

# Missouri Native Plant Society

## January

- 16      Thur., 7:00 PM      **Chapter Meeting.** We will be setting up our field trip schedule for the year. Held at the Kansas City Discovery Center, 4750 Troost.
- .....
- 18      Sat., 1:00 PM      **Winter Hike at Three Creeks State Forest.** Meet at the north Entrance, off Deer Park Road. (Inclement weather date: January 25).
- .....
- 22      Wed., 7:30 PM      **Spring Annuals in the Sonoran Desert** presented by Gretchen Walterson. Held at Powder Valley Conservation Nature Center, 11715 Cragwold Rd, Kirkwood (off Geyer Road, between Watson and Big Bend). **NOTE: Change of meeting place.**

## February

- 1      **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. Send e-mail to: [bettyiuvsinsects@yahoo.com](mailto:bettyiuvsinsects@yahoo.com)
- .....
- 10      Mon.      **Seedling Workshop** held jointly with the Wild Ones, led by Ann Wakeman. Location and time to be announced. Or check the Hawthorn web page, <http://www.digmo.com/npsboco>
- .....
- 26      Wed., 7:30 PM      **Ferns and Flowers in Western China** presented by George Yatskievych. Held at Power Valley Nature Center.

## Turning a New Leaf

By Pat Harris

Ten years have passed since I became editor of the *Petal Pusher*. It's with mixed emotions that I'm retiring from this post. I've really enjoyed being editor and I'll miss it very much. But it will be nice not to have to consider deadlines when making vacation plans.

Many thanks to Carl Darigo, my co-editor. He waded through all the newsletters from other Native Plant Societies and wrote almost all of the articles in the "Tidbits" column. He also helped labeling the newsletters and took them to the bulk mail office. Several times he had to pick up the *Petal Pusher* from the printer and do all the labeling and bundling himself.

A special thanks to my husband, Jack, who was a behind the scenes co-editor. He always came through for me when I

needed articles written. He also helped proof read every page several times. There were still bloopers that got through, but there would have been many more without his help.

Many thanks to all who contributed articles, ideas, and graphics. You all helped make the *Petal Pusher* what it has become.

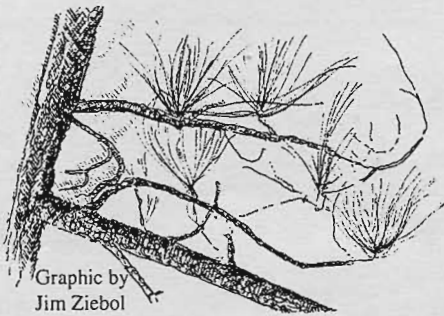
It's time now for fresh eyes and fresh ideas to take over. Betty Walters has kindly volunteered to be the new editor. She'll need everyone's help. This is your newsletter. Send articles to her about your favorite plants, areas to visit, adventures you've had. Write an article about one of our field trips. Write a poem. Draw a picture of a wildflower, a tree, a sedge, a weed or a scene. The more you contribute, the better the *Petal Pusher* will be.



## 2003 MONPS Meeting & Field Trip Schedule

Mark your calendars now! The quarterly MONPS Board meetings have been scheduled for 2003. Join our fellow native plant enthusiasts for some exciting field botany in these areas.

- April 25-27 Sandstone glades near Springfield.  
June 6-8 Prairies around Clinton.  
Sept. 5-7 Sand prairies near Cape Girardeau.  
Dec. 6 Dunn-Palmer Herbarium, Columbia. This is an all day business meeting. Plans will be made for 2004.



Graphic by  
Jim Ziebol

## Nominations Sought for MONPS Awards

President Jack H. Harris has appointed an Awards Committee to receive nominations for 2003 for the five MONPS awards which are as follows:

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.
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.
4. The John E. Wylie Service Award. To recognize individuals who have provided exceptional service to the Society.
5. 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 Tim Smith (Chair), Jefferson City; George Yatskiyevych, St. Louis. Please send nominations to Tim Smith at MO Dept. of Conservation, P.O. Box 180, Jefferson City, MO 65102-0180 setting forth the contributions of the individual or organization. Awards will be presented at the June Annual Meeting.

