our September meeting, and included a number of offerings from one of our master seed savers, George Scheil, and many plants from our top seed *starter*, Margaret Gunde. The second seed/plant exchange took place during our October field trip to Burr Oak Woods. This was much smaller in scope, as it was a spur of the moment idea. However, some good exchanges were made, and several will be conducted next year.

Dr. Norlan Henderson was the speaker at our November meeting. His topic was new records for the state of Missouri. He had with him many herbarium sheets that were of new

plants recorded in the state between 1960 and the present. Several of them are now found throughout the state, having spread from one spot in just a few years. It makes you stop and wonder about how many indigenous plants were replaced by these introductions.

Our next meeting will be 21 January 1998. The entire meeting will be given over to field trip scheduling and elections. If you are interested in attending either a meeting or field trip, please feel free to contact Daniel Rice at (816) 461-0206. Happy Holidays!

Osage Plains — Meetings: The October meeting was held at the Henry County Courthouse. Copies of MONPS brochures were distributed to all members present and the most recent *Wildflower* magazine of Canada is being passed around for all to enjoy. It was reported that we have \$45.00 in our treasury. A vote was taken regarding interest in MONPS note cards and only 2 showed an interest at this time. After the business meeting a exceptional slide presentation with music was shared by Walter Moser. It concluded with glorious local fall color. Mr. Moser has an interest in wild flowers and is an amateur photographer. He talked to us about some of the films, cameras, lenses, and techniques that he uses. He also gave each of us a copy of "the equation of time" diagram and taught us how to use it to plan photography sessions. The November meeting included a very productive brainstorming session with ideas for programs this winter. The Chapter Rep was asked to invite MONPS to our area in June of 1998 if they would be interested. C.F. Eaglesfield presented a wonderful slide show of some of the interesting plants and beautiful fields of wild flowers that were seen on field trips this past year. Using pressed plants, he also taught us some new things about plant identification. Orders were taken for books to be purchased at the December Board Meeting.



Pam Haverland Honored

Pamela S. Haverland of Columbia was one of eleven US Geological Survey employees to receive the USGS Public Service Recognition Award in Reston, VA on September 26, 1997. Pam is the Branch Chief for Landscape Analysis and Biometrics at the USGS's Environmental and Contaminants Research Center in Columbia. This award recognizes an individual for their ability, enthusiasm, and commitment which demonstrates that the Federal Service is an honorable career in which the public interests are met with concern and excellence.



BUTTERFLIES INVADE WEDDINGS

The November-December 1997 *Audubon* reports a trend in today's weddings to release butterflies instead of throwing rice. The fad has spawned a lucrative mail-order industry, with breeders selling thousands of chrysalises, some charging as much as \$129 per dozen. But many scientists and lepidopterists are objecting, fearing that moving butterflies from one region of the country to another, could lead to problems. The transplants, mostly monarchs and swallowtails, may be unable to survive in unfamiliar habitat, but those that do could become plant pests, compete with native species, or transmit pathogens to defenseless local populations. Interbreeding could alter genetics and possibly disrupt migratory behavior, dormancy and life cycle.

HONEYBEES MONITOR THE ENVIRONMENT

Thanks to *Audubon* again, for an item describing how honeybees are being tested to monitor the environment. Honeybees are like airborne dust mops, picking up residues from air, water, soil and plants, as the bees forage. At Aberdeen Proving Ground in Maryland, that trait is now being linked with highly sophisticated computers, with the aim of

finding a cost-effective way to screen habitats for pollution. Scientists have set up hives where within their scouting ranges of as large as a mile in diameter, bees collect traces of pollutants. Back in the hive, the insects fan the air with their wings to regulate temperature and in so doing, release the residues into the air. The high-tech hives are equipped to pump out air that is then analyzed by state-of-the-art instruments and the data computerized. Conventional tests for a polluted habitat can cost millions of dollars, but scientists estimate screening the same area via bee patrol would run no more than \$75,000 per year. The bees could also indicate where to focus more expensive techniques.

THISMIA AMERICANA

Illinois Native Plant Society's October 1997 *Harbinger* reports that the 6th annual hunt for *Thismia americana*, was again unsuccessful. This elusive "hands & knees" type plant was last seen south of Chicago in the early 1900s. However, the search was not completely in vain, as Field Museum bryologist Gary Merrill found several unusual mosses plus the hornwort, *Phaeoceros carolinianus*. Next year's *Thismia* search will also include bryophytes.

How Does a Bear Go Through the Woods?

by Jack H. Harris

Answer: It depends on the kind of woods that are available. Convinced it's a trick question with a trickier answer? Then try: Why should this question even occur in a newsletter about native plants and wildflowers? Because by definition the kind of native plants and wildflowers that exist define the plant community which in turn defines the kind of woods we want the bear to go through, etc., etc., etc.

