



JANUARY - FEBRUARY 1996

VOL. 11, NO. 1

## MISSOURI NATIVE PLANT SOCIETY

### JANUARY

- 9** Tue., 7:00 PM  
Jefferson City  
**Missouri - The Prairie State?** presented by Doug Ladd of The Nature Conservancy. Doug will also do a book signing of his recent co-authored field guide, *Tallgrass Prairie Wildflowers*. Monthly meeting held at Runge Conservation Nature Center.
- .....
- 10** Wed., 7:30 PM  
St. Louis  
**The Flora Of Cuivre River State Park: Shaped by Fire and Ice** program presented by Bruce Schuette, Naturalist at Cuivre River State Park. WGNSS Botany Group Meeting, held at Powder Valley Conservation Nature Center.
- .....
- 13** Sat., 10:00 AM  
Jefferson City  
**Nature Walk** led by MONPS members at Runge Conservation Nature Center.
- .....
- 15** Mon., 7:00 PM  
Osage Plains  
**Wildflower and Grass Seeds** presented program by Sharp Brother Seed Company. Monthly meeting held at the Clinton Public Library.
- .....
- 17** Wed., 7:00 PM  
Kansas City  
**Kansas City Chapter Annual Business Meeting.** We will elect new officers and plan our field trips for the coming year. Bring slides, catalogs, new books etc., to share. For more information contact Eric Liskey (816) 822-8660.
- .....
- 24** Wed., 7:30 PM  
St. Louis  
**Monthly meeting** at the Missouri Botanical Garden, Ridgway Center. Program to be announced.
- .....
- 31-Feb 2** Wed.-Fri.  
Lake of the Ozarks  
**9th Annual Forest, Fish and Wildlife Conference. Theme:** Missouri's Long Term Research and Monitoring Projects. Held at Tan-Tar-A. Registration \$20.00 before Dec. 31. For more info contact MO FFW Conference Treasurer, MDC, 1510 S. US 71 Hwy, Neosho, MO 64850.

### FEBRUARY

- 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. (See back page.)
- .....
- 6** Tue., 7:00 PM  
Jefferson City  
**Back to Basics with Natural Plant Dye** presented by Carol Leigh Brack-Kaiser. She is the owner of Carol Leigh's Specialities that makes custom handwoven textiles and handspun yarns and Hillcreek Fiber Studio which offers workshops on spinning, weaving felting and dyeing. Monthly meeting held at Runge Conservation Nature Center.
- .....
- 10** Sat., 10:00 AM  
Jefferson City  
**Nature Walk** led by MONPS members at Runge Conservation Nature Center.

continued on next page

**DUES FOR 1996 ARE NOW DUE**

- 14 Wed., 7:30 PM St. Louis **Native Plant Restoration in St. Louis County Parks** presented by Dennis Hogan, St. Louis County Park Ranger. WGNSS Botany Group Meeting at Powder Valley Conservation Nature Center.
- 19 Mon., 7:00 PM Osage Plains **Native Missouri Trees** presented by Mike Huffman, forester for the Missouri Conservation Department. Monthly meeting held at the Clinton Public Library.
- 28 Wed., 7:30 PM St. Louis **A Tale of Two Species** presented by Jay Raveill, post doctorate student at UMSL. Monthly meeting at the Missouri Botanical Garden, Ridgway Center.

## Publications of Interest

### SPECIAL MEMBER SERVICE

The Missouri Native Plant Society (MONPS) is pleased to offer a special one-time discount on purchases of Julian Steyermark's 1963 book *Flora of Missouri*, Iowa State University Press, Ames, Iowa. 1xxxiii, 1725 pp. This issue of the book is a direct reprint of the 1963 edition by the publisher (see November-December edition of *Petal Pusher* for more details). The MONPS board of directors (at its meeting of 2 December 1995) approved this action for purposes of providing members an opportunity to purchase copies of this historic botanical document at a special discount. A limit of 2 copies per individual purchaser (under this service) was also approved by the board. MONPS has invested in a total of 50

copies of the book for this **one-time** service. When these 50 copies are sold members or friends may purchase additional copies through the normal MONPS book sales as periodically offered on these pages, or through other commercial outlets to the extent that supplies are available. Standard retail prices apply for such orders.