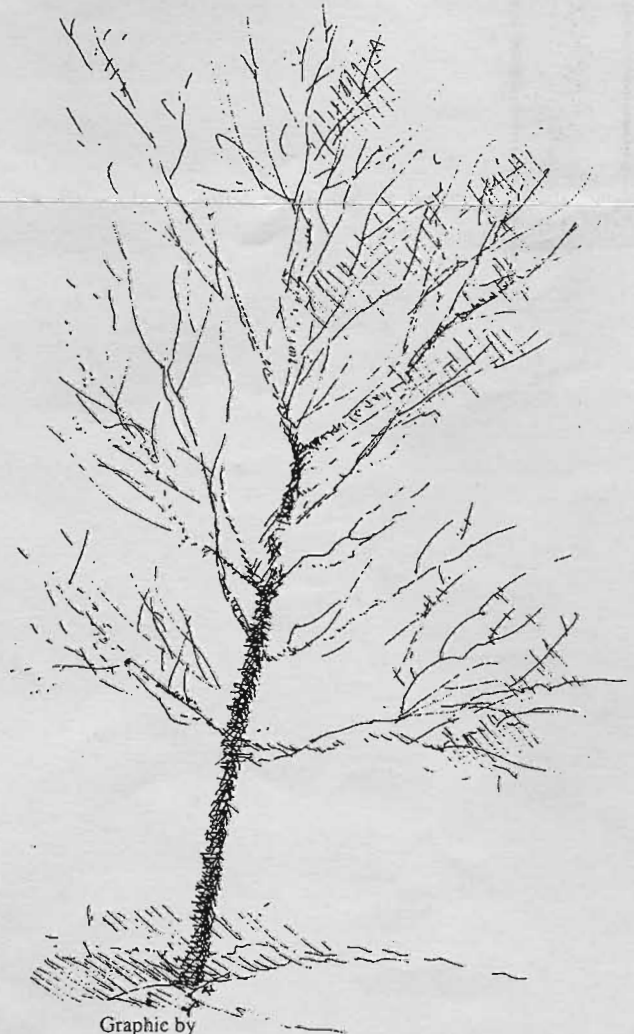
## Nominations for MONPS Board Requested

The Society will be conducting elections between now and the annual meeting in June. The open positions are President, Vice President, Secretary, Treasurer, and two board members. The two board members whose terms expire June 30, 2003 are: Paul McKenzie and Max Towler.

The Nominating Committee chair is: Bruce Schuette, Troy (see back page).

If you are interested in being a candidate for any of the open positions or would like to nominate someone to fill a position, please contact a member of the Nominating Committee by January 30, 2003. A slate of candidates will be published in the next edition of the *Petal Pusher*. Members will have at least 20 additional days following that publication to nominate alternate candidates. (See page 6, Article VII in *Petal Pusher*, Vol. 15, No. 1.)

Please take this opportunity to give your suggestions for our future leadership.



Graphic by  
Jim Ziebol

## It's Time to Come to the Aid of Your Party — the Native Plant Volunteer Party!

Jack H. Harris, President, MONPS

### HERE'S HOW —

The Missouri Native Plant Society is cruising into its 24<sup>th</sup> year as you are reading this article, (i.e., during the months of January-February 2003). And it is time to call on the members to step up and contribute to the continued viability of this organization.

When I ask someone if they would consider serving their Society (and the goals/objectives to which it is committed), either as President, an officer or board member, I frequently hear a response along the lines of: Oh! I could never do a job like that. I don't have any experience managing a non-profit organization, etc., etc., or I don't have time for such a time consuming job and do all the other things already on my plate, etc., etc.

I believe there are at least 10 reasons why such claims will not stand much scrutiny. They are listed on page 80 of the journal *Missouriensis*, Volume 20, 1999 (a history of the Society by Larry R. Morrison). On this page is listed all of the past presidents of the Society. All of these folks no doubt had similar trepidation. But with the encouragement, support and assistance of the other devoted native plant enthusiasts on the board of directors, the Chapters and members around the state, it all got done. Perhaps a few minor pieces to the puzzle fell off the wagon along the way, while traversing a bump here & there,— but collectively: **Here We Are!**

No one who enters the field as a candidate for Society President knows what the exigencies of time and fortune have in store for life in the native plant "twilight zone" (and speaking from experience, sometimes it seems that the "zone" HAS been entered). However the decision to help must rest on the conviction that the goals and objectives that the Society stands for are worth checking into the game, and playing the best you can for at least one quarter. The same can be said for all of the names and positions listed on the back page of the *Petal Pusher*.

**Now** is the time of the biennial cycle when the Society is electing a slate of officers: President, Vice-President, Treasurer, Secretary and two directors.

It is time for all members to consider taking a fair share turn at keeping the cogs & wheels of the Society grinding along on the path to a better future for native plants.

