

Missouri Native Plant Society

July

- 11 Sat., 9:00 AM Clinton **Field Trip.** Meet at the Henry County Courthouse. Destination to be determined.
.....
- 11 Sat., 9:00 AM Jefferson City **Field Trip & Pot Luck Lunch** at Ed & Linda Hickman's place near Williamsburg. Meet at the airport commuter parking lot at 9:00 AM to carpool/caravan. Bring a dish to share. There is a pond for swimming if you wish, so bring your suit.
.....
- 13 Mon., 7:00 PM Columbia **Monthly Meeting.** Tentative topic: Dragonflies. Held at the Midwest Science Center, 4200 New Haven Rd.
.....
- 14 Tue., 4:45 PM Clinton **Field Trip.** Meet at the Henry County Courthouse. Destination to be determined.
.....
- 18 Sat., 9:00 AM St. Louis **Field Trip to Iron Mt. Lake & Bismark Lake** to see the Purple Fringeless Orchid, led by Pat Grace. Meet at So. St. Louis County Shopping Center near Dobbs Tire Center for car pooling. If staying for the **optional field trip** on Sunday, there is camping at Council Bluff Lake or stay at the Fort Davidson Motel in Ironton 573-546-7427.
.....
- 19 Sun., 9:30 AM St. Louis **Field Trip to Council Bluff Lake** in Iron County, led by Bill Summers. We will visit the fens near the headwaters of the Big River. Meet at the Council Bluff Lake Campground at 9:30 AM. From Hwy 32 drive north on DD to campground.
.....
- 22 Wed., 7:30 PM St. Louis **Monthly meeting** at the Missouri Botanical Garden, Ridgway Center. Program TBA.
.....
- 25 Sat., 9:00 AM Clinton **Field Trip.** Meet at the Henry County Courthouse. Destination to be determined.

August

- 1 **Due date for material for September–October *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
.....
- 4 Tue., 4:45 PM Clinton **Field Trip.** Meet at the Henry County Courthouse. Destination to be determined.
.....
- 10 Mon., 7:00 PM Columbia **Monthly Meeting.** Tentative topic: Forest Stewardship. Held at the Midwest Science Center, 4200 New Haven Rd.
.....

- 15** Sat., 9:00 AM
Clinton **Field Trip.** Meet at the Henry County Courthouse. Destination to be determined.
- 26** Wed., 7:30 PM
St. Louis **Monthly meeting** at the Missouri Botanical Garden, Ridgeway Center. Program TBA.
- 29** Sat., 9:00 AM
Clinton **Field Trip.** Meet at the Henry County Courthouse. Destination to be determined.

"Wear the Coneflowers" Badge Awarded

The Missouri Native Plant Society's latest "Wear the Coneflower" award of achievement was presented to Larry Morrison in April. In 1993, the Board of Directors of the Society established a wildflower badge program to encourage an appreciation and understanding of Missouri's native plants. Participants in the program earn a distinctive badge by completing a certain number of exercises involving native plants. This badge cannot be bought; it must be earned.

"Upon first reading the list of requirements," Morrison said, "they seem overwhelming; however, upon closer examination, they are not really that bad. There is a lot of choice among the requirements which allows you to choose ones you are particularly interested in, and each step is not that tough once you get into it. Besides," he concluded, "it's a great project for a couple of winter afternoons when you can't get outside anyway."

For a copy of the list of requirements, or for further information regarding the badge program, write to Jim Bogler, 7916 Col. Dent Dr., St. Louis, Missouri 63123, or to the Missouri Native Plant Society, P. O. Box 20073, St. Louis, Missouri 63144.



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.

Kathy Allen, Windsor
Lesa Beamer, Columbia
Les Cline, Kansas City
Eric Feutz, Columbia
Matt Gray, Columbia
Pat Johnson, St. Louis
Rick & Rita Lamonica, Crestwood
Ken Luhmann, Crestwood
Raymond Pfaff, Columbia
Yvonne A Rosen, St. Louis
Mike Soltys, Prairie Village, KS



Second Largest Missouri Prairie – Now Showing

by Jack H. Harris

We are delighted to read that The Nature Conservancy (TNC) has acquired 872 acres just east of El Dorado Springs that will link two other TNC holdings and thus create the second largest (2,150 TNC acres plus 518 adjacent MDC acres), protected, remnant prairie in the state. The recent purchase was from rancher Ted Thoreson. The two previously separated prairies were the Wa'Kon-Ta and the Mo-Ko. The aggregate area will carry the name Wa'Kon-Ta Prairie and be managed, under lease, by the Missouri Department of Conservation.