For your convenience use the form below. Members may place their order at any time but should not expect any response before availability of copies in January/February 1996. Checks must accompany each order.

[NOTE: While we have reason to believe that the prices listed on the form are firm, we must warn that prices are subject to change on orders placed this far in advance.]

## 1963 *Flora of Missouri* (Reprint)

by Julian Steyermark 1725 pp.

Name (please print) \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone ( \_\_\_\_\_ ) \_\_\_\_\_

Limit of 2 copies per person. Prices subject to change without notice.  
 Copies not expected to be available before January/February 1996.

Please send: 1963 *Flora of Missouri* reprint

- |   |                           |                          |         |
|---|---------------------------|--------------------------|---------|
| One copy at member price of .....       | \$31.00 + \$5.00 shipping | <input type="checkbox"/> | \$36.00 |
| Two copies at member price of .....     | \$31.00 + \$5.00 shipping | <input type="checkbox"/> | \$72.00 |
| One copy at non-member price of .....   | \$34.00 + \$5.00 shipping | <input type="checkbox"/> | \$39.00 |
| Two copies at non-member price of ..... | \$34.00 + \$5.00 shipping | <input type="checkbox"/> | \$78.00 |

Make checks payable to: T.M. Sperry Herbarium  
 Send order form to: Dr. Stephen L. Timme  
 T.M. Sperry Herbarium - Biology  
 Pittsburg State University  
 Pittsburg, KS 66762-7552



Delphinium tricorne from *Flora of Missouri*  
*Petal Pusher*

# Save Our State Parks & Soils and Water Conservation Programs

HELP REALLY, REALLY NEEDED!

by Jack H. Harris

In this issue of the *Petal Pusher*, subscribers will find one copy of a white, legal size form entitled **Initiative Petition** on the front side and **The Proposed Amendment** on the back side. Also enclosed is a bright yellow flyer with the heading of "An Instruction Guide to Petition Carriers for the 1/10 Cent Soils & Parks Sales Tax." Add a pen with black ink, and this is all the equipment and hardware you need to join in helping the citizens of Missouri continue funding our State Parks and Soils and Water conservation programs for an additional ten years.

The reference to the sales tax on the flyer is the same one that is now in effect – **there is no tax increase** involved!

The reason all this is necessary is because the current law contains what is called a "sunset clause." This clause states that the current law automatically expires after 10 years. This idea has certain virtues as well as some serious shortcomings. For one thing it periodically brings the issue before the public for their reconsideration. On the other hand there is no provision on what will happen to all

the good things derived from the program, e.g., the entire State Parks and Historic Sites system or the very successful soil erosion abatement and water conservation efforts after termination. One

thing that can be done is to continue these programs in essentially their current form if the public is satisfied with the results. And there is significant evidence that the public is indeed satisfied. This same issue was placed before the entire state electorate last in 1988 and it passed by the huge majority of better than two to one.

Meanwhile how do we get this issue before the voters for their judgment again? The State legislature could place it on the ballot if they were inclined to be concerned about the State Parks and Soil erosion. The State House of Representatives voted in favor of this approach, but the State Senate, through adherence to arcane protocol, dropped the issue. The one remaining mechanism is for the citizens to place the matter directly on the ballot through an initiative petition campaign. That is where we need the help of many hands.

Across the state we need approximately 180,000 signatures. Many organizations are hard at work right now but need much more help. We urge every member to review the enclosed forms and then join in collecting as many signatures

as possible. When you have as many signatures as you think you can collect, the form must be notarized and then mailed in to the address on the back of the **Initiative Petition Form**. Additional information on how to help can be obtained by calling the numbers on the back of the yellow flyer. More forms are available by calling the number on the yellow flyer.

Thanks for your assistance.