You are invited to inquire about any position by talking to any officer or member of the board of directors (see back page) or to the leader of the Society Nominating Committee, Bruce Schuette, 636-528-7247 or baesch@nothnbut.net

We welcome your inquiry.

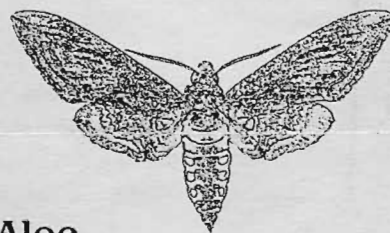
And remember what this is really all about: Native Plants need attention. **Your Attention!** You can help!

## Help the Society Get the Word Out! — WANTED —

### Publications Distribution Manager

*Petal Pusher*, the newsletter of the Missouri Native Plant Society is published six (6) times a year and *Missouriensis* once. Recently about 450 copies are printed for each issue. Around 350 copies are prepared for bulk mail to members through the US Post Office and the remainder are distributed by bundles to the Chapters, the society officers or other functions. The necessary tasks can usually be accomplished in approximately eight hours by one or two people, six or seven times a year.

The Society is looking for a distribution manager (one person or a team) who would willing to work in close scheduling coordination with the Editors of *Petal Pusher* and *Missouriensis* (see back of this issue) to accomplish the above noted functions in a timely manner for each issue of a publication. Interested parties may inquire about details from Betty Walters (636-527-4194//bettyluvsinsects@yahoo.com), Pat Harris (314-894-9021//paharris@mac.com) or George Yatskiyevych (314-577-9522//george.yatskiyevych@mobot.org). Training and assistance for start-up will be provided until the new distribution manager is proficient.



### American Aloe

By Nels Holmberg

Did you ever wonder what pollinates *Manfreda virginica*? Joshua Gorman and Olle Pellmys of Vanderbilt University did, so they spent a lot of time out on Tennessee glades watching. They found most insects visit the *Manfreda* flowers about dusk or dawn, although the plant produces the most nectar between midnight and 4:00 AM.

During daylight, small and large bumblebees and Halictid solitary bees are the most frequent visitors. The large bumblebees collected pollen and nectar; thus, doing some pollinating. The small bumblebees and Halictid bees sat on the anthers and collected pollen, apparently spreading none to the stigma.

After dark, Noctuid and Hawk moths visited the flowers. The smaller Noctuid moths sat under the calyx tube while reaching in to collect nectar and did not transfer any pollen. The Hawk moths hovered in front of the flower, probed for nectar with their tongues and had extensive contact with both the anthers and stigma.

When the researchers restricted visits to the flowers by the insects to either day or night, they found the night-pollinated flowers produced the most seed.

The Hawk moth is the best pollinator and large bumblebees assist.



# Quarterly Board Meeting Highlights

DECEMBER 7, 2002

President Jack Harris, 17 board members and two guests, met at the Dunn-Palmer Herbarium, Columbia, MO.

**Treasurer's Report:** The President, acting as interim Treasurer, submitted a report on the status of the accounts. The present balance is \$16,984.25.

It was moved, seconded and carried (MSC) to appoint Keet Kopecky, Kansas City, to fill the vacant position of Treasurer, for the remainder of the office term.

**Hudson Fund:** Jay Raveill offered a resolution to establish a permanent committee, composed of MONPS board members, whose purpose is to oversee the operations of the Hudson Fund. A draft operating guide was presented to the board. The committee will confer with the donor, and subsequently develop guidelines, issue grant invitations, and make awards according to the review criteria. It was MSC to approve this operating guide as discussed.

**Petal Pusher:** Pat Harris asked for articles and activity information for the January-February issue.

It was MSC to appoint Betty Walters, as the new editor of the *Petal Pusher*. It was MSC to purchase appropriate publishing software. The software will be registered in the name of the Missouri Native Plant Society.

**Missouriensis:** George Yatskievych reported that he has ample material for the next issue. It should be published early next year.

**Web Site:** Robin Kennedy reported the native plant suppliers Fact Sheets will be updated in January. She said that Grow Native! has a nice web site: [www.grownative.org](http://www.grownative.org)

**Membership:** Ann Earley reported that the 116 members whose dues are delinquent were sent a renewal envelope. So far 23 have responded. There have been 16 new memberships since the last meeting, with one new life member. There are now 18 life members.

