

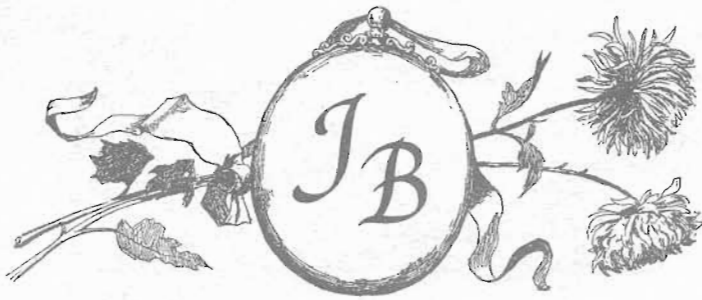
Missouri Native Plant Society

July

- 7 Sat., 9:00 am Clinton **Field Trip.** Meet at the Henry County Library parking lot. Destination to be determined.
- 9 Mon., 7:00 PM Columbia **Chapter Meeting.** Topic to be announced. Held at US Geological Survey, Environmental Research Center, 4200 New Haven Road, Columbia.
- 14 Sat., 9:00 AM St. Louis **Field Trip to Iron Mountain Lake** led by Pat Grace. Meet at South County Shopping Center, Dobbs Tire Center at 9:00 AM or at Iron Mountain Lake at 10:30 AM For more info call Pat Grace at 314-961-2511.
- 20 Fri., 6:00 PM Kansas City **Tour of the Brush Creek Discovery Center Gardens** and then dinner at an air-conditioned restaurant on the Plaza or Westport. Meet at the Discovery center, Rockhill Road and Volker Blvd.
- 25 Wed., 7:30 PM St. Louis **Chapter Meeting.** Topic & meeting place to be announced.
- 28 Sat., 9:00 am Clinton **Field Trip.** Meet at the Henry County Library parking lot. 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. Send e-mail to pahanis@mac.com
- 11 Sat., 9:00 am Clinton **Field Trip.** Meet at the Henry County Library parking lot. Destination to be determined.
- 20 Mon., 7:00 PM Clinton **Chapter Meeting.** Topic to be announced. Held in the basement of the Henry County Courthouse.
- 22 Wed., 7:30 PM St. Louis **Chapter Meeting.** Topic & meeting place to be announced.
- 25 Sat., 9:00 am Clinton **Field Trip.** Meet at the Henry County Library parking lot. Destination to be determined.
- 25 Sat., 9:00 AM Kansas City **Field Trip to Osage County, KS** to see the *Leavenworth Eyrngo* and the prairie planting at Melvern Lake. Led by Dave Alburty. Bring lunch and water. Call Dave for meeting place 816-619-3375.



James L. Bogler — In Memoriam

by Jack H. Harris

The Society suffered a great loss when Jim Bogler passed away on 23 May 2001 at the age of 54. Jim had been an active member for many years and acted in a variety of leadership roles.

At the Society – State level, Jim was a member of the board of directors, the Society Archivist, the Coordinator for the Mark Twain National Forest Task Force, a past St. Louis Chapter representative to the State board, worked on the production of three educational native wildflower slide programs, and participated in the design, development and administration of “Wear the Coneflower” program. Recently he was also appointed to the post of chairman of the Nominating Committee.

Jim was the President of the St. Louis Chapter (January 1992 to June 1995) and presided over many Chapter meetings and led many Chapter field trips over the years. He made a special effort to greet and welcome new members while on field trips and at Chapter meetings.

His native plant interests were not bounded by an avid amateur standing. He frequently attended technical botanical symposia and conferences produced by academic and professional organizations. And Jim occasionally acted as the Society representative by hosting our exhibit booth at those conferences.

Jim was also active in the community at large and offered his comments and proposals – critical or constructive as the occasion warranted – whenever he felt that government agencies or private developments did not give adequate consideration to the well being of our native flora and its habitat. In this regard Jim’s botanical knowledge and technical writing capability were known to various local environmental organizations who often called on him for assistance.

In recognition of his multidimensional contributions to the public awareness of our botanical heritage and to the Society, Jim received the Society Service Award in 1999.