## Nominations Sought for MONPS Awards

President Larry Morrison has appointed an Awards Committee to receive nominations for 1996 from members of the Society for the four major awards, which are:

1. Erna R. Eisendrath Memorial Education Award. To be awarded to an individual who, through teaching, writing, or other form, has significantly conveyed to others an appreciation and knowledge of Missouri's native flora. This award may be presented annually if merited.
2. Arthur Christ Research Award. To be awarded to an individual who has made a significant contribution toward furthering the knowledge of Missouri flora. This award may be presented annually if merited for accomplishments made during the award year.
3. Plant Stewardship Award. To be awarded to an individual or organization for preservation of important elements of Missouri's flora through purchase, registry, and/or management practice. This award may be presented annually if merited.
4. Julian A. Steyermark Award. The Society's highest award to be presented to an individual who has made outstanding contributions to any or all aspects of Missouri botany. This award is to be given as merited for superior achievement.

Recipients need not be members of the Society.

The Committee will consider those nominations received by April 15. Committee members are Karen Haller (Chair), Jim Bogler and Larry Morrison. Please send nominations to Karen Haller, 618 Spring Meadows Dr., Ballwin, MO 63011, setting forth the contributions of the individual or organization. Awards will be presented at the June Annual Meeting.

## Nominations for MONPS Board Requested

We will be electing two board members in 1996. The board members whose terms are up in June are: Richard Datema and Larry Houf.

If you have a candidate you wish to nominate for either of these positions, please contact a member of the Nominating Committee. Ann Wakeman, (Chair) 5798 Windy Meadows Lane, Fulton, MO 65251, (314) 642-6927 or Nancy Brakhage (314) 449-1316.



**Don't Let This Happen!**

## 1996 MONPS Meetings

Mark your calendars now. The quarterly MONPS Board meetings have been scheduled for 1996. Join your fellow plant enthusiasts for some exciting field trips in these areas.

- April 27 & 28 Montauk State Park area. See the March-April issue of the *Petal Pusher* for details.
- June 1 & 2 Annual Board Meeting, Cape Girardeau area. This will be a joint meeting with the Illinois Native Plant Society. There will be field trips in Missouri and Illinois.
- Sept. 21 & 22 Clinton area. See the prairies in the fall.
- December 7 Columbia. This is an all day business meeting.

## Quarterly Board Meeting Highlights December 2, 1995

President Larry Morrison and 12 board members met at Runge Conservation Nature Center, in Jefferson City, MO.

Treasurer Jack Harris reported a balance of \$9,920.09.

### Committee Reports

**Archives:** Jim Bogler reported he has been getting field trip lists from the Webster Groves Nature Study Society.

**Environment/Education:** Jack Harris said the Parks & Soils Initiative Petition Campaign is in full progress. He was on radio KDHX in St. Louis speaking about this subject last week.

**Missouriensis:** George Yatskievych reported the 2nd issue of 1995 is about ready. It will probably be sent out in January.

**Petal Pusher:** Pat Harris stated the MONPS membership list would probably be published in the March-April issue.

### Old Business

**Bylaws:** Larry Morrison thanked Sue Hollis for a job well done on the revisions. Sue Hollis went over the revisions. They were amended and refined. It was moved, seconded and carried (MSC) to accept them as revised. See pages 5-8 for the revised bylaws.

**"Wear the Wildflowers" program:** A discussion was held on whether we should "soften" the requirements. A Committee was formed to look into this. The committee consists of Jim Bogler, Jack Harris and Pat Harris.

**Joint Meeting with Illinois:** Illinois Native Plant Society President Glen Kruse was present for the discussion on plans for the meeting June 1 & 2, 1996. The plans are for a Friday evening program, a field trip on Saturday in Illinois, a banquet and meetings on Saturday evening and a field trip on Sunday in Missouri.

**Systematics Symposium:** Jack Harris stated having a table at the Symposium is good exposure for MONPS.

**Eastern Native Plant Alliance:** John Oliver reported he has not been contacted by them yet.

**"Celebrating Wildflowers Week":** Lynda Richards reported there will be a brochure with events from all over the country. The contact person on this will be Larry Morrison.

### New Business

**Nominating Committee:** Two Board positions will be up in 1996. Ann Wakeman was appointed Chair.

**Awards Committee:** An Awards Committee was appointed. It consists of Karen Haller, Chair, Jim Bogler and Larry Morrison. It was MSC to report their recommendations to the Officers at the April Board Meeting.

**Reimbursement for Expenses:** It was MSC to reimburse members for reasonable expenses for official duties. Receipts will be required.