**Noxious Weed Task Force:** To quote Tim Smith; "They keep spreading." Tim and George Yatskievych will be giving an Invasive Plant Species Workshop at the Natural Resources Conference, Jan. 29-31 at Tan-Tar-A Resort in Osage Beach, [www.mnrc.org](http://www.mnrc.org)

Tim said that Greg Gramaud, MDC Regional Biologist, had developed a flyer about both species of teasel. The farmer's fields in his region, NE Missouri, are being invaded by this noxious weed.

**Roadside Vegetation Task Force:** Nadia Navarrete, president of the Hawthorn Chapter, asked to be on the next agenda to give a summary of what the Chapter has been doing on this topic.

**Publicity:** George Yatskievych passed around a brochure produced by the Arizona Native Plant Society. It was a glossy, full color, three-fold page about what their society offers to members. It was MSC to form a committee to

develop a new MONPS brochure. The committee consists of: George, Kim McCue, Paul McKenzie and Tim Smith.

**Nominating Committee:** Bruce Schuette reported on the status of the search for candidates for MONPS officers. He urged all members to consider serving the Society by offering their assistance for one term. Anyone interested in running for any MONPS office or knows of someone who would like to be nominated, please contact Bruce Schuette. (See back page.)

**Ballot Committee:** Robin Kennedy volunteered to be the Chair of the ballot committee.

**Awards Committee:** The President appointed Tim Smith (Chair), and George Yatskievych to the Awards Committee.

**Fund Raiser:** Sue Hollis reported that Ann Grotjan offered to work on a new design for T-shirts. Jack Harris said that Jim Ziebol was also interested in developing a design for our consideration.

**2003 Schedule-Business Meetings and Field Botany:** See page 2 for dates and areas.

**Native Plant Conservation Campaign:** It was MSC for MONPS to become an affiliate. [www.cnps.org/npcc.htm](http://www.cnps.org/npcc.htm)

**State Grass:** Tim Smith reported that a 4th grade teacher from Truman Elementary School in Rolla said her class proposed having a Missouri State Native Grass designated in the state legislature. It was MSC for Tim to write a letter stating that MONPS is pleased to endorse the designation of the grass big bluestem (*Andropogon gerardii*) as Missouri's state native grass.

**By-laws Update:** The Board of Directors began a review of the by-laws update. It was determined that an Operations Procedures Manual be developed first. It was MSC to establish a committee to assemble the manual. Pam Haverland is the project leader, Sue Hollis will assist. All officers, board members and committee chairs should submit a written description of their duties to this committee by 15 Jan 2003.

It was MSC to table any further discussion of the By-laws.



## Chapter News

**Columbia** — In September, Dr. David Hammer, University of Missouri, presented a program on The Co-Evolution of Soil and Plants.

Later in the month, we staffed the Heritage Festival Booth and sold books and plants.

The October Field trip was to Painted Rock State Park.

Charles Laun, conservation chair Osage Group of the Sierra Club, spoke on Bonne Femme watershed concerns and new regulations on watershed projects at our November meeting. The Hawthorn Chapter has joined a coalition of groups to work on protecting the Bonne Femme watershed.

Pam Haverland hosted a cedar wreath making workshop in November.

November was the transition month for the Hawthorn Chapter newsletter. Trevor Harris assumed the duties as newsletter editor. The chapter will thank and honor Paul Hayden, former editor at the December Christmas party.

**Kansas City** — The Kansas City Chapter held its first meeting of the Fall on a new day and in new surroundings. We are now meeting in the Discovery Center on the third Thursday of the months of January, March, May, September, and November at 7:00 PM.

Two videos from the Department of Conservation were viewed at our September meeting. We also held our annual seed exchange.

Alan Branhagen of Powell Gardens spoke at our November meeting. His topic was on Landscaping with Native Trees and Shrubs. He gave an excellent presentation, with many slides of trees, shrubs, and their potential use in the home landscape.

We also have had two field trips this quarter. The first was to Hidden Valley Park in North Kansas City to try and locate the population of Goldie's fern (*Dryopteris goldiana*) known to grow there. None were found because of the drought, but it was still fun trying to locate them using a topo map from the Department of Conservation.

The second field trip was in October to Maple Woods Park to see the Fall colors for which the park is known.

If you are in Kansas City, be sure to stop by the Discovery Center. It is the Missouri Department of Conservation's first Urban Conservation Center and is really a fun place to visit.

**St. Louis** — Dave Tylka, an instructor at St. Louis Community College, Meramec and author of *Native Landscaping for Wildlife and People*, presented our September program about the benefits of landscaping with native plants.