This now very rare habitat is home to such species as e.g., Mead's milkweed, the upland sandpiper, the scissor-tailed flycatcher, the prairie mole cricket, the prairie chicken, and the Regal fritillary. Today less than 1/3 of one percent of the original Missouri prairie exists.

(Marlene Miller, Osage Plains Chapter, provided a column from *The Clinton Daily Democrat* as source for this article.)

CPC Educational Publications

The following educational publications are available from the Center for Plant Conservation. For more information about these publications, please write to the Center for Plant Conservation, P.O. Box 299, St. Louis, MO 63166 or contact Robin Bruce at (314) 577-9450 or cpc@mobot.org.

Plants in Peril is an activity guide to exploring biodiversity and rare native plant conservation for middle school educators. The 24-page booklet includes background information, illustrations of rare native plants, and several activities to introduce middle school students to plant conservation issues in our country.

The Silversword is a four-page plant conservation newsletter for young audiences that is produced twice a year and distributed to Friends of CPC within the organizations' newsletter. The Fall 1997 premier issue is now available, and the Spring 1998 issue will be available in April.

Synchronizing Financial Accounting & Office Terms in MONPS

by Jack H. Harris, Treasurer

COMMENTS/IDEAS NEEDED FROM CHAPTERS, CHAPTER TREASURERS, AND MEMBERS

The By-laws of the MONPS provide for the election of a President, Vice-president, Secretary, and Treasurer every two years. These officers are to be installed at the annual meeting in June of each appropriate year. Thus the individuals who collectively assist in making board appointments, allocate resources, and decide policy now operate on a bi-annual June to June basis.

On the financial accounting side, the Internal Revenue Service automatically assumes that the accounting year of any organization is on a 12 month calendar (1 January – 31 December) year basis unless specific permission is granted to do otherwise. So our financial year is out of synch with our administrative year.

The MONPS Treasurer has raised this issue with the Board of Directors and suggested that it may be appropriate to change our financial year, i.e., (FY=fiscal year) to coincide with our administrative year. This would mean that the reporting and record keeping required for tax and tax exemption purposes would run from 1 July to 30 June, for example (assuming approval is granted by the IRS). It would also mean that budgets, resource allocations, and finance related programs implemented by any particular group of Society officers would be reflected in any formal records that would have to be reported to the state and federal agencies. Currently these reports are required to justify our status as a tax-exempt organization and to report our gross cash flow status. There are varying opinions as to the efficacy of such an action.

Such a decision must consider the impacts on the Chapters and the Chapter Treasurers. The Chapters are not required to adhere to any specific calendar for operational purposes and may have definite ideas, one way or the other, about such a change. However the Chapter Treasurers are required to periodically contribute financial summaries to the Society Treasurer. These are then aggregated into an overall Society financial report which is submitted to the federal IRS and to the state Department of Revenue.

I request that the officers and treasurer of each chapter please convey their comments and ideas on this matter to any member of the Society board, their Chapter representative to the board, or to the undersigned. I would expect that a final decision will be made at the Society board meeting in December of this year.

Thank you for your attention to this matter.

State Parks Plant Inventory Update Volunteers Needed

The MONPS has received an invitation from the State Parks Division of the Missouri Department of Natural Resources to assist them in performing an update inventory of state-listed plant species (see related article on page 7) that may occur in our state parks. They are particularly interested in individuals or groups, both experienced and avid amateurs, who would be able to visit certain parks/historic sites and confirm existing records or contribute to the data base by discovery of new occurrences.

More formally the objective would be to assist the Parks Division staff, independently or in concert, to: (1) Engage in quantitative natural resource inventories to document the occurrence of plant species of special concern; and (2) Update all records older than 10 years and confirm the status of undated records by the year 2000.

Volunteers would be expected to fill out prepared forms and review the status of old records. In limited circumstances, permission to collect voucher specimens may be prescribed or photos may be required. Priority attention would be focused on those parks where current records are known to be the most in need of update.