**Meeting Schedule for 1996:** April 27 & 28 - Montauk State Park; June 1&2 - Cape Girardeau; September 21 & 22 - Clinton; December 7 - Columbia.

**Purchase of Steyermark's *Flora of Missouri* reprints:** MONPS will be purchasing 50 copies of Steyermark for sale to members. It was MSC to sell them for 10% plus shipping above our cost to members and 20% plus shipping above our cost to non-members. It was MSC that there will be a limit of 2 books per person out of this 50. They will be available sometime in January or February 1996. See article and order form on page 2.

**Parks and Soils:** Jack Harris requested \$350.00 be donated to the Citizens Committee for State Parks to help with the campaign to renew the sales tax funding for state parks. It was MSC to do this.

## Welcome to New Members

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

David E. Bedan, Holts Summit  
Bowood Farms, Inc., Clarksville  
Georgia Native Plant Society, Atlanta, GA  
Alex Hodges, Clinton  
Lois Kinkade, Lohman  
Robert R. Kruschka, Rolling Meadow, IL  
Ronda Mahan, Jefferson City  
Allyn M. Mortimer, Rocheport  
Kraig Paradise, St. Louis  
Powell Gardens, Inc., Kingsville  
Denise Sausville, RSM, St. Louis  
Debra Spencer, Jefferson City  
Golda Trower, Jefferson City



# 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*.)

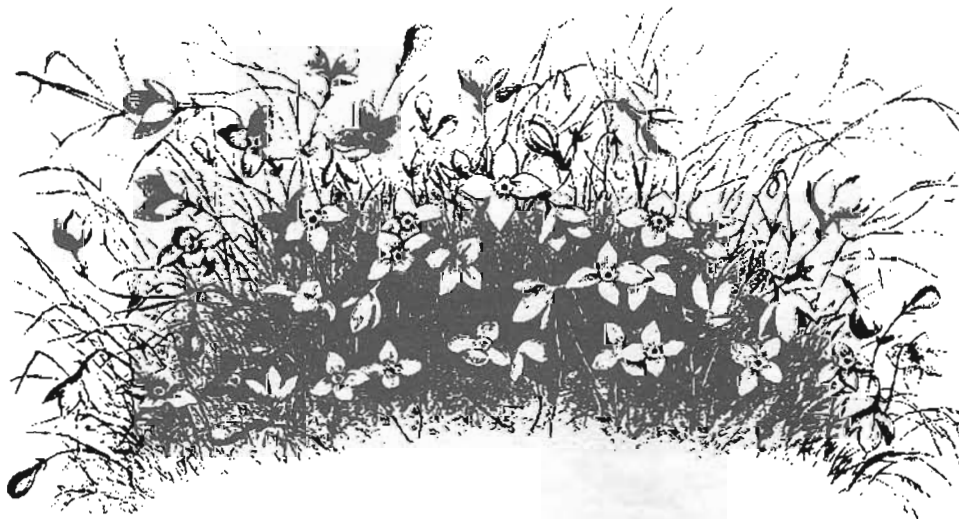
#### ARTICLE XII – AWARDS

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.





## Shaw Arboretum Seeks Hearty Volunteers for Glade Restoration

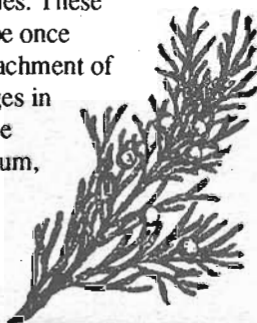
by James Trager

The staff of Shaw Arboretum invites all interested parties to take part in the ecological restoration of the Arboretum's overgrown dolomite glades (described below). The work is hands-on, heavy and dirty and will occur on weekends in any weather, but hot beverages and heated shelter will be provided and there will be scheduled breaks. Participants should bring a lunch and dress in layers. Volunteers will be personally involved in the healing of a sick habitat that is an important part of Missouri's heritage of biological diversity. Future reunions will be scheduled so that restorationist volunteers may return to observe the progress they started.