The October field trip to Fults Hill Prairie in Monroe Co., Illinois, was led by Pat Grace and Larry Morrison.

Our continuing education class on prairies presented as part of the Naturalist Series at Meramec Community College was a success

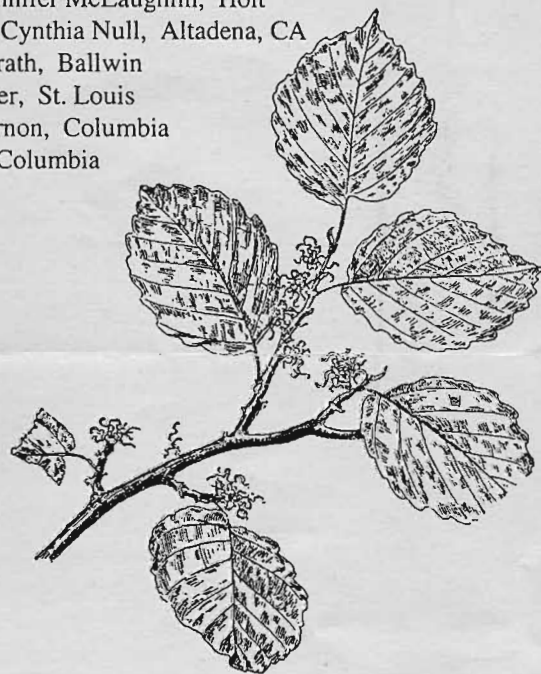
We staffed an information booth at the Systematics Symposium at the Missouri Botanical Garden and sold T-shirts and bandannas.

At our annual member's October free-for-all slide show night, we were treated to photographs of many unusual and rare plants.

## Welcome to New Members

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

L. Michelle Bowe, Springfield  
Susan Corey, Spearfish, SD  
June and Wesley Fender, Greenfield  
Susan Ford, Licking  
John Gatson, Columbia  
Judy Huck, Florissant  
Rick and Jennifer McLaughlin, Holt  
George and Cynthia Null, Altadena, CA  
Rebecca Porath, Ballwin  
Jane Schaefer, St. Louis  
Marilyn Vernon, Columbia  
Jack Wax, Columbia



## MONPS Chapter Web Sites

Kansas City [www.angelfire.com/mo2/kcmonps/](http://www.angelfire.com/mo2/kcmonps/)  
Columbia <http://www.digmo.com/npsboco>

### WWW. SITES FOR MISSOURI BOTANY:

Flora of Missouri Project:  
<http://ridgwaydb.mobot.org/mobot/missouri/>  
*Atlas of Missouri Vascular Plants:*  
[http://biology.smsu.edu/herbarium/atlas/atlas\\_of\\_missouri\\_vascular\\_plant.htm](http://biology.smsu.edu/herbarium/atlas/atlas_of_missouri_vascular_plant.htm)

### OTHER SITES:

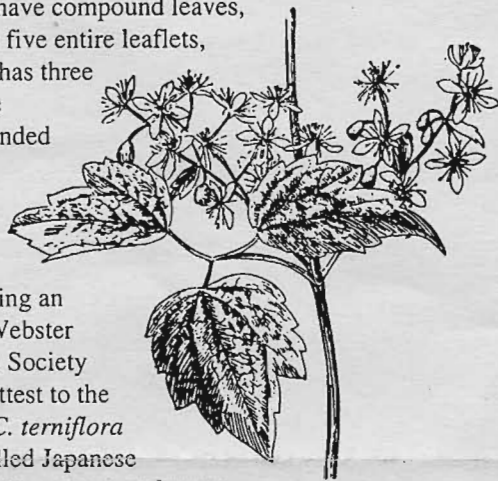
KCWildlands: [www.kcwildlands.org](http://www.kcwildlands.org)  
Grow Native!: [www.grownative.org](http://www.grownative.org)