Mike Courier, Resource Steward, State Parks Division discussed this proposal with the BoD at our last meeting in Columbia. Mike will be coordinating the research authorization and notification of the individual Park Superintendent. For this activity he will need to know: (1) who is available for what time period, and (2) which Parks/Historic Sites would be considered within the traveling range of those who are volunteering.

As MONPS members may know, included in the mission statement of our State Parks Division is the commitment "...to preserve and interpret the state's most outstanding natural resources;..." Our Parks include a sampling of some of the highest quality remnant ecosystems and habitats in the state. Thus the above proposal is fitting, has strong ecological merit, and deserves the assistance of all who can contribute.

For more information call Michael P. Currier, Resource Steward (573)-526-2990, or by e-mail: mcurrier@services.state.mo.us

or – Jack H. Harris, Environment & Education Committee (see back cover for address, etc.)

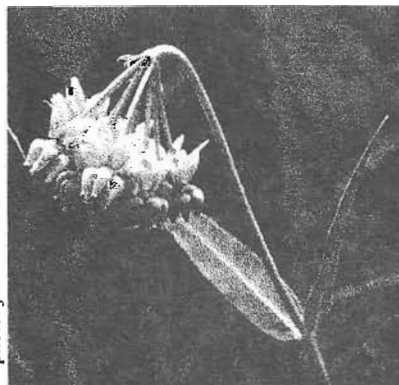


photo: jahar

Asclepias meadii
(Status: endangered in Missouri)

Quarterly Board Meeting Highlights April 25, 1998

President Larry Morrison, 17 board members and 8 guests met at University of Missouri Dunn-Palmer Herbarium, in Columbia, MO.

Treasurer's Report: Jack Harris reported a balance of \$10,798.79. Current membership stands at 296 paid-up members. Our tax-exempt status has been continued. A financial report was filed with the Internal Revenue Service.

Committee Reports

Editorial/Missouriensis: George Yatskievych reported that the 1997 issue of *Missouriensis* had been mailed. He requested articles for the next issue. It could be on any subject that furthers the aims and goals of the Society: botany, history, positive book reviews, the plants on your relatives' graves, etc. The articles should be well written and graphics are encouraged.

Environment/Education: Jack Harris gave a brief report on the Nature Working Group of St. Louis 2004, which involves planning for a nature inventory of the greater St. Louis area.

Petal Pusher: Pat Harris reported that it was requested the newsletter be received earlier by members. Accordingly, the deadline for submission will now be the 1st of the month.

Publicity: Nels Holmberg reported that an announcement of our weekend meeting was listed in the calendar section of the Columbia Tribune.

Old Business

Annual Meeting/Joint Meeting with Iowa NPS: All the arrangements have been made.

Badge Program: Larry Morrison was the 2nd recipient of the "Wear the Coneflowers" badge.

Marlene Miller reported that the National Wildlife Federation's "Earth Savers" program will promote our badge program in their summer newsletter.

MONPS Home Page: It was requested that the Home Page address be permanently printed in the *Petal Pusher*.

New Business

Grants: Sam Karl made a presentation to the board asking MONPS to sponsor a habitat restoration project. MONPS also received a request from Casey Galvin to sponsor a grant regarding endangered species photography. Although the proposals seemed worthy, it was moved, seconded and carried (MSC) that we regretfully decline both grant proposals. The board did not feel that MONPS has the technical or administrative resources to undertake such programs at this time. Larry will send a letter to both Sam & Casey informing them of our decision.

State Parks: Mike Currier presented a proposal to MONPS members. (See article on page 3.)

It was MSC to allocate \$75.00 for expenses to Dr. David Ashley relating to his presentation on the western prairie

fringed orchid at our June 1998 meeting.

Regional Sources of Native Plant Handouts: Pam Haverland and Robin Kennedy would be willing to update the Handouts (Fact Sheets) once a year if someone would check to see if the suppliers want to stay on the list. Larry will appoint a committee to update these lists once a year. Ann Wakeman will draft a letter, and Larry will mail it.

World Conservation Union (North American Plant Specialist Group) Invitation: George Yatskievych will be our representative to this Group.