Glades are dry grasslands of the south and west-facing slopes of southern Missouri, southern Illinois, Tennessee and Arkansas. They have many plants in common with prairies but also many species found only in glades. These natural openings in the wooded landscape once occurred widely in the region, but encroachment of cedars and the resulting shade and changes in soil under the trees have caused extensive losses of glade habitat. At Shaw Arboretum, perhaps 10% of the open glade that once occurred there now remains. Ecologists have discovered that removing the cedars and introducing prescribed burning allows glades to regain their grassy-flowery richness in just a few years. The formerly overgrown habitats once again become suitable for grassland birds, butterflies, collared lizards and lichen grasshoppers, as well as stunning displays of spring wildflowers.

Work parties for the 1996 season are scheduled on the following dates from 9 AM to 4 PM. January 13, February 10, and March 9. (All dates are Saturdays.)

Please call James Trager at Shaw Arboretum to become involved in this important work at (314) 451-3512 or (314) 451-0850.



## Chapter News

**Hawthorn** — We have had a full schedule of monthly meetings and activities. September's speaker was Paul McKenzie of the U.S. Fish and Wildlife Service discussing grass identification. He gave us just enough field marks to whet our appetite for the workshop and field trip led later that month. October's speaker was Robin Kennedy from the University of Missouri discussing how to build our own herbarium, including learning how to press, mount and protect our plant specimens. November we watched a couple of the videos from the chapter's library.

One of our members, Pam Haverland is doing another round of cedar wreath making. She makes beautiful wreaths for the holidays which are very popular.

The chapter had booths at the Environmental Living Festival and Boone County's Heritage Festival. We sold potted plants, wreaths, books and videos and handed out membership brochures and our schedule. Many of these items are stocked in the little store in Rocheport during the holidays which some of our members help run.

**Jefferson City** — Dr. Paul McKenzie, US Fish & Wildlife Service, gave a grass identification lab on October 14th. He then led a field trip the next day to use our newly acquired skills at grass identification. At our November 7th meeting, Dennis Figg, Endangered Species Coordinator for the Missouri Department of Conservation, gave a talk on the status of the endangered species program and talked about some specific endangered plants, animals and communities in our state. At our wreath making workshop and potluck on November 11th, many beautiful wreaths and swags were made using native plants (and a few non-natives). Our December meeting was a joint Christmas Dinner and program with the River Bluffs Audubon Society. Our monthly wildflower walks at Runge Conservation Nature Center have been well attended. Welcome to all the new members that have joined our group in the past few months.

**Kansas City** — We had our more or less annual pot luck dinner in October at Martha Lafitte Thompson Nature Sanctuary and also hiked the trails there. Nothing is planned for November or December because of the holidays. We are planning to participate in the Flower, Lawn and Garden Show in February. Our annual planning meeting in January will be devoted to setting up a schedule for the coming year and electing new officers.

**Osage Plains** — We had meetings in October and November with 11 and 13 present. We elected Ruth Maynhart as secretary/treasurer to finish the unexpired term of Carole Rohloff who is no longer able to attend. Our meetings will be held on the 3rd Monday of the month starting in January at the Friends Room at the Clinton Library. We discussed some ideas for marketing and publicity to gain a broader membership and to let the community know of our existence. In October, we enjoyed another wonderful presentation of slides and education from C.F. Eaglesfield. We examined some plant material and were instructed on plant identification, after which, we enjoyed slides of plants seen on field trips this year. In November, we had a very interesting program on prairie wildflowers and grasses by Steve Clubine who is a grasslands biologist with the Missouri Department of Conservation. He showed slides from those that bloom earliest to those with the latest fall bloom. Refreshments were served by Marlene Miller at both meetings.

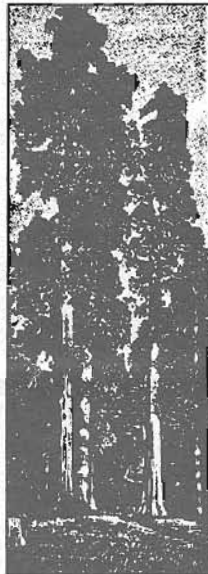
We would love to have you join us if you live anywhere around the Clinton, Mo. area. The Clinton Library is on the corner of Green and Second Street in Clinton. You need not be a member. Bring a friend and join us for an enjoyable time with others who enjoy our native plant heritage and are eager to learn and share.