Memorials may be made to Missouri Native Plant Society, P.O. Box 20073, St. Louis, MO 63144-0073.

Chapter News

Hawthorn Chapter — The first meeting of 2001 was on January 8. Announcements include the Program Committee membership (Chris Angelo, Jim Whitley, and Allen Thiher). The Officers and the Field Trip Committee membership will stay the same. The Hawthorn Chapter has become an affiliated member of the Boone County Smart Growth Coalition, Randal Clark will be our representative. The evening presentation was given by Esther Stroh, an ecologist with the US Geological Survey’s Northern Prairie Wildlife Research Center. Esther described her dissertation research on white camas. White camas occurs only on north facing slopes of dolomite bluffs along a section of the Jack’s Fork River. She is studying the demographics, habitat requirements, and genetic diversity of the species which is considered endangered in Missouri. White camas is common in north central states in meadows near prairie wetlands. The Missouri population is genetic different from populations in Wisconsin, Michigan, and North Carolina.

February 12 was the first workshop of 2001. Ann Wakeman conducted her seed propagation workshop. It is always a successful workshop. Ann provided the pots, seeds, soil and makers. The Wild Ones group in Columbia joined the Hawthorn Chapter in this workshop. Ann provide information on germinating native seeds.

The March meeting speaker was Jeff Barrow, president of the Greenbelt Coalition of Mid-Missouri. Jeff talked about the Coalition’s work in protecting the Hinkson Valley Preserve—50 acres near the University of Missouri’s Dunn-Palmer Herbarium. The Preserve was in trust to the Nature Conservancy which transferred rights to the Coalition in 1999. The property is being maintained as a natural area especially for native grasses. A plant inventory has been completed and is on file with Boone County. The City of Columbia is building a trail through the Preserve and will connect trails from Grindstone and Capen Parks to trails through the University property and eventually to the MKT trail.

A field trip to Hinkson Valley Preserve was conducted by Mike Leahy, Missouri Department of Conservation, on March 31. Participants got a first-hand look at the property Jeff Barrow described at the March meeting.

April is field trip and Earth Day month for the Hawthorn Chapter. The Hawthorn Chapter will join the Columbia Audubon and Columbia Wild Ones to the Wildflowers and Warblers Field Day at Sandra Kubal’s farm on April 28. The Hawthorn Chapter will participate in the Columbia Earth Day festival on April 22 and will host the April MONPS Board meeting April 20-21.

Kansas City—The Kansas City Chapter has had two meetings and one field trip in 2001. Our first meeting was on 17 January, and was a field trip planning meeting. We have 8 field trips planned for the year, plus plant sales at Powell Gardens and the Lakeside Nature Center. The meeting also was the time of our annual election of officers. Sue Hollis will

now lead the Chapter as President, Dave Alburty will remain as Vice-President, Ed O'Donnell continues as Treasurer, and Carol Pranulis will stay on as Secretary. I have agreed to continue as State Representative, and George Scheil will continue his great job as Newsletter Editor. I also updated the Chapter on the events scheduled for the new KC Wildlands, an effort to conserve, protect, and restore native areas located within the Kansas City Metropolitan area. This is an effort conceived by the Missouri Department of Conservation and The Nature Conservancy of Missouri. The Kansas City Chapter voted to be a partner in the organization.

The March 21, 2001 meeting was also a planning meeting. We firmed up field trip dates and also plant sale dates and times. Our first plant sale will be 21 April 2001 at Lakeside Nature Center. We were asked to join the Nature Center in their Earth Day celebration. This is not only a fund-raiser, but it will also be an opportunity to educate those attending about native plants and their uses. We also will be selling plants at the annual Powell Gardens Springfest, May 4, 5, and 6. This is our main fund-raiser for the year. All of our plants come from Merv Wallace, to whom we give a big "thank you."

The first field trip of the year was on Saturday, 7 April. It was an afternoon walk down the trails behind the Lakeside Nature Center in Swope Park. The winter being as cool as it was, few spring ephemerals were actually in bloom, but we did find two species of Dogtooth violet (white and prairie), bloodroot, false rue anemone, and spring beauty. We will be returning to the site again this year, as we have agreed to do a plant inventory for the Nature Center.

