



January-February 2007

Vol. 22, No. 1

Missouri Native Plant Society

January

- 8 **Mon., 7:00^{P.M.}** **Regular Hawthorn Chapter Meeting** at the Unitarian Church, 2615 Shepard Blvd. Topic to be announced. For more information contact Paula Peters at 573-474-4225.
Columbia
- 24 **Wed., 7:00^{P.M.}** **Hawthorn Chapter Seed Exchange and Propagation Workshop led by Becky Erickson** at the Unitarian Church, 2615 Shepard Blvd. Workshop will run about two hours. For more information contact Paula Peters at 573-474-4225.
Columbia
- 24 **Wed., 7:30^{P.M.}** **John Oliver will present "Flowers through the year—how I spent 2006"** at the regular St. Louis Chapter Meeting. John, a chapter member, is an accomplished photographer and retired high school teacher. Meet at Powder Valley Nature Center, 11715 Cragwold Road, Kirkwood (off Geyer Road, between Watson and Big Bend).
St. Louis

February

- 1 **Deadline for the March-April *Petal Pusher*.** Please send information, articles, photographs and graphics to Rex Hill, Missouri Native Plant Society president, at <rexhill@earthlink.net> by this date.
- 20 **Tues., 7:00^{P.M.}** **George Yatskievych will speak on his new book, *Flora of Missouri Volume 2*** at the Osage Plains Chapter regular meeting, Clinton Missouri Department of Conservation Office. Contact Emily Horner 660-885-6981 for more information. Refreshments provided.
Clinton
- 28 **Wed., 7:30^{P.M.}** **John Atwood will present "Common Missouri mosses and a newly discovered species from the St. Louis region."** John is the recipient of the 2006 Hudson Award and is a graduate student at the University of Missouri-St. Louis and Missouri Botanical Garden.
St. Louis

PLEASE NOTE:

Osage Plains Chapter has no meeting scheduled for January 2007.

Kansas City Chapter information was unavailable. Please check the chapter website at [www.angelfire.com/mo2/kcmonps/] for updated information.



Give Your Valentine A Gift of Nature:
A MONPS Membership!



Society Announces 2007 Field Trips and State Board Meetings

Spring Field Trip: April 27-29

Springs of Oregon County

Join us to visit a number of area attractions including: Falling Spring, Turner's Mill, Greer Spring, Grand Gulf SP, and more. We will be staying in Mountain View or West Plains.

Summer Field Trip: June 1-3

Mingo National Wildlife Refuge

We'll return to the refuge and try to improve on the plant list we started last Fall. We should see some different things at this time of year. Other places we can visit include: Holly Ridge CA, Duck Creek CA, or Otter Slough. We will probably stay in Dexter again. The Society's annual meeting will be held Saturday evening.

Fall Field Trip: September 14-16

Ha Ha Tonka State Park

This trip will offer opportunities to visit the savanna at Turkey Penn Hollow, search for ferns on the Devil's Kitchen Trail, and visit Coakley Hollow Fen at nearby Lake of the Ozarks State Park. We will stay in the Lake of the Ozarks area.

Winter Board Meeting: December 1

Dunn-Palmer Herbarium, Columbia, MO

Petal Pusher Editor Needed

This will be the last issue of the newsletter printed under the editorship of Betty Walters, who has completed her committed four years to the Society.

Submissions for the next issue need to be made by February 1 to President Rex Hill at <rexhill@earthlink.net>, or mailed to him at his address (see back page).

The editor's position fulfills a great need for the Society.

Items for every bimonthly issue include calendar of events, chapter news, welcome to new members, list of Board, committee chairs, and chapter representatives (back page), how and where to submit articles to the newsletter (listed in calendar), membership application, graphics or photos.

Items that should be included when they come out are highlights of Board meetings, publications of interest, formation of new chapters, and the book list (Hawthorn Chapter).

The Board has voted to publish the following as described below.

1. Bylaws: Every five years (2010, 2015, 2020, etc.), or whenever there are changes, or if they are revised.

2. Membership List: To be published in even numbered year within first six months. (Insure that published list does not contain names that have requested to not be listed.)

NOTE: The above is only a list of required items. The editor has much leeway in writing articles, or adding articles contributed from the membership, such as botanical articles, field trip summaries, recipes, book reviews, jokes and cartoons, committee reports, graphics, art, and poetry.

The editor may also want to try to get a regular column from the President, or from certain committees.

Additionally, the editor needs to solicit articles and remind Board Members to submit newsworthy items, and those pertinent to the business of the Society, for each of the six issues produced on an annual basis.

The publication is formatted and produced with PageMaker 7.0 software, and the Society owns its own copy of this Adobe software for Windows, which will be given to the new editor. For system requirements, please visit [www.adobe.com/products/pagemaker/systemreqs.html].