Tidbits

RHAMNUS CAROLINIANA

Harold Laughlin writes in the May/June 1998 Native Plant Society of Texas "NEWS" under the title "Let's Disarm the Buckthorn," that consideration should be given to changing the common name of *Rhamnus caroliniana*. He proposes using the already-existing alternate name of "Indian cherry," rather than "Carolina buckthorn." The native plant, available at many nurseries, is a desirable landscaping addition, featuring bright green leaves which turn various shades of yellow and orange in the fall, small white flowers and blue-black berries loved by birds. The plant is thornless and the author reasons that the present common name confuses potential buyers, many of whom do not want "thorny" plants.

PRAIRIE CRABAPPLE'S SPECIES NAME

Prairie crabapple, sometimes called *Pyrus ioensis* (A. W. Wood) Carruth, but listed as *Malus ioensis* (Alph. Wood) Britton in Yatskievych & Turner's 1990 *Catalogue of the Flora of Missouri* occurs throughout Missouri. An article in the Iowa Native Plant Society May 1998 Newsletter by Thomas Lammers explains the origin of the unusual species name. The plant was first described from Iowa in the mid-1800s by Alphonso Wood, a New York botany professor, who also was an administrator of secondary schools, primarily for women. The plant was named in honor of Iowa, but Professor Wood, who had taught Latin to young ladies, apparently believed that scientific names should exclude letters such as "W" that were not used by ancient Romans.

Chapter News

Jefferson City — We have had guest programs on a variety of subjects this year. They were Native Plants for Shade given by Ann Wakeman, Medicinal Uses of Native Plants by Native Americans and Photographing Antique Roses both given by Janet Racen, and Shrubs and Woody Vines of Missouri given by Don Kurz.

Field trips included Earthquake Hollow, Runge Nature Center, and a combination field trip-potluck lunch to Jean Stanford's Wildfields.

Hawthorn Chapter — Meetings: The January meeting was canceled due to icy-snowy weather. In the future, meetings will be canceled when Columbia Public Schools are closed due to bad weather. In February, Mike Hood, Director of Columbia's Parks & Recreation Department, discussed the Forum Boulevard wetlands area and the possibility of our Chapter working with the city in their restoration efforts. In March, Ann Wakeman presented a propagation workshop. In April, Jim Davis, Director of the Show-Me Clean Streams Association, gave a presentation on Stream Teams and Show-Me Clean Streams.

In January, a field trip to see a 420 year old eastern red cedar at Three Creeks Conservation Area, was held. A field trip to Bear Creek in north Columbia near Cosmo Park, was held in February. We had booths at both the Columbia Earth Day Celebration and Columbia's day with Wildlife in April. Over \$400.00 worth of books and plants were sold.

The Hawthorn Chapter hosted the MONPS State Board Meeting in April. Field trips that weekend were to Prairie Fork CA, and Earthquake Hollow on Sat. and on the MKT Trail on Sun.

Kansas City — We decided to have only 4 meeting this year, concentrating instead on field trips. And do we have some good ones planned! Watch the *Petal Pusher* for details, & join us if you are in the area.

February found several members manning an information booth at the Kansas City Flower, Lawn, & Garden Show, thanks to the hard work of Sue Hollis. We distributed lots of information, and even signed up a few new members! Dr. Meredith Lane from the Herbarium at the University of Kansas spoke at our March meeting on pollinators and pollination. You never really know who (or what) actually pollinates you favorite flowers!

Our April field trip was to Line Creek Park in Gladstone, and then to White Aloe Creek CA in Parkville. We identified 28 species in bloom or bud at Line Creek, and 30 species at White Aloe Creek. We also saw the leaves of eight Putty Root Orchids (*Aplectrum hyemale*) at White Aloe Creek; not bad for an area surrounded by development.

Petal Pusher

Osage Plains — Officers for 1998:

President: David Lindell

Vice President: Marlene Miller

Secretary/Treasurer: Ruth Maynhart

Chapter Representative: Marlene Miller

Field Trips Coordinator: C. F. Eaglesfield

Meetings: In March, Frank Wesley presented a program on the Katy Trail. He challenged us to become involved. In April, we set our meeting and field trip schedule for the year. Our speaker in April, Jeff Hodges, gave a program on native grasses. For several years he has done research on planting of native grasses. He showed two excellent videos on the uses of native grasses and establishment practices.