If you have any questions please telephone or e-mail Dan Rice at the address on the back. Have a great Spring!

Osage Plains — Election results:

President – Beth Walker
Vice President – David Lindell
Secretary/Treasurer – Carolyn Henzlick
Program Chairman – Jerry Payne
Chapter Representative – Marlene Miller

We did not have a meeting in January. We resumed our monthly meetings on February 19. Our program was wildlife management on private lands by Cathy Cooper, Private Lands Coordinator, MDC. The next meeting was March 19. We had the video *Alley Cropping* with questions answered by Carroll Chancellor and Earl Williams. Walter Moser shared his close-up of a poinsettia and Carroll Eaglesfield showed beautiful slides of spring flowers. Our April meeting was the 16th. Peter Nichols, who is an archeologist, spoke on new world and old world plants, both cultivated and native. It was very interesting to think about where things really originated. We donated \$5 a family to our treasury for postage, meeting notices, etc.

The spring wild flowers have been beautiful due to good spring rains and warm temperatures. Rain has been a real deterrent for our scheduled field trips. Our old Artesian Park in Clinton has a good habitat variety with lots of plant

diversity. Some of these early ones include buttercups, spring beauties, false garlic, bluets, speedwell, henbit, and red dead nettle. Clean up of the area has begun with the help of heavy machinery to clean out dumped refrigerators, sofas, etc. Saturday April 21 is the day set for lots of help from volunteers with shovels, axes, trimmers, etc. The town hopes to restore this as a wild area with a small lake for fishing. We have discussed taking a small area and planting native species with identifiers similar to what has been done at some rest areas on our highways.

We are regularly seeing 18-22 at our meetings and are discussing the adequacy of our meeting place. Discussion to be continued.

Several of the members asked that Marlene take one item to the Board of Directors. Since most of us are educationally challenged in botany, they would like to see some line drawings or similar illustrations included with the articles in the *Missouriensis*.

St. Louis — Election results:

President – George Yatskievych
Vice President – John Oliver
Secretary – Jane Walker
Treasurer – Mary Smidt
Chapter Representative – Nels Holmberg

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.

Joe Alburty, Fairway, KS
Alan Branbager, Odessa
Vance Clearwater, Columbia
Sharron Gough, Stockton
William Gresham, Kansas City
Bob Grinstead, Edwardsville, IL
Ted Heisel, St Louis
John Hensley, Independence
Colleen Janes, Lee Summit
Lisa LaCombe, Adrian
Mrs William Neuhauser, Kansas City
Larry & Robin O'Donnell, Kansas City
Lishu Qu, St Louis
Chris Reeves, Linn Creek
Stacy Rozier, Manchester
Jim & Marge Ruschill, Eureka
Kathleen Wood, St Louis



Quarterly Board Meeting Highlights

April 21, 2001

President Jack Harris 13 board members and 7 guests met at the Dunn-Palmer Herbarium, Columbia, MO.

Treasurer's Report: None.

Membership: Ann Earley reported that new memberships and renewals were slow at this time.

Media/Publications

Missouriensis: George Yatskievych reported that there was some trouble getting the last issue mailed. He is collecting articles for the next issue. Marlene Miller had a request from the Osage Plains Group asking that line drawings be used to help understand the more technical aspects of some of the articles. George responded that the authors had the responsibility to provide graphics or illustrations.

Sue Hollis asked that the Linda Hall Library be added to the mailing list.

MONPS Web Page: Robin Kennedy reported that there was now a link to the Kansas City Chapter's web site and the Exotic Invasive Species web site. Brad Harris sent a revised membership page to Robin and it is now on line. When sending in photos for our web site, please send along the following: Name of plant, photographer's name, date it was taken and place or habitat.

Flora of Missouri Atlas Project: George Yatskievych received a copy of the Atlas from Paul Brunell.

