May

5-7 Fri.-Sun. Kansas City

Powell Gardens Spring Festival and Plant Sale. The Kansas City Chapter will be selling plants from Missouri Wildflowers Nursery. This is a fun weekend, open to the public all day Saturday and Sunday. We need members to help sell plants as most of our budget comes from this sale. Contact Sue Hollis at 816-561-9419 or <ferngro@att.net>.

6 Sat., TBA Columbia

Hawthorn Chapter field trip to see the Shooting stars and other spring flora in Three Creeks. Call Paula Peters 573-474-4225, or Jim Whitley 573-442-6929 for more information.

8 Mon., 7:00 PM Columbia

Regular Hawthorn Chapter meeting at the Unitarian Church, 2615 Shepard Blvd. Topic to be announced. Call Paula Peters 573-474-4225 for more information.

13 Sat., 9:00 AM Kansas City

Kansas City Chapter field trip to Cliff Drive to see restoration work completed by Kansas City Wildlands. Meet at the Kansas City Museum, 3218 Gladstone Blvd, eastside, or contact Dan Rice <drice95875@aol.com>.

14 Sun., 1:00 PM Columbia

Hawthorn Chapter hike at Paris Fork, in Callaway County led by Ann Wakeman. Depart from Missouri Department Conservation office on College Avenue. Please do not park in the Paris Fork Church parking lot as this is Sunday and Mother’s Day. Call Paula Peters 573-474-4225, or Jim Whitley 573-442-6929 for more information.

15 Mon., 7:00 PM Clinton

Monte McQuillen, MDC wildlife management biologist, will present “Truman Lake Wetland Restorations,” a discussion about the recent wetland reconstruction along Truman Lake at the regular Osage Plains Chapter meeting held at the MDC Office in Clinton. Refreshments will be served.

17 Wed., 7:30 PM (**) St. Louis

Tara Herring, one of the winners of the 2005 MONPS Hudson Research Awards, will present “The Pollination Biology of Cypripedium parviflorum var. pubescens (Small Yellow Lady’s Slipper) in Missouri: Preliminary Findings,” St. Louis Chapter monthly meeting at Powder Valley Nature Center. (*Note change in our usual meeting night from the 4th to the 3rd Wednesday.*)

27 Sat., 9:00 AM Clinton

Osage Plains Chapter field trip to Wah Kon Tah Prairie to help survey Mead’s milk weed, an endangered plant in Missouri, with the Springfield Audubon Society and The Nature Conservancy volunteers. Meet at the WKT headquarters. For more information contact Emily Kathol at 660-885-6981.

June Calendar on Page 2
The recipient of the 2006 Hudson Award is Mr. John Atwood, a graduate student at the University of Missouri-St. Louis. John is interested in the taxonomy and biodiversity of mosses and will use his $500 award to help with field work on a small group of taxonomically interesting mosses, the Orthotrichum strangulum complex.

The Hudson committee (George Yatskievych, Paul McKenzie, Paul Redfearn) would like to thank all the excellent proposals that were submitted. Congratulations to John and best wishes to all of our applicants.

The H. Stanton Hudson Research Award is an annual competition sponsored by MONPS for a grant to assist a student at a college or university completing research that involves Missouri plants.

The award program was created in 2004 by friends and family of the late Stan Hudson to honor the memory of this tireless student of the Missouri flora, and 2006 is our second year of competition.
MONPS June Field Trips and State Board Meeting Itinerary

Peck Ranch Conservation Area, the site for our June meeting and field trips, is a large (ca. 23,000 ac), mostly forested area in northwest Carter County. The Headquarters building is indicated in the MDC atlas and is shown on an area map that can be downloaded from the MDC website at [http://www.mdc.mo.gov]. (Click on atlas, type in “Peck Ranch” for area name and then select area map or area brochure.) The area is about a 30 minute drive from Winona, 5 mi NE on Rt. H, then 7 mi E on a gravel road. The headquarters is about 3 more miles after you enter the area.

June 16 Fri., 7:00PM Peck Ranch Headquarters. Dan Drees, MDC Wildlife Management. Biologist, will present a program on the natural history and features of the Peck Ranch area.

June 17 Sat., 8:30AM Meet at Peck Ranch Area Headquarters for field trips to dolomite glades, igneous glades and other features on the area. Dan Drees will guide us to sites of interest on the area. We will break for lunch around mid-day, so bring a picnic lunch. We will be a long way from restaurants and grocery stores. In the afternoon, we will visit The Nature Conservancy’s Nancy B. Altvater Shut-In Mountain Fens in nearby Shannon County, a site for grass pink orchids and other rare species in several prairie fen communities.

June 17 Sat., 7:00PM State Board meeting at Peck Ranch Headquarters.

June 18 Sun., 8:30AM Meet at Peck Ranch Area Headquarters for trip to a pine restoration site on Mark Twain National Forest just E of Winona.

LODGING

Lodging is problematic for this meeting. There are few motels in the Peck Ranch area. Those at Eminence and Van Buren are some distance away and are likely to be expensive and/or full because of all of the summer tourist activities near the Scenic Riverways.