Our first field trip of the season was to a virgin forested area on a private farm of one of our members. As C. F. so succinctly stated, we seemed to be standing in a field of flowers. Among the plants seen was bloodroot. Even though Steyermark's *Flora of Missouri* states that bloodroot had not been reported from Henry County and counties west of us, there were many hundreds of these plants pushing through the thick layer of old leaves on the ground.

Five or our members were involved in setting up and manning a booth at the Conservation Day in Warrensburg. A big thanks to the Kansas City Chapter for help with materials.

St. Louis — The St. Louis Chapter has started the new year with a full schedule of programs and field trips. At our January meeting, Karen Haller let us travel vicariously to Belize as she showed slides and shared stories about her trip last summer. (Just don't ask her about the taste of any of those examples of edible flora and fauna — she didn't try them!) In February, Ralph Lindgren of Joplin shared stories and beautiful pictures of his botanical travels in Missouri and Michigan. And speaking of beautiful pictures, in March, photographer Casey Galvin, a convert to botany, wowed us with his slides. His pictures look just like the ones I remember taking and better than the ones I always seem to pick up from the photo shop. April's meeting featured a presentation by Stacy Armstrong of the Missouri Highway Department, who manage 385,000 acres of roadsides. She gave a strong case for the use of native plants as roadside plantings She also urged MONPS members to write MDOT and express their opinions on using native plants, and on roadside mowing timing and frequency.

Early 1998 field trips included a trip to Wegner Woods to look for trout lilies and other early wildflowers and a wildflower walk at Emmenegger Park led by Jack and Pat Harris. This suburban gem has a surprising variety of wildflowers both on the ridges and in the flood plain, and its natural populations were generously augmented by the late Edgar Denison. Don't miss it!

In April we had a booth, featuring our new display boards, at the Garden Expo which emphasized "natural" gardens. We gave away MONPS fact sheets on where to purchase native plants and sold T-shirts, bandanas and pins for a total of \$84.00. Best of all, we gained several new members.



Meet the MONPS Board

Jack H. Harris – Treasurer

It all started just a few miles west of the San Andreas fault, commonly referred to as southern California. After high school there, I departed the sunshine state to spend seven years on active military duty in the US Air Force. Then added thirty years in cartographic production operations, e.g., military maps, target data, et al, for various agencies in the Department of Defense. And subsequently posted six years as self-employed consultant working on mapping systems transition and implementation. Education via Washington University-St. Louis (Industrial Management) and one year at the US Naval War College (Strategy-Management-Tactics). Woven in with the foregoing, I am married (Pat), have participated in the rearing of two sons (Brad & Ty), have been an active member of the Sierra Club (30 years), and a sporadically active member of the Webster Groves Nature Study Society and The Nature Conservancy. A short while after retirement, when time was available for field trips, Pat introduced me to Art Christ and Rev. James Sullivan. This troika patiently persisted in 'revealing' the plant world to me – despite my valiant and continued resistance. Pat and Fr. Sullivan are still trying. Which brings me to my present ongoing hobby in field botany and club participation as Treasurer of MONPS.

Pat Harris – *Petal Pusher* Editor

It was on a spring Sierra Club outing at St. Francis State Park that I became interested in wildflowers. I still remember seeing my first dutchmen's breeches, and being fascinated by it. Learning a few spring flowers each year I decided I could lead a spring wildflower outing myself. So every year since, Jack & I have led an April wildflower walk for the Sierra Club. In 1986 at an Endangered Species Conference at the Missouri Botanical Garden, I happened upon a MONPS booth, where Bill Summers had to twist my arm to become a member. (Just kidding, Bill.) Their first field trip after that was at Pickle Springs, where I met Joanna Turner. She told me that the Botany Group of the Webster Groves Nature Study Society met every Thursday. There I met Art Christ and Father Sullivan. Due to their patience and willingness to impart some of their botanical knowledge, I began learning more about Missouri's native plants.

I was vice president for the St. Louis Chapter for 4 years. In the fall of 1992, I more or less volunteered to be the co-editor of the *Petal Pusher*, along with Carl Darigo. This is the 34th issue that we have published.