### PHONY MUSTARD

*National Geographic's* September 1995 Geographica section mentioned the unusual mustard which produces pseudoflowers. The same plant had been highlighted several years ago in other publications. Spores of a wind borne fungus, called crucifer rust, invade the plant, resulting in elongated stems crowned by dense flower-like clusters of bright yellow leaves. The fake leaves are covered with a sticky, sweet substance that lures butterflies, bees and flies. The insects carry the fungus to other plants. Even experienced botanists have mistaken the impostors for real flowers.

### NEW SPORT THREATENS TREETOP ENVIRONMENT

An item in the September–October 1995 *Audubon* brought to light a new sport which threatens to harm the upper environment of centuries old Douglas firs, sequoias and redwoods. Sport climbers are using ropes, carabiners and boot spikes to reach tops of old growth trees, some of whose branches may not even start for 200 feet. Scientists are concerned that treetop habitat may be disrupted. Some of the giants host luxuriant communities of rare tree-dwelling lichens and foot-deep moss mats atop massive branches which take centuries to develop. These sites nourish complex webs of canopy-specific birds, mammals and insects. Rock-climbing pitons have been found driven into the trunk of the world's tallest tree in California's Redwood National Park. One climber admitted that lichens 'rained down' as he went up the tree and others use the giant moss mats as good spots to sit and admire the view. State and Federal land agencies are trying to nip the sport in the bud by banning tree-climbing, but such organizations as Oregon Climbing Tours and Tree Climbers International are lobbying to protect the sport.



### ARBORNAUTS

The November-December 1995 *Audubon* carried an interesting article concerning use of a construction crane by scientists, called "arbornauts," to study the upper forest canopy. The 285 foot tall crane, owned by the University of Washington and managed with help from the U.S. Forest Service, is the first such installation in North America and is currently located in southwestern Washington's Wind River Experimental Forest. Two other smaller cranes are located in forests in Panama and Venezuela. The crane's horizontal boom has a reach of 280 feet and can cover an arc encompassing 5.6 acres. Although expensive to install and operate, the crane gondola allows researchers to reach previously unattainable sites, such as ends of tree branches in the upper canopy and furthermore to return easily to the same locations when

needed. The crane is currently being used for a five year study of structure and function of an old growth forest canopy.

### NEW ALTERNATIVE FUEL

The Fall 1995 *Missouri Resources*, published by the Department of Natural Resources, carried an interesting article describing a variety of fuels being considered as alternatives to gasoline. As a possible ethanol source, the Tennessee Valley Authority's Southeastern Regional Biomass Energy Program reports that "on average, switchgrass (*Panicum virgatum*), pelletized as ethanol feedstock, contains the most cellulose and could have a tremendous impact on energy independence and economic development in rural areas and throughout the nation."

### ANOTHER USE FOR CANNABIS

The September 27 *Riverfront Times*, St. Louis weekly tabloid, chides the Department of Natural Resources for purchasing four 200 pound bales of hemp (aka marijuana) for display at the Battle of Lexington State Historic Site. Similar bales were reported to be used for cover by Missouri volunteers in the Civil War battle. Source of the purchase was not given. However, a reliable DNR source indicates that the bales are residual fibers and not the active material, but that the publicity for their historic site is appreciated.

### OXFORD'S BOTANICAL GARDEN

Tucked away inside the November 1995 *National Geographic* article on England's Oxford University, is a comment on the botanical garden. While at the garden, the author happened to ask another visitor for directions to a campus site and the answer was, "straight on to the *Tilia cordata* and left at the *Cornus alternifolia*."

Following item was summarized from a November 1995 *Scientific American* article supplied by Nels Holmberg:

### CONFLICT OVER WEED

*Chromolaena odorata* is a fast growing shrub in south-east Asia and tropical Africa, which pits small farmers against large plantation managers. The plant, which grows up to 15 ft. high, plagues coconut, oil palm and rubber plantations. If not suppressed, the plant not only can shade and prevent infant trees from growing, but also creates a wall of impassable undergrowth making harvesting mature trees almost impossible. The plant even has its own newsletter, devoted to efforts aimed at eradication. Recent research has found a parasitic moth which munches the *C. odorata* leaves, reducing growth dramatically. However, small farmers appear to like *Chromolaena* which restores soil of their fields, due to crowding out offensive weeds, such as *Imperata cylindrica*, an invasive grass that grows in the same regions. Apparently, on small farms much less time and effort is required to remove the *Chromolaena* than undesirable grasses. Research is concentrating on developing other crops that would be as effective at restoring the land and suppressing weeds, but would not threaten plantations.