Committee & Task Force Reports

Noxious Weed / Invasive Exotic Species: Tim Smith reported there is a bill in the Legislature to designate kudzu & both teasels noxious weeds. Paul McKenzie said that he heard that the organism to control musk thistle in Michigan had spread to some natives. Tim said that there was a lot of testing on the organism to control purple loosestrife. It was found it could harm some natives, but they decided to use it anyway.

Jack Harris said MONPS had received an email asking if the board had discussed the selling of natives by Walmart, etc. Sue Hollis answered the email. John Oliver said that at Lowe's there aren't any labels on the plants describing their origin. Marlene Miller commented that the Walmart near them expanded their sale of plants and herbs.

Native Plant Society members need to keep trying to educate the public about the benefits of buying native plants. And we need to educate the nurseries about the need to buy from ethical growers.

Old Business

MONPS Election: Jim Bogler, chair of the Nominating Committee announced they had nominees for all offices. Dan Rice, chair of the Ballot Committee declared since there were no contested offices, all nominees are elected by acclamation.

Awards Committee: George Yatskievych reported there would be four awards given this year and requested a check for payment of the plaques. It was Moved, Seconded &

Carried (MSC) to have a check written for the purchase of the award plaques.

Insurance: No formal action was taken on the liability insurance question at this time. Kim McCue will advise Mr. Halpern of our decision. Jack Harris thanked Kim for all the work she did on this subject.

Wildflower Big Day: Paul McKenzie expanded on his idea of a Big Day Fund-raiser. We would have to have a form where people who are willing could stipulate how much they would donate for each plant identified in a 24 hour period. Or it could be a weekend, or maybe from 7:00 am to 5:00 pm. We could have teams, maybe set up by Chapter or people in a county. We would be able to have fun while raising money. The money raised could be used to send a kid to camp. Sue Hollis suggested that we need a committee to find out about camps. The Chapter reps should ask their Chapters if they would be interested in participating.

Plant Identification Workshops: Paul McKenzie's grass workshop the previous evening was a great success. We would like to expand this to other subjects across the state. George Yatskievych suggested that we could devote Saturday of a Board Meeting weekend to a workshop either indoors or outdoors. Another suggestions was a classroom ID workshop on the evening before or Saturday morning with plant specimens or slides, then use that info on a field trip. We would have to have it coordinated with the area and time of year. An article can go in the *Petal Pusher* asking members what kind of workshops they would like to see offered.

New Business

Schedule for September Board Meeting & Field Trip: It was agreed to change the date to September 14-16.

Native Plants Workshop at Meramec Community College: A series of continuing education workshops were offered during the Spring semester. The Wildflower workshop conducted by Nels Holmberg had the most registrants. A suggestion was made that maybe a workshop could be offered to Homeschoolers on a weekday.

Conservation Focus: Jack Harris attended and reported that this was the 2nd one held. 75-80 participants from 46 organizations attended.

CARA revisited: Letters are again requested in support of a new CARA.

Honoraria MONPS: What is the MONPS policy of offering honoraria to speakers at the evening meeting for MONPS board weekends? Robin Kennedy checked her *Petal Pushers* and came up with the answer. In April 1998 the board agreed to spend up to \$75.00 for the speaker at the 1998 Annual Meeting. It was MSC to spend up to \$75.00 for the speaker at the June 2001 Board Meeting. The policy question is to be addressed at the December meeting.

Industrial/Commercial Development/Salvage Policy: Jack Harris asked the Board if we want to request a full EIS and the opportunity for public comment for the Holnam Cement Project being developed in Ste. Genevieve County. It

was MSC to take a positive position on both. Jack Harris & John Oliver will work on a letter.

George suggested that we need a salvage policy. The Chapter Reps should talk to the Chapters about doing salvages along highway construction areas (before they start) and other areas that are being developed.

This question came up: When the Chapter Reps take questions back to their Chapters, where do these surveys come back to the Board? We need to make sure these matters are readdressed

Equal Protection for Plants: The California NPS wants legislation for equal protection for plants. The following discussion took place.