I've been a volunteer naturalist at Powder Valley Nature Center since it opened in 1991, and am currently one of their part time receptionists.

Robin Kennedy – Board Member (1996-1999)

Robin is a member of the Hawthorn Chapter of MONPS in Columbia. A faculty member in the Division of Biological Sciences at the University of Missouri, she also serves as Curator of the Dunn-Palmer Herbarium on that campus. She holds a bachelor's degree in chemistry, and master's and Ph.D. degrees in biology. Robin teaches courses at MU in general botany, general biology, and plant taxonomy, occasional MU summer field courses in various western states, and has also taught plant anatomy at the University of

Canterbury in Christchurch, New Zealand. Her research interests in tropical forest inventory and wood anatomy lead her to Puerto Rico or Ecuador every year or two for plant collecting and ecological surveying. Robin and her husband, George, a journalism professor at MU, have three grown children, one crazy old dog, and a backyard full of squirrels, birds, and a growing collection of native Missouri plants.

Larry Morrison – President

Larry is currently the president of the state organization. In the past he has served as an at-large Board member and as a chapter representative from the St. Louis chapter. Among other environmental groups, he is also a member of the Illinois Native Plant Society and the Indiana Native Plant and Wildflower Society. Larry is an historian by education and occupation. He has taught at several universities and currently works as an historian/policy analyst for the Air Force Communications Agency at Scott Air Force Base, Illinois.

He and his family moved to this area in 1983. The following year he heard about and joined MONPS. At the time of the founding of the St. Louis chapter, Larry was the only non-Missourian who was a "charter member" of that chapter. He and his wife, Nancy, reside in O'Fallon, Illinois, where they plan on creating a small woodland wildflower garden in their backyard.

Lynda Richards – Secretary

Lynda is a life-long naturalist. She earned a Bachelor's degree in Entomology from Iowa State University in Ames, her hometown; and a Ph.D. in Zoology at Washington State University in Pullman, Washington. She worked for three years at the Smithsonian's "Insect Zoo" at the Natural History Museum in Washington, DC. She began working for Mark Twain National Forest in 1979 as a technician, assisting with ecological classification system development and evaluating natural areas, then moving to Rolla District, marking timber and doing wildlife, range, and cultural resources work. She served as Ecologist from 1991 until 1998. She lives in the oak woods south of Rolla with husband John Grinstead, grape breeder and retired forester. She has been a member of MONPS since 1981, serving as secretary and board member in the past.

George Yatskievych – *Missouriensis* Editor

George, who with Doug Ladd co-edits the Society's journal, *Missouriensis*, got interested in botany in southern Arizona, where he attended high school and college. A glutton for punishment, George went on to complete a Ph.D. in Plant Sciences at Indiana University, before taking a job as botanist with the Missouri Department of Conservation in 1987. What is a displaced southwesterner doing revising Julian Steyermark's *Flora of Missouri*? "It was a chance to work at the world-famous Missouri Botanical Garden at a time when jobs in the U.S. involving floristics and traditional taxonomy were practically nonexistent. Also, the connection between the Garden and the Conservation Department allows me to put the botanical resources available to me to work on conservation issues around the state. It's a unique position and I feel very lucky to have gotten it."

Summary Status Report on Listed Plant Species in Missouri

by Jack H. Harris

The Missouri Natural Heritage Database is operated and maintained by the Missouri Department of Conservation (MDC). The database comprises information on plants and animals gathered from state and federal agencies and other specialists throughout the state.

From the database, an annually published checklist is prepared by the Endangered Species Coordinator. The Checklist contains a complete listing of each concerned species by scientific name, common name, and status. These are sorted into taxonomic groups, e.g., flowering plants, fish, birds, etc. By definition a "species," for purposes of the checklist, applies only to "...historic, regularly breeding species." Certain species of migrating birds, e.g., may not be found in this list.

The table below was adapted for this newsletter from information in (1) Rare and Endangered Species Checklist of Missouri – June 1997, and (2) Wildlife Diversity Report July 1996 – June 1997; both published by MDC. The Wildlife Diversity Report contains brief narrative descriptions and status of various programs, projects, and research from the

Natural History Division, MDC. Note that the quantities in the table describe the numbers of species in the state that satisfy the particular criteria for this data base.