Experience with PageMaker is preferred, but knowledge of Adobe software and a strong desire to master PageMaker will be considered.

Other members of the board, Bill Knight and Ann Earley handle distribution and mailing lists.

The editor produces each copy, converts it to an Adobe Acrobat format and e-mails it to the publisher; therefore, does not necessarily need to reside in the St. Louis area.

Anyone interested in this position, or wishing to see a complete set of guidelines should contact Rex Hill immediately.

Petal Pusher via E-mail?

By Rex Hill, President

This is a request to our members who might like to receive the *Petal Pusher* electronically in the near future. This could speed the delivery and possibly save some of our mailing costs.

The publication would come to you as an attachment with a 'pdf' extension which can be read by Adobe Acrobat Reader which most people have on their machines. It is a freeware reader that can easily be downloaded.

There are, however, several considerations.

Some of you may have issues, either at work, or at home with allowing 'pdf' documents to reach you via e-mail. They can be filtered by your internet provider.

The attachment would typically be 500 Kilobytes(Kb) or less, but that can take a minute or two to receive over a phone line connection. The maximum size for last year's six issues was 370 Kb with an average of 320 Kb per issue.

The Board needs to hear from you (as many as wish to respond) about your interest. You can do that by e-mailing Ann Earley, our membership chairperson, at <aee623@prodigy.net>.

Put **Petal Pusher** in the subject line and please put your name in the body of the message as well as your thoughts about receiving the *Petal Pusher* via e-mail. This will give us your current (and accurate) e-mail address for our records and link that address to your name in our files.

Life's journey is not to arrive at the grave safely in a well preserved body, but rather to skid in sideways, totally worn out, shouting. ~Author unknown

Submit Board Member Nominations

At the December 2006 State Board meeting, George Yatskievych agreed to chair the Nominating Committee for upcoming state Society elections.

For 2007, we are required to hold an election for all of the officers (president, vice-president, secretary, and treasurer), as well as for two three-year board member positions.

Please send any nominations by e-mail or snail mail to:

George Yatskievych
Missouri Botanical Garden
P.O. Box 299
St. Louis, MO 63166-0299
E-mail <George.Yatskievych@mobot.org>

For more information on the duties of any office, please contact the current person filling that position or George.

SPONSORED BY THE MISSOURI NATIVE PLANT SOCIETY

Register Now for Missouri Springs Class

Some of the great natural features of our State are the springs that result from our geologic heritage. Learn more about why we have them, where to find them, the plants and animals that frequent them, and spend some time with instructors Rex Hill and Nels Holmberg exploring them.

St. Louis Community College-Meramec
Tuesday, March 27, 7:00-9:00^{P.M.}
Field Trips: Saturdays, 9:00^{A.M.} to 12^{Noon}
Saturday, March 3, Hamilton Hollow, Meramec State Park
Saturday April 14, (to be announced)
Saturday April 28, (to be announced)

Frost Flower Web Page Is A Must See

From time-to-time, MONPS members have reported finding frost flowers during forays on cold mornings in the late autumn and early winter, particularly on the stems of wingstem (*Verbesina*) and dittany (*Cunila*).

For those who would like more information on the subject, there is now an updated web page at [<http://www.ilstu.edu/~jrcarter/ice/>].

Dr. James R. Carter is a professor emeritus in the Geography-Geology Department of Illinois State University in Normal, Illinois. For a number of years he has been interested in frost flowers and related phenomena such as ice ribbons and ice needles.

His page discusses theories of how these beautiful structures are formed and delves into the history of their observation and study.

There are also great photos!



Osage Plains Chapter members dedicating the **Flora of Missouri, Volume 2** to the Henry County Library.

Osage Plains Chapter Report

Submitted by **Emily Horner, Chapter President**

On Monday, October 16, 2006 the Osage Plains Chapter of the Native Plant Society together with Polly and Freddy Eaglesfield dedicated the **Flora of Missouri, Volume 2** by George Yatskievych

to the Henry County Library, Clinton. Following the dedication, we held our October monthly meeting. Ann Huesemann, resident of Osceola, presented her photographs of native plants from Missouri and Colorado. She delighted the audience with numerous colorful photographs and the story behind many of them. We were able to help her identify a few unknown plants within her photographs. Emily Horner presented briefly on edible native



Missouri plants as well as a few plants to avoid.

By November we were all enjoying the fall foliage and gathered up much of it to make fall wreaths—just in time for family to visit for Thanksgiving. We dirtied up the tables at our November meeting with native grass, holly berries, bittersweet, leaves, acorns and much more. We brainstormed a few ideas for state NPS field trips, such as Ha Ha Tonka and Big Buffalo Creek CA and a few ideas for promotional items, such as tote bags and caps. We will also be looking for upcoming events



in which to promote the Osage Plains Chapter and will develop a display for such events.