And defining the desired plant community (at least to some degree) for about 1.5 million acres of Missouri will soon be up for public comment. The US Forest Service is beginning the process of revising and updating the Land Resource Management Plan for the Mark Twain National Forest which occurs mostly in the southern half of the State. The planning process provides opportunity for the interested public to participate in determining the contents of the final plan. The current Plan was adopted in 1986 and contains subjects such as Goals & Objectives for the Forest, how much of the area is dedicated to timber harvest, how much timber should be harvested – by what methods, how much to roadless areas, how much to wilderness, how much to be managed for wetlands, for glades, for special research areas, etc. Serious questions about a serious quantity of public lands for native plant aficionados.

MONPS members are urged to ask to be included on the mailing list and to submit their comments as the various proposals are developed and presented for review. Please

write to: Planning Team, Mark Twain National Forest, 401 Fairgrounds Road, Rolla, MO, 65401, or call (573) 364-4621.

If you were the bear—what kind of woods would you prefer?



Letter to the Editor:

Now is the time for all Native Plant people to come to the aid of their Mark Twain National Forest. The Forest Service Headquarters in Rolla is beginning the process of revising the expired 'Forest Plan' and is inviting public comment. This is our opportunity to try to have more areas designated toward the protected side of the spectrum and off the potential clear-cutting and mining side.

Once the Forest Plan is completed it becomes very much a governing 'bible' for the Forest Service. Although it is of little consequence whether one can 'see the forest for the trees,' it should be remembered that many in the decision-making process have trouble seeing the biodiversity for the 'timber.' A concerned public now has the opportunity to speak up for loss of habitat; loss of biodiversity; splintering and islandization of once continuous biotic communities. This is your opportunity to counter the voices of the timber and mining interests that will be speaking.

As Dr. Seuss's Lorax asks: "But who speaks for the trees?" I hope you will.

Only you can prevent fragmented forest ire!

David Schilling (314) 821-1781

Editor's Note: For Forest Service address see related article on left.

Teaming with Wildlife—A Natural Investment

On 6 December 1997 the Board of Directors adopted a resolution expressing support of the national initiative called "Teaming With Wildlife." The Missouri congressional delegation in Washington, DC needs to hear from their constituency that the people are in favor of a national program dedicated to stable funding of recreation, conservation, and education about non-game components of our native forest, fish, wildlife and natural heritage resources. This funding will be derived from a small tax on purchases of outdoor related equipment. (For more details call Niki Aberle, MDC Natural History Biologist at 573-751-4115; or Cheryl Riley, Conservation Federation of MO at 573-893-8100.) MONPS members may also call the Environment/Education Committee: Jack Harris (see back page) for more info. A sample/starter letter follows. Please revise/add your own opinions to personalize.

(Date)

Dear Senator Ashcroft / or Senator Bond,
Dear Congressman / Congresswoman [xxxxxxxxxxxxx],
Dear Governor Carnahan,

I frequently spend much of my recreation time engaged in nongame wildlife and outdoor related activities, both in the vicinity of my home and on public lands. In particular I enjoy wildflower walks, native plant study, butterflies and bird watching, and various other aspects of exploring our natural heritage in Missouri. For this reason I am interested in the success of the Teaming with Wildlife initiative. This plan will provide for stable funding sources via a small tax on equipment and products normally associated with these kinds of recreation programs.

Somewhat similar programs (both state and federal) in the hunting and fishing communities have proven to be of significant strategic value.

I urge you to vigorously support the Teaming with Wildlife program when it comes up for your consideration. Please advise me of your decision on this matter.

Sincerely,

[your name & address]

All MONPS members (and friends) are urged to write and ask their US Congressional Representatives and US Senators to actively support this proposed legislation. The envelope address for members of the House is: The Honorable [xxxxxxxxxxxxx], US House of Representatives, Washington, DC, 20515; and for the Senate: The Honorable John Ashcroft/or/The Honorable Christopher Bond, US Senate, Washington, DC, 20510.

House of Representatives

The Honorable William Clay (District 1)
The Honorable James M. Talent (District 2)
The Honorable Richard Gephardt (District 3)
The Honorable Ike Skelton (District 4)
The Honorable Karen McCarthy (District 5)
The Honorable Pat Danner (District 6)
The Honorable Roy Blunt (District 7)
The Honorable Jo Ann Emerson (District 8)
The Honorable Kenny Hulshof (District 9)

Senate

The Honorable Christopher Bond
The Honorable John Ashcroft

Governor

The Honorable Mel Carnahan
Governor of Missouri
State Capitol Building
Jefferson City, MO 65101

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
Osage Plains00
St. Louis \$5.00
Springfield00

Make check payable to: Missouri Native Plant Society
Mail to: Jack H. Harris, Treasurer
9708 Green Park Road, St. Louis, MO 63123-7133

Name _____
Street _____
City, State, Zip _____
Phone _____

(Circle all that apply)

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Board Members
- 1998 Quarterly Board Meeting Dates

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