## Reflection

by Marlene Miller

I don't know about you, but by the time winter arrives, I am ready for a little break from the labor intense spring and summer duties of gardening and lawn care. I have thoroughly enjoyed the field trips I have been privileged to take this year and the wonderful sights, sounds, and smells those have brought to my senses. Now, however, is a time to reflect and enjoy through memory: A time that allows me to digest what I saw and learned and make it a part of myself, which is, after all, the true meaning of education.

Since I do some craft and herbal things in the winter months, I have still been out in the fields and woods frequently gathering acorn caps, pine cones, blooming grasses, "buck brush" in fruit, staghorn sumac, and anything else that looks interesting. (There's a real absence of rose hips and bittersweet in our woods this year...related to the spring hail???)

It's been beautiful weather to be outdoors and wildlife have been enjoying it too. We have a small flock of 6 turkey that have been a source of surprise and joy. The squirrels have been busy. Many birds are still around and are finding the feeders once again. This morning a male and female cardinal were the grand masters of the feeder, but I've seen several smaller birds at other times. I was at some meetings at Tan-Tar-A the first part of November. While standing on the deck with a cup of tea early one morning, I watched a fox wander through the brush, lay down, than, suddenly, become alert, run a short distance, and catch a rabbit for his (or her) breakfast. Nature doing what it does best even in the middle of a large convention crowd, most of whom were still asleep!

Even though we no longer have flowers to view and identify, take a good long lazy look around you. Enjoy the trees, both the bark and their wonderful silhouettes on the skyline. Watch the grasses as they blow gracefully in the wind. Don't get so caught up with the nitty-gritty of individual plant specimens that you forget to enjoy the bigger picture. Most of all, don't let the rush and hectic pace of the holidays rob you of nature's joys.



## Letters

Dear Editor

Enjoyed the *Missourienses* article on zig-zag bladderwort (*Utricularia subulata*). I've photographed it (or tried to) in Michigan. It's fun (?) down in the mud.

Ralph Lindgren, Joplin, MO

## Dues Reminder

Please help your Society by paying your 1996 Society and Chapter dues as soon as your schedule 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 publications 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.



## Correction

In the November-December 1996 *Petal Pusher*, page 6, "Publications of Interest," credit for the text in the Missouri Department of Conservation brochures, *Native Grasses for Landscaping* and *Poison Ivy: How to identify and control* was omitted. Credit should have been given to MONPS member Ann Wakeman.

## Publications of Interest

Did you know that there are 424 flowering plants, and 58 insects on the September 1995 edition of the *Rare and Endangered Species Checklist of Missouri*? There are also various other kinds of critters on the list, such as birds, fish, mammals, etc. For your copy of the complete list, write to Endangered Species Coordinator, Missouri Department of Conservation, P.O. Box 180, Jefferson City, MO, 65102-0180.

## A MONPS First!

On 10 November 1995, MONPS was confirmed into the information superhighway. Credit for this historic happening may be ascribed to e-mail: [Botanicals@AOL.COM](mailto:Botanicals@AOL.COM). The critical event occurred when an inquiry about membership information via e-mail was received by the MONPS Treasurer. Previous electronic communications traffic had occurred between the immediate past president (Dr. Steve Timme and the treasurer) regarding a successful fund raising project, but this was the first incoming message from the outside world. It also should not go without note that Steve Timme was the MONPS Board of Directors member that recommended that e-mail addresses of all concurring officers should be listed in the Society newsletter *Petal Pusher*.