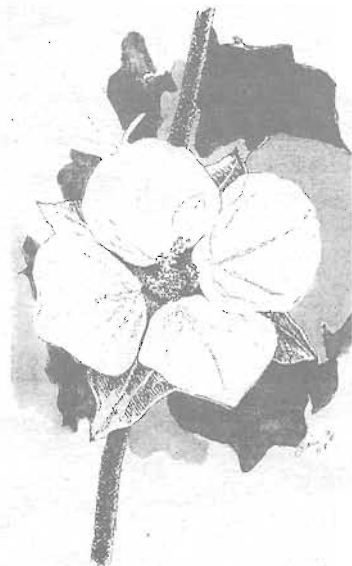
Kim McCue: This is an opportunity to up the status of protection for plants. It would create a greater awareness. The potential good outweighs the bad.

Sue Hollis: Landowners need to know that their land cannot be taken from them if they have listed plants growing on it. Plants growing on the land belong to the landowners to do with what they please. Landowner's rights are to use their own land as they see fit.

Tim Smith: MDC gets more cooperation without threats.

George Yatskievych: They know of only one site for a certain federally protected plant. The landowner's decision to let scientists on his land to study the plant didn't lead to it being put on the federally threatened species list. There isn't any legal constraint on landowner even if a federally threatened plant is found on his land.

Grow Native!: Judy Allmon gave us an overview of the Grow Native! program sponsored by the Private Lands Services of the Missouri Department of Conservation.



Drawing by Jim Ziebol

New Orchid Record for Henry County

Finding a new plant is always a thrill to someone who spends time hunting for wild plants. If doesn't happen every day but when it occurs twice in one day, it is a day to remember. Several days ago, Ron Hamblin from the Mt. Zion neighborhood, called me saying he had grass pinks in bloom on the farm. I was immediately excited because this flower is a rare orchid in Missouri.

I arranged to meet Ron on his day off from work and he gave me a ride on his tractor nearly a mile to a corner of a hay field. And there they were! Dashes of bright pink contrasting with the green grass. An area, perhaps the size of a tennis court, contained many orchid plants in bloom. This orchid has the name *Calopogon oklahomensis* and the common name of grass pink was given to it because each plant has only one long narrow leaf like a blade of grass.



photo by jahar

Calopogon oklahomensis

Each flower, about an inch across, is longer than it is wide. There are three large sepals and three smaller petals all of a bright pink color. Two of the large pink sepals are mirror images and the third sepal is a different shape. The same situation is true for the smaller pink petals, with two them being mirror images and the third petal of a different shape and having a beard-like clump of hairs. The plant is about 10 inches tall.

Thus far it has been reported for only four counties,¹ all in southwestern Missouri. One of these is Pettis County and the other three are further south. Now we know it grows in Henry County, thanks to Ron Hamblin. The plant is also found in states to the south and east of Missouri.

While there Ron asked me to look at another plant growing near his house. He had been unable to find a name for it. After examining the plant I knew it was in the family Crassulaceae (the stonecrop family) but a new species for me. It keyed to *Sedum pulchellum* with the common name of widow's cross. It is uncommon in Missouri but has been

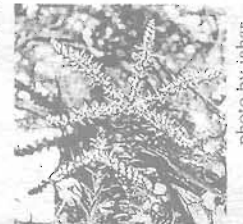


photo by jahar

Sedum pulchellum

reported from most of the counties in the southwest quarter of the state. It is more common further south. The plant is about eight inches tall with branches in a circle around the top on the stem. These branches vary in number from three to seven (five in my specimen) and curve outwards, giving the plant the shape of a miniature palm tree. The flowers and leaves resemble those on the common yellow varieties of stonecrop except that the flowers are light pink.

¹Editor's note: In George Yatskievych's 1999 Monocot *Flora of Missouri*, the range map for *Calopogon oklahomensis* shows it is now found in 6 counties.

Information was taken from an article by Carroll Eaglesfield printed in the May 29, 2001 *Clinton Daily Democrat*.

A Grand Outing of Many Events – April 20-22, 2001

By Jack H. Harris

In the lingo of project management technicians, an event is the dividing line between the end of one activity and the beginning of the next one. An event occupies no clock time and consumes no resources.