## Tidbits

### CLEMATIS WARNING

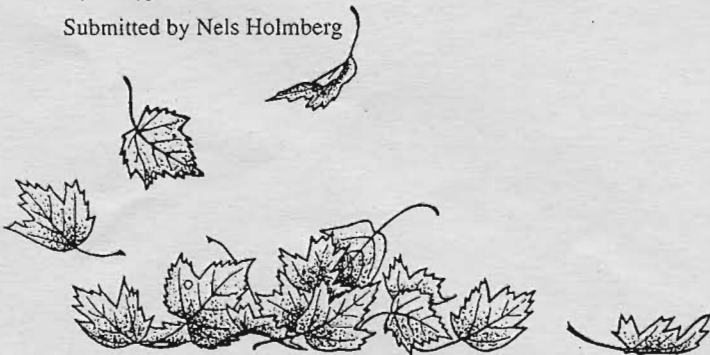
Thanks to the "Questions & Answers" section of the Georgia Native Plant Society's January 2002 *Nativescape* newsletter, for these interesting comments. A reader had been offered a plant called sweet autumn clematis from a neighbor's yard, and wondered if the plant was native. The answer was that "sweet autumn clematis" most often refers to a non-native vine, *Clematis terniflora*, which was introduced from Japan. The native *Clematis virginiana* (also occurs in Missouri), is very similar and at first glance resembles the non-native plant. The two species both are profuse bloomers and bear fragrant clusters of creamy, white flowers. Some differences exist in the flowers, but the easiest way to identify the plants is by the leaf structure. Both have compound leaves, but *C. terniflora* has five entire leaflets, while *C. virginiana* has three toothed leaflets. The newsletter recommended planting the native, rather than the non-native species, which is a prolific spreader and becoming an invasive pest. The Webster Goves Nature Study Society Botany Group can attest to the latter, where a few *C. terniflora* (more accurately called Japanese virgin's bower), plants seen several years ago in a proposed St. Louis County park site, have now mushroomed to an area probably at least 50 feet in diameter.



### NEW DRUG SOURCE

We often hear the discovery of new drugs cited as a reason humans should be protecting all species living on the earth. Well, it has happened again. Peptides produced a fungus living within the tissue of *Kennedia nigriscans* (snakevine) show activity against cancer, tuberculosis and the malaria parasite. *Kennedia nigriscans* is an Australian native plant in the bean family, which had been used by Australian aborigines as a wound dressing. [Castillo *et al.*, *Microbiology* 148, 2675 (2002)].

Submitted by Nels Holmberg



### NON-NATIVE EARTHWORMS MAY BE WIPING OUT RARE PLANTS

Most of us don't pay much attention to earthworms but maybe we should. New research suggests that non-native earthworms are radically changing the forest floor in the northern U.S., threatening the goblin fern and other rare plants in the process.

This is "the first research to show that exotic earthworms are harmful to rare native vegetation in northern forests," says Michael Gundale of Michigan Technological University in Houghton, who presents this work in the December issue of *Conservation Biology*.

About 10,000 years ago, glaciers pushed the range of North American earthworms southward, and today the only earthworms found in most of Minnesota are non-native species introduced from Europe. Some of these earthworms eat the top part of the soil (a layer of decomposing litter called the forest floor) and this could endanger the goblin fern, a rare species that grows mostly underground.

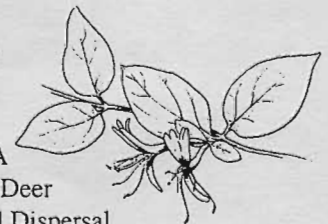
To see if non-native earthworms are wiping out goblin ferns by eating the forest floor, Gundale studied 28 sites where populations of the fern had previously been found in northern Minnesota's Chippewa National Forest. He surveyed each site for both goblin ferns and earthworms, and took soil cores to measure the depth of the forest floor. Gundale found that the fern had disappeared at a third of the sites studied.

To confirm that this non-native earthworm can make the forest floor thinner, Gundale added large quantities of the worm to soil cores in the laboratory. He found that after 60 days, the forest floor was only half as thick as it had been.

Submitted by Tim Smith

### DEER LOVE HONEYSUCKLE

From a 2002 research note in Vol. 22(3): 230-234 of the *Natural Areas Journal* by Mark Velland "A Pest and an Invader: White-tailed Deer (*Odocoileus virginianus*) as a Seed Dispersal Agent for Honeysuckle Shrubs (*Lonicera*)" comes yet another reason to control deer populations.



Velland collected deer pellet groups from five mature hardwood forest stands by Ithaca, NY. He found *Lonicera* seeds (there weren't any native *Lonicera* growing in these forests) in 66 of 72 pellet groups. He observed a 76% germination rate of the seeds he extracted from the pellets relative to a 81% germination rate for "fresh-collected seeds." The average number of seeds per pellet across all five sites was 62, with a high mean of 334 +/- 165 at one site from seven pellets groups collected in July. Perhaps some of you have observed this too, but Velland observed seedlings growing from pellets in the field. The article gives estimates from "rough calculations" for relative quantities of seeds dispersed by deer as opposed to birds, and dispersal distances.