# MISSOURI NATIVE PLANT SOCIETY OFFICERS AND BOARD MEMBERS

## PRESIDENT

Larry Morrison  
110 Virginia Ave.  
O'Fallon, IL 62269-2446  
618-624-5964  
e-mail:  
Morrison@afc4a.safb.af.mil

## VICE-PRESIDENT

Jim Bogler  
7916 Col. Dent Dr.  
St. Louis, MO 63123  
314-842-0111

## SECRETARY

Wim Switzer  
13336 Fairfield Circle  
Chesterfield, MO 63017  
314-434-4337

## TREASURER

Jack Harris  
9708 Green Park Rd.  
St. Louis, MO 63123  
314-894-9021  
e-mail:  
jack\_h\_harris@oui.com

## IMMEDIATE PAST PRESIDENT

Stephen L. Timme  
T.M. Sperry Herbarium  
Dept. of Biology  
Pittsburg State Univ.  
Pittsburg, KS 66762  
316-235-4740 (w)  
e-mail: stl@pittstate.edu  
fax: (316) 235-4194

## BOARD MEMBERS

Richard Datema ('93-'96)  
Route 7, Box 411  
Springfield, MO 65802  
417-862-9727

Jody Eberly ('95-'98)  
Rt. 2, Box 2740  
Mtn. View, MO 65548  
417-934-2759

Larry Houf ('93-'96)  
Rt. 2, Box 2740  
Mtn. View, MO 65548  
417-934-2759

Lynda Richards ('94-'97)  
HCR 35, Box 263  
Rolla, MO 65401-8604  
314-341-7433 (w)

Bruce Schuette ('95-'98)  
Rt. 1, Box 223-C  
Troy, MO 63379  
314-528-7247 (w)

Tim Smith ('94-'97)  
1704 W. Main  
Jefferson City, MO 65109  
314-635-8085 (h)

## ARCHIVES

Jim Bogler  
(see officers)

## ENV. AND EDUC.

Jack H. Harris  
(see officers)

## FIELD TRIPS

Stephen L. Timme  
(see officers)

## MEMBERSHIP

Pat Grace  
30 N. Iola  
Webster Groves, MO 63119  
314-961-2511

## PUBLICITY

Nels Holmberg  
7672 Whiskey Creek Rd.  
Washington, MO 63090  
314-583-4551  
fax: (314) 362-4955

## EDITORIAL COMM.

David Castaner  
Sylvia Forbes  
Paul Redfean

## MO FLORA ATLAS, ED.

Wallace Weber  
Dept. of Biology  
Southwest MO State Univ.  
Springfield, MO 65804  
417-836-5883 (w)

## MISSOURIENSIS, CO-EDITORS

George Yatskievych  
MO Botanical Garden  
P.O. Box 299  
St. Louis, MO 63166  
314-577-9522 (w)  
e-mail: Yatskieg@mobot.org

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

PETAL PUSHER,  
CO-EDITORS  
Carl Darigo  
553 Mapleview  
University City, MO 63130  
314-863-7057

Pat Harris  
9708 Green Park Rd.  
St. Louis, MO 63123  
314-894-9021  
e-mail:  
jack\_h\_harris@oui.com

## CHAPTER REPRESENTATIVES

COLUMBIA  
Larry Mechlin  
Rt 5, 3600 Fredrick Ct  
Columbia, MO 65202  
314-445-6055

## JEFFERSON CITY

Ann Grotjan  
RR 2 Box 2894  
California, MO 65018  
314-796-4478

## KANSAS CITY

Sue Hollis  
3311 Gillham  
Kansas City, MO 64109  
816-561-9419

## KIRKSVILLE

(Vacant)

## OSAGE PLAINS

Marlene Miller  
949 NE Hwy C  
Calhoun, MO 65323  
816-694-3581  
fax: (816) 885-7756

## OZARK SHOWY

Jody Eberly  
(see board members)

## ST. LOUIS

John Oliver  
4861 Gatesbury Dr.  
St. Louis, MO 63128  
314-487-5924

## SPRINGFIELD

Richard Datema  
(see board members)

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(Chapter dues additional)

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Regular ..... \$9.00  
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Life ..... \$200.00

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### MAIL DUES TO: Jack H. Harris, Treasurer

9708 Green Park Road, St. Louis, MO 63123

Name \_\_\_\_\_  
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Please mail information on \_\_\_\_\_ Chapter

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

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