Thus the event that marked the end of the work-week and the beginning of the MONPS quarterly social, field trip and board meeting occurred at Pam Haverland's place just south of Columbia, MO on 20 April 2001. The word must have been leaked to the membership about Pam's reputation as a gracious host, her Home & Garden Magazine caliber home, and the fact that Robin Kennedy was to provide heavy duty assistance in the food preparation arena. Thirty two (32) members and friends didn't miss a minute of the offerings of tacos, fajitas, brownies, and beverages. Just to mention a sampling of the overall menu.

After stuffing on the-OOPs!, - - - delicately sampling the gourmet offerings, another event occurred. This was the transition from feeding the physical to infusing the intellect. Dr. Paul McKenzie conducted an ~ 90 minute grass identification workshop – occupying Pam's entire garage – and employing several microscopes and an overhead slide projector, plus a bundle of real live grass specimens. Twenty-four (24) grassy-eyed students later departed knowing much more about grasses than they ever suspected they would while they were "...delicately sampling the gourmet offerings."

The third event happened when a crowd of thirtyseven (37) convened to enjoy the Saturday field trip arranged by Tim Smith, the Society field trip coordinator, and led by Mike Leahy, Regional Biologist with the Missouri Department of Conservation. VIP visitors that joined us on this trip were Jim Rathert, Josh Rathert, Bill Davit, Joyce Davit, Carol Davit, Vance Clearwater and Ted O'Donnell.

Mike first led the group to explore the flora of the Hart's Creek Conservation Area approaching from the west and the KATY Trail. Mike pointed out a population of brightly blooming *Phlox bifida* ssp. *stellaria* (cleft phlox) hanging on



Phlox bifida ssp. *stellaria*

the side of the bluff along the KATY Trail. Entering the area along a small creek which emptied onto the flood plain of the Missouri River, the creek bottom was narrow, typical of containment by the very steep loess slopes that also helped form the Missouri River bluffs. A sampling of the list of plants observed includes: *Juglans cinerea* (butternut), *Allium*

tricoccum (wild leek), *Corydalis flavula* (pale corydalis), *Geum vernum* (spring avens), *Arisaema triphyllum* ssp. *triphyllum* (Jack-in-the-pulpit), *Ranunculus hispidus* var. *nitidus* (swamp buttercup), *Viola pubescens* (yellow violet), and the young leaves of *Lilium michiganense* (Turk's cap lily).

After returning to the cars and driving around to the east side of Hart's Creek area, Mike again led the group upstream along a small creek. Here the bottomland was broad, the slopes relatively low and populated with many wildflowers. Even the reptiles seemed to like the terrain better on this side as Jim Rathert discovered an Eastern Hog-nosed Snake. With an audience of the group, the snake could not resist performing its entire bag of tricks including coiling/rolling, flattening the head and neck, convulsions, gaping, and playing dead. With that entertainment ended, attention returned to field botany where some of the more unusual/colorful species noted were: *Trillium sessile* f. *viridiflorum* (wake robin), *Collinsia verna* (blue-eyed Mary), *Diplazium pycnocarpon* (narrow-leaved spleenwort) – compared to *Polystichum acrostichoides* (Christmas fern), *Caulophyllum thalictroides* (blue cohosh) and *Hydrastis canadensis* (goldenseal). Since high noon had passed, Mike declared a lunch break with instructions to reconvene at a different habitat, several miles north, at the Pinnacles.

The Pinnacles, noted primarily for its geologic formation, also had a good variety of species on display, including: *Staphylea trifolia* (American bladdernut), *Polemonium reptans* (Jacob's ladder) and *Hepatica nobilis* v. *acuta* (sharp-lobed hepatica). Another event had passed.

Having visited several different areas and observed many, many species, the field trip group headed back to Columbia for the evenings activities.