In addition the Checklist indicates that there are three (3) flowering plant species listed as federally ENDANGERED and six (6) flowering plant species federally listed as RARE in the state of Missouri.

A somewhat similar table on this subject was last published in this newsletter on page 7, Vol. 11, No. 3 (May–June 1996).

Copies of these reports may be obtained by writing to MDC, P.O. Box 180, Jefferson City, MO, 65102-0180; or call 573-751-4115.



photo: jahar

Thalia dealbata (Status: rare in Missouri)

Year	Total Native Species	E	R	WL	SU	EXT	Total Listed
96-97	Flowering Plants – 2503	168	63	41	95	58	425
96-97	Ferns & Fern Allies – 97	10	4	2	4	1	21
96-97	Mosses	45	18	—	20	1	84
96-97	Bryophytes – 400	10	3	—	5	—	18
96-97	Lichens – 370	14	3	2	4	—	23

Where: E = endangered; R = rare; WL = watch list; SU = status undetermined; EXT = extirpated

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

(Circle all that apply)

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 _____
 e-mail _____

Vol. 13 #4
July – August 1998

Inside This Issue

- MONPS Badge Awarded
 - State Parks Plant Inventory
 - MO Listed Species Update
-

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

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Missouri Native Plant Society Officers and Board Members

PRESIDENT

Larry Morrison
625 Wildwood Lane
O'Fallon, IL 62269
618-624-5964
Larry.Morrison@scott.af.mil

VICE-PRESIDENT

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

SECRETARY

Lynda Richards
15676 CR 7170
Rolla, MO 65401-7570
573-364-8567

TREASURER

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

IMMEDIATE PAST PRESIDENT

Stephen L. Timme
T.M. Sperry Herbarium
Pittsburg State Univ.
Pittsburg, KS 66762
316-235-4740 (w)
slt@mail.pittstate.edu
FAX: (316) 235-4194

BOARD MEMBERS

Pam Haverland ('96-'99)
6901 Ginlet Lane
Columbia, MO 65201
573-443-2189
pamela_haverland@usgs.gov

Robin Kennedy ('96-'99)
300 Westwood Ave.
Columbia, MO 65203
573-443-5625
rkennedy@
biosci.mbp.missouri.edu

Ralph Lindgren ('97-'98)
2209 Kentucky
Joplin, MO 64804-2145
417-623-8084

Bruce Schuette ('95-'98)
678 St. Rt. 147
Troy, MO 63379
314-528-7247 (w)

Tim Smith ('97-'00)
1704 W. Main
Jefferson City, MO 65109
573-635-8085 (h)

Ann Wakeman ('97-'00)
5798 Windy Meadows Lane
Fulton, MO 65251
573-642-6927
mike-ann@socketis.net

ARCHIVES/BADGE PROG.

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

ENV. AND EDUC.

Jack H. Harris
(see officers)

FIELD TRIPS

Tim Smith
(see board members)

MEMBERSHIP

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

PUBLICITY

Nels Holmberg
530 W Whiskey Creek Rd.
Washington, MO 63090
314-583-4551
FAX: (314) 362-8188

EDITORIAL COMM.

David Castaner
Sylvia Forbes
Donna Ford
Paul Redfearn

MISSOURIENSIS, CO-EDITORS

George Yatskievych
MO Botanical Garden
P.O. Box 299
St. Louis, MO 63166
314-577-9522 (w)
gyatskievych@lehmann.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
carl.darigo@slug.org

Pat Harris
9708 Green Park Rd.
St. Louis, MO 63123
314-894-9021
pharris@stlnet.com

CHAPTER REPRESENTATIVES

COLUMBIA

Pam Haverland
(see board members)

JEFFERSON CITY

Ann Grotjan
59110 Redbud Rd.
California, MO 65018
573-796-4478

KANSAS CITY

Daniel Rice
815 W. 31st St.
Independence, MO 64055
816-461-0206

OSAGE PLAINS

Marlene Miller
949 NE Hwy C
Calhoun, MO 65323
816-694-3581
jwmiller@iland.com (h)
mtmiller@tacnet.missouri.org

ST. LOUIS

John Oliver
4861 Gatesbury Dr.
St. Louis, MO 63128
314-487-5924
oliver@
mail.lindbergh.k12.mo.us