The Osage Plains Chapter is taking December and January to enjoy the holidays and the snow. Here is to a happy and healthy new year!



Hawthorn Chapter Report

Submitted by Judy Turner, Chapter Representative

We held our annual wreath making workshop early this year in order to have wreaths to sell at the Chestnut Festival at the UM Horticulture and Agroforestry Research Center. The workshop was held at long-time member Laura Ellifrits' farm in October. Many wonderful wreaths were created from native plant materials, some of which were gathered on-site. Following the wreath making, we adjourned to the cool-flowing Cedar Creek for a cookout. Laura and her husband have spent quite a bit of energy and money to restore a wetland on their property.

The weather was absolutely superb for the annual Chestnut Festival - warm, blue skies, and no wind. In years past we have sustained wind damage to our canopy, which protects our books, plants, and wreaths from the weather. We sold lots of good books, about half the wreaths, and some plants. Nadia Navarrete led the wildflower/plant walks for festival attendees.

Later in October a small, dedicated group of our members turned out for the annual fall foliage hike to Painted Rock State Forest. We took an off-trail hike to investigate some of the areas recently cleared and thinned of timber in an effort to restore the glades. There were a lot of late blooming asters, goldenrods, quite a few rudbeckias, and an area that had many scattered Ladies Tresses orchids. It's amazing what regrows when it is given the opportunity. After the hike we had a fabulous lunch at the Native Stone Winery, north of Jefferson City.

Our regular chapter meeting in November was well attended by folks who came to learn the "Basics of Plant Identification" with Dr. Jean Everett of the College of Charleston. Jean is a familiar face to many of us as she participates in our hikes whenever she is in town visiting her parents, Nancy and George Brakhage. Along with many outstanding plant photos, Jean discussed the diagnostic vegetative and reproductive characteristics of the nine largest plant families. She emphasized learning the art of observation to distinguish the various characteristics. After her talk many of us were ready to sign up for a week-long workshop with her. Too bad South Carolina is so far away!

Welcome to New Members

We are happy to welcome these new and returning members to the Missouri Native Plant Society. We hope you will join us soon at our upcoming meetings and field botany trips.

Beth Dollman, Joplin

Gail Mayer, St. Louis



The Hawthorn Chapter will do almost anything to get our message to the public, including braving freezing temperatures at the Columbia Farmer's Market one Saturday morning. We sold all of our remaining wreaths of native plant materials and enough books to make it worthwhile. Some members even talked of doing it again next year. Thanks to Judy Ward for bringing us much welcomed hot chocolate!

Various chapter members have been attending the public discussions on "Imagining Columbia's Future". The results of this "visioning" process will be incorporated into the city's master plan in the years to come. Hopefully, the people, plants, and animals living in and surrounding our fair city will all benefit in the long run.

Our annual December Holiday Party was held at Nadia's again this year. Her husband Randy will be doing some of his fabulous soups and homemade bread. Yum! Yum!

Becky Erickson is organizing a seed collection hike in anticipation of the seed propagation workshop to be held in January. We hope the weather cooperates!

St. Louis Chapter Report

Submitted by Martha Hill, Chapter Representative

Our October meeting was held on the 25th and it was our customary annual 'bring your slides to show' day. We enjoyed seeing plants (and some creatures) up close and personal. Even one of our newer members, Retha Edens, gave a slide show of her trip to some Ozark glades and we enjoyed seeing the vistas through Retha's lens.

November 11th brought out some of our members, along with several birders and Forest Park community groups, to Forest Park in St. Louis to cut down several acres of invasive *Lonicera maackii* (aka Amur bush honeysuckle). Steve Buback, who is a St. Louis chapter member and staff at Forest Park, organized this outing. It turns out that the park will receive matching federal funds for each man hour worked by the volunteers. He tells us that money will be used to continue work eradicating the honeysuckle. I want to mention that the staff from Forest Park also volunteered *their* time for this worthwhile cause.

On September 30, 2006 the St. Louis chapter of the Missouri Native Plant Society joined the continuing education Wetland Plant Identification class from St. Louis Community College (led by Nels Holmberg) to visit an area in northeastern St. Charles County. During the field trip, a large thick patch of an unrecognizable plant was spotted across a linear pond along the trail. The experienced botanists in the group were consulted, but none could recognize the plant. Using binoculars borrowed from the butterfly-spotting enthusiasts in the group, the plants could be identified only as a *Polygonum*, species unknown to the group.

23 September 2006

Quarterly Board Meeting Highlights, Lamar, Missouri

President Rex Hill (RH) called the meeting to order. Quorum assessment was okay. Agenda approved.

Quarterly board meeting minutes approved.