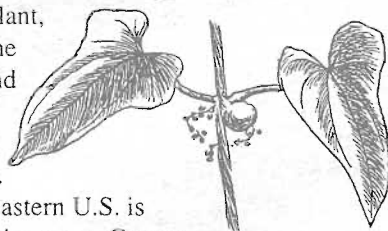
And then on Sunday morning, eleven (11) relentless field trippers incurred yet another event by gathering at Earthquake Hollow Conservation Area (which contains a designated Missouri Natural Area) to start another botany field trip. The access to this area is down a very steep incline leading to a creek and bottomland. While sliding down and clinging to tree trunks to retard the acceleration, the group noted *Oxalis violaceae* (violet wood sorrel) and *Phlox divaricata* (blue phlox). Signs of two orchids were seen: the winter leaves of *Aplectrum hyemale* (Adam & Eve orchid), and the pink buds of *Galearis spectabilis* (showy orchid). On more level terrain, *Botrychium virginianum* (rattlesnake fern), *Adiantum pedatum* (northern maidenhair fern), *Hydrastis canadensis* (golden seal), *T. flexipes* (white wake robin), and *Asplenium rhizophyllum* (walking fern). The effort to climb back out of the Hollow occupied the attention of the individuals to the degree that plants were no longer noted. And upon arriving back at the vehicles the final event for this weekend was realized.

We wish to express our sincere appreciation to Mike Leahy for spending Saturday with us and sharing his expertise and knowledge of our native flora and our natural heritage. And many thanks to Dr. Paul McKenzie whose students are sure to recall new insights when they hear someone say: "...it's just a grass."

TIDBITS 

ANOTHER "NASTY" ON THE WAY

Illinois Native Plant Society's May 2001 *Harbinger* newsletter warns of the Chinese yam (*Dioscorea oppositifolia*), also called cinnamon vine. The plant, which was introduced into the U.S. for ornamental value and potential food source from China, has rapid growth and is considered highly invasive.



Currently almost the entire eastern U.S. is infested and the plant is moving west. George Yatskievych's 1999 Monocot *Flora of Missouri*, which shows the species in numerous southern Missouri counties, indicates that the plants do not set fruit in Missouri, but are dispersed by means of edible, aerial tubers produced in the leaf axils.

BOTANICAL COMPETITION FOR VIAGRA

A recent full page ad in the Sunday Supplement section of the *St. Louis Post-Dispatch* trumpeted a herbal product called "Virile V," claiming to "boost sex drive" instantly, at 1/10th the cost of Viagra and not needing a prescription. The ad states that "the product's herbal formula is the result of years of research into human sexual function and contains a precise blend of the highest quality cutting edge pro-sexual nutrients from around the world, including *Tribulus terrestris*, *Avena sativa*, yohimbe extract and Androstenedione." Androstenedione is the controversial muscle builder taken by St. Louis Cardinal slugger, Mark McGwire during his home run record-breaking season. *Tribulus terrestris*, known as puncture vine, is a small, creeping plant noted for spiny fruits which can puncture tires and feet; Steyermark's *Flora of Missouri* also states that a photo-sensitizing agent can cause poisoning when the plant is eaten by sheep. *Avena sativa* is common oats, an important cereal crop, which Yatskievych's Monocot Flora says has gained popularity due to cholesterol-reducing ability. However, neither text mentions any "sexual" connections for these two plants. The "key" ingredient may be yohimbe, extracted from bark of the yohimbe tree and according to various Internet web sites, is reputed to have "aphrodisiac powers." The reader is left to his own imagination as to effectiveness of this product, which, nevertheless, is of interest from a botanical viewpoint.

Missouriensis Collection Available

Mr. Leonard Blake (98 years young) has been a loyal member of the Missouri Native Plant Society for many years. During that time he has been to many meetings, participated in many field trips and has saved his copies of *Missouriensis* - the Journal of the Missouri Native Plant Society. The collection includes copies of *Missouriensis* for the years 1984 - 2000. Leonard has offered to contribute his collection to an interested party.

If anyone should wish to inquire about this offer, please contact Mr. Marvin Boisseau 314-727-8353) or e-mail: WBoisseau@AOL.com



photo by jahar

Rudbeckia missouriensis

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 Plains00
 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: Donna Kennedy, Treasurer
 816 Samone Ct., Ballwin, MO 63021

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

Vol. 16 #4
July - August 2001

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- New Orchid for Henry County

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