Submitted by Ann Earley

# Notes from the North American Prairie Conference

By Nels Holmberg

The 18th North American Prairie Conference was held in Kirksville, MO June 23-27, 2002. There were several presentations on Missouri Plants by local people.

**Pieter Los** of UM-Columbia used narrow strips of switch grass (*Panicum virgatum*) and eastern gamma grass (*Tripsacum dactyloides*) as erosion and herbicide runoff control as alternative to terraces or wide strips of cool season grasses.

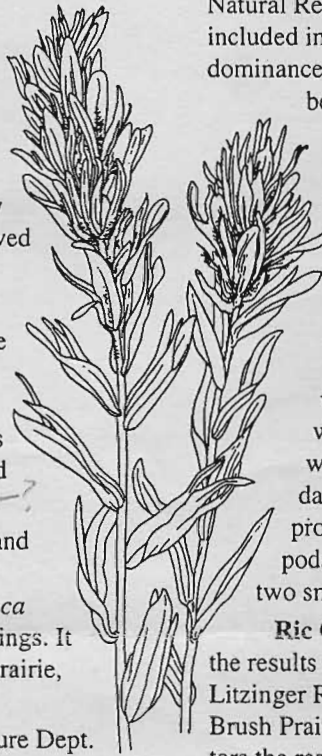
**Christopher Hilker** of the University of Northern Iowa studied the genetic variation within native Iowa populations of switch grass (*Panicum virgatum*) and stiff coreopsis (*Coreopsis palmata*). He found that there was more diversity in populations of switch grass (thus there had been more gene flow) and no gene flow from cultivated switch grass. Stiff coreopsis showed both less variation and less gene flow.

**Larry Rizzo** of the Missouri Department of Conservation talked about prairie restoration (tree removal) in an urban (Kansas City) setting. He justified the change to the (skeptical) local community by appealing to their emotions: the results are beautiful, the prairie is part of our cultural and natural heritage, and it is the right thing to do.

**Nadia Naverrete-Tindall, Larry Mechlin** and others from MDC and the USDA Forest Service recommend the native grass cluster fescue (*Festuca paradoxa*) as cool season addition to native plantings. It did well in 0 to 80% shade, so would fit well in prairie, savanna and right-of-way plantings.

**Jyotsna Sharma** and others of the Horticulture Dept. of UM-Columbia studied the western prairie orchid (*Platanthera praeclara*). They found that it was pollinated by a moth with a 35 mm tongue, which moved the pollen on its eyebrows. Its seeds would not germinate and thrive without mycorrhizal fungus. Three different fungi worked, but the fungus obtained from mature plants would not.

**Andy Thomas and Gregg Galbraith** of the Ozark Regional Land Trust told the special arrangements the trust used to acquire the 40 acre Woods Prairie near Mt. Vernon, MO, and how they now raise almost \$4,000.00 per year from volunteer harvested seed from the prairie.



**Mike Arduser**, Natural History Biologist at Bush Conservation Area, has surveyed bees on 35 prairie sites. Nearly 200 species were found on the prairies, with most also found in other communities and habitats. Differences were noted between the species found in upland, bottomland and sand prairies.

**Richard Henderson** of Wisconsin Department of Natural Resources proposed that certain plants might be included in prairie restorations to reduce warm-season grass dominance. These include *Pedicularis canadensis* (wood-betony), *Comandra umbellata* (bastard toadflax), *Galium boreale* (northern bedstraw), *Castilleja* (paintbrush) species, *Antennaria* (pussy-toe) species, *Helianthus* (sunflower) species, and possibly *Coreopsis palmata* (stiff coreopsis). These may act by semi-parasitism and chemical warfare.

**Andrew Williams**, of the University of Wisconsin, studied seed herbivory of *Asclepias viridiflora* (green milkweed) by the larva of a weevil, *Rhyssomatus lineaticollis*. Although the weevil appeared to devastate the seed crop, when damage was actually measured 39% of the plants produced at least some seed, while only 33% of the pods were totally destroyed. The survey was done at two small strips of prairie along highways.

**Ric Clinebell** of the Missouri Botanical Garden present the results of three year study of the pollinators found at the Litzinger Road Ecology Center restored prairie plot and Paint Brush Prairie Conservation Area. He found so many pollinators the results could not be summarized in one sentence.