Treasurer's Report (on file with Secretary)—Bob Siemer: The fiscal year began July 1. Total for current accounts (Share Savings, Money Market, Checking) equals \$8,337.07. CDs 3,4,5,9 total \$5,503.48. Total operating funds equal \$1,3840.55. Hudson Fund CD's 8 and 10 total \$14,044.96. The Budget is similar to last year's.

PUBLICATIONS AND MEDIA

Publicity Chairman Report—Kevin Bley: Looking for organizations (e.g. school, churches, etc.) to recognize for use of native plants.

Petal Pusher—Betty Walters (BW): Betty thanked everyone who has contributed to the *Petal Pusher*. RH asked JO to put a note in the *Petal Pusher* with hints for formatting and sending images. An issue was raised regarding the tardiness of mail delivery of the *Petal Pusher* (e.g. Robin, Tim, etc.), no real explanation available. BW noted that the newsletter could be sent to members by e-mail (PDF). RH would like to try and avoid going to a higher class of mail (postage cost). Pat Harris noted the WGNSS (Webster Groves Nature Study Society) practice of giving members the option to pay higher dues for 1st class delivery of the newsletter. Bill Knight will check into the added cost of sending the newsletter 1st class.

Missouriensis—George Yatskievych (GY): GY stated that material is gathering, but there is not yet enough for a full issue.

Hudson Fund Committee—GY: Will have something to report in December.

MONPS Website: Fact Sheet #5 Invasives Fact Sheet, GY may have originals of some invasive plant drawings, Tim Smith said it would be okay to use these in the fact sheet. A 2nd draft, incorporating comments, will be provided at later date.

COMMITTEES & TASK FORCES

Membership stats—Ann Earley: 22 new members since June 17; 346 members total, with two additional life members for a total of 38. A list has been sent to chapter reps of non-renewing members.

Awards Committee—Jack Harris (JH): JH put an updated Nels bio in the *Petal Pusher*. Should the award that went to Alberici be included with the current awards, i.e., Stewardship, Service, Education, Research, Steyermark? Sherry Leis **Moved** that Kevin Bley draft a set of guidelines for appreciation—for the Board to approve. Bob Siemer **Seconded** the motion. Motion passed.

Chapter Reports: Hawthorn, Kansas City, and Saint Louis reports on file with Secretary.

SOCIETY BUSINESS

Fund Raiser: GY suggested that MONPS might produce something besides T-shirts, e.g. ball caps, to sell for fund raising. Chapters should talk it over.

Donation to Tom Aley's Ozark Underground Laboratory: A check for \$400.00 dollars was delivered to Tom Aley and was much appreciated. Paul McKenzie reported that seed has been purchased, and they are ready to go forward with prairie restoration work.

Review assignments (notes submitted by J. Oliver):

John Oliver, write a short article for *Petal Pusher* suggesting file sizes and methods of submitting photos for publication.

Bill Knight, write short article for *Petal Pusher* announcing the start of 1st class mail delivery for those willing to pay for it.

Kevin Bley, put together a short summary of criteria for a MONPS "Certificate of Appreciation" recognizing and publicizing specific actions of individuals or groups which benefit native plants.

Sherry Leis, confer with Marlene Miller and others in the Osage Plains chapter to produce a tribute to Dr. Carol Eaglesfield to be published in the *Petal Pusher* or *Missouriensis*.

Chapter Reps—urge lapsed members of your chapters to renew their memberships.

Appreciation: Big thanks to Tim Smith for organizing the field trip and also to Paul McKenzie for helping get the canoes ready. Rex Hill thanked everyone for attending and for the lively discussions of the evening.

Present at Meeting:

Rex Hill	Sue Hollis
Kathy Thiele	Paul McKenzie
Ann Earley	Bob Siemer
Bruce Schuette	Tim Smith
Kim McCue	Judy Turner
John Oliver	Martha Hill
Kevin Bley	Jack Harris
Betty Walters	Pat Harris
George Yatskievych	Kay Yatskievych
Patricia French	Sherry Leis
Bill Knight	
Susan Russell	Dick Russell

Respectfully Submitted,
Kimberlie McCue, Secretary

INFORMATION ON JOINING MISSOURI NATIVE PLANT SOCIETY

SOCIETY DUES

(Chapter dues additional)
 Student \$5.00
 Regular \$10.00
 Contributing \$20.00
 Life \$200.00

CHAPTER DUES

Columbia \$6.00
 Kansas City \$5.00
 Osage Plains \$5.00
 St. Louis \$5.00
 Ozark's Native Plant ... \$5.00

(Circle all that apply)

Do not publish my name and address in the membership list.

\$_____ Contribution for student research award (Hudson Fund)

All contributions are tax deductible

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Vol. 22 #1
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- Give a gift of nature, a MONPS Membership!
 - 2007 Field Trip & Board Meetings
 - Newsletter Editor Needed Immediately
 - Make Nominations Now
-

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