**Scott Woodbury** of Shaw Nature Reserve and **John Bell** of the Henry Shaw Ozark Corridor Foundation reported of the prairie planting projects along Corridor highways. A collaboration of eight organizations (including MONPS) meets quarterly with the Missouri Department of Transportation. Prairie plantings have been made on 25 acres and 33 more are scheduled soon. The goals of these plantings: reduce mowing costs (currently \$22 million statewide on 350,000 acres), reduce erosion due to storm water runoff, enhance beautification and the potential for increased tourism, and increase air quality and wildlife habitat.

## 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  
 Jefferson City ..... \$5.00  
 Kansas City ..... \$5.00  
 Osage Plains ..... .00  
 St. Louis ..... \$5.00

(Circle all that apply)

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

Make check payable to: Missouri Native Plant Society

Mail to: Missouri Native Plant Society  
 PO Box 20073, St. Louis, MO 63144-0073

Name \_\_\_\_\_  
 Street \_\_\_\_\_  
 City, State \_\_\_\_\_  
 9 digit Zip \_\_\_\_\_ Phone \_\_\_\_\_  
 e-mail \_\_\_\_\_

Vol. 18 #1  
January – February 2003

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## Inside This Issue

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**Missouri Native Plant Society**  
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**St. Louis, MO 63144-0073**

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### PRESIDENT

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

### VICE-PRESIDENT

Jay Raveill  
Biology Department  
Central MO State University  
Warrensburg, MO 64093  
660-543-8812 (w)  
jar8812@cmsu2.cmsu.edu

### SECRETARY

Kimberlie McCue  
MO Botanical Garden  
PO Box 299  
St. Louis, MO 63166  
314-577-9497  
kimberlie.mccue@mobot.org

### TREASURER

Keet Kopecky  
Biology Department  
500 Longview Road  
Lee's Summit, MO 64081  
816-672-2353 (w)  
keet.kopecky@kcmetro.edu

### IMMEDIATE PAST PRESIDENT

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

### BOARD MEMBERS

Pam Haverland ('02-'05)  
6901 Ginlet Lane  
Columbia, MO 65201  
573-443-2189  
pamela\_haverland@usgs.gov

Paul McKenzie ('00-'03)  
2311 Grandview Circle  
Columbia, MO 65203  
573-445-3019  
paul\_mckenzie@fws.gov

Robin Kennedy ('02-'05)  
300 Westwood Ave.  
Columbia, MO 65203  
573-443-5625  
KennedyR@missouri.edu

John Oliver ('01-'04)  
4861 Gatesbury Dr.  
St. Louis, MO 63128  
314-487-5924  
joliver02@earthlink.net

Bruce Schuette ('01-'04)  
678 St. Rt. 147  
Troy, MO 63379  
636-528-7247 (w)  
baessch@nothnbut.net

Max Towler ('02-'03)  
7906 Hwy 23 N  
Eureka Springs, AR 72631  
501-253-8137

### ARCHIVES

George Yatskievych  
See *Missouriensis*

### ENV. AND EDUC.

John Oliver  
(see board members)

### FIELD BOTANY

Tim Smith  
1704 W. Main  
Jefferson City, MO 65109  
573-635-8085  
smitht2@  
mail.conservation.state.mo.us

### MEMBERSHIP

Ann Earley  
1425 Bobolink Pl.  
St. Louis, MO 63144-1128  
314-963-0103  
aee623@prodigy.net

### PUBLICITY

Vacant

### MISSOURIENSIS, CO-EDITORS

George Yatskievych  
MO Botanical Garden  
PO Box 299  
St. Louis, MO 63166  
314-577-9522 (w)  
george.yatskievych@mobot.org

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

### PETAL PUSHER, EDITOR

Betty Walters  
413-B Hanna Road  
Ballwin, MO 63021  
636-527-4194  
bettyluvsinsects@yahoo.com

### EDITORIAL COMM.

David Castaner  
Paul Redfeam  
Tim Smith  
Stephen L. Timme

### CHAPTER REPRESENTATIVES

**COLUMBIA**  
Pam Haverland  
(see board members)

### JEFFERSON CITY

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

### KANSAS CITY

Daniel Rice  
815 W. 31st St.  
Independence, MO 64055  
816-461-0206  
Drice95875@aol.com

### OSAGE PLAINS

Beth Walker  
106 E Clinton St.  
Clinton, MO 64735-2124  
bcwalker01@earthlink.net

### ST. LOUIS

Nels Holmberg  
530 W. Whiskey Creek Rd.  
Washington, MO 63090  
636-583-4551  
nholmbrg@fidnet.com