The most efficient lodging is to camp or stay in bunkhouse-style lodging at Peck Ranch. Camping is primitive, but showers are available at the bunkhouses. If you wish to stay in the bunkhouses, please contact Tim Smith at <Tim.Smith@mdc.mo.gov> or 573-522-4115, ext. 3200 to make reservations. There is no charge for this lodging, and we will bring food for a cookout Saturday night (side-dishes welcome!). Please bring sleeping bags or bedding for single beds, which are four to a room. If you are staying at Peck Ranch, remember to bring food to last from Friday night through Sunday morning.

Area Motels

**Eminence:** Rivers Edge Motel 573-226-3233, $99.00/night for double
Shady Lane Motel 573-226-3893, $45.00/single, $90.00/double

**Mountain View:** Honeysuckle Inn 417-934-1144, $54.95/double or single

**Van Buren:** The Landing & Rosecliff Lodge 573-323-8433, $99.00/single $119.00/double

From our State President...

**An Open Invitation to Participate in the Missouri Native Plant Society’s Activities**

When you read this, the spring field trip to Roaring River State Park will have already occurred. We will have seen many spring wildflowers and had many lively interactions with like-minded friends from the Society. As I write this, I am thinking about yellow trout lilies that bloom in the southwestern part of our state—ours in the St. Louis area come up white. I can imagine trillium, Dutchman’s breeches and all of the other beautiful spring wildflowers. They don’t have to be unusual to impress me. I simply enjoy the rebirth that comes with spring. I’m sorry if you missed this trip, but there will be others this year. I will report the field trip to you in the July-August Petal Pusher, and I hope your name is among those in the report.

We have a summer trip planned to Shannon and Carter counties in the Missouri Ozarks, and a fall trip to the northern edge of the Missouri boot-heel along the previous watercourse of the Mississippi River. At the summer trip, we will be privileged to have as our host Dan Drees, one of the most enthusiastic and dedicated land managers in the State. We’ll have the opportunity to visit unique areas in and around the Peck Ranch Conservation Area.

In addition to the statewide field trips, each of our chapters sponsors field trips and other activities closer to home giving us the opportunity to enjoy the native plants and, hopefully, spread the word to others. Plus there is always the opportunity to take a walk on our own or with family. I hope you all have the opportunity to avail yourselves of the activities provided by the Missouri Native Plant Society. It is through these activities that we will increase our enthusiasm and our respect for our native flora and influence others to enjoy and protect this remarkable Missouri resource.

**Rex Hill**
MONPS President

Society 2006 Field Trips and State Board Meetings
Summer Field Trip June 16-18: Peck Ranch, Mountain View, MO
Fall Field Trip September 22-24: SE Missouri Sites (Mingo NWR, Crowley’s Ridge), Dexter, MO
Winter Board Meeting December 2: Dunn-Palmer Herbarium, Columbia, MO
Society & Chapter Dues Are Due

By Ann Earley, Membership Chair

Membership renewals for the July 2006-June 2007 year are now due. Please check the top line of your mailing label. If it shows the date 20060630, your dues are now payable.

To renew, please look for the renewal envelope in this issue of the Petal Pusher.

Please remember to complete your contact information, and your society and chapter dues preferences.

If you have questions about your membership status, please contact me (see back page for contact information).

We value our members and urge you to renew today!

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 some of our upcoming meetings and field botany trips.

Bob Bader, Labadie
K. Andrew West, Puxico
Donna Brunet & Jim Gast, Columbia
Charlotte Twite, Peculiar
William & Julia Edwards, Mason, OH
Gay Brown, High Ridge
Larry Wegmann, Festus
Mary Weinstein, Columbia
Steven Buback, St. Louis

Distribution Manager Needed

As many of you may know, Nathan Pate, our Society’s newsletter distribution manager, will be moving out-of-state during August-September. As the manager works directly with the editor and other mailing party members located in the St. Louis area, we are seeking an applicant, preferably, from St. Louis County.

Duties are performed on a six per year basis, plus once for the Missouriensis as follows:

• Coordinate mailing party date, time, and location
• Pick up Petal Pusher/Missouriensis from printer
• Manually apply labels to newsletters (a team effort)
• Place labeled newsletters in six mailing boxes
• Complete one page submission form for post office
• Mail from Union Station Post Office, with check—post office personnel helpful
• Maintain the supply of tape, boxes and other mailing supplies
• Monitor account balance at the post office; replenish as required. The Missouri Native Plant Society treasurer reimburses all costs.

If you are interested in serving as the Petal Pusher distribution manager, please contact Betty Walters (see back page for contact information).

Call for Volunteer Biologists

BioBlitz IV at Jerry Smith Park and Saeger Woods Conservation Area

From 3:00pm on June 9th to 3:00pm June 10th, Kansas City WildLands will be conducting BioBlitz IV at Jerry Smith Park & Saeger Woods Conservation Area in South Kansas City, Missouri.

WildLands’ BioBlitz will bring together scientists and organizations from a wide range of disciplines to survey how many species of plant, fungi and animal life can be found in a twenty-four hour period. The ecosystems covered will include Jackson County’s sole remnant prairie. Scientists and naturalists from all disciplines are needed to conduct surveys.

If you are interested in joining the Kansas City WildLands BioBlitz contact Larry Rizzo, Missouri Department of Conservation at 816-655-6254, ext. 246, or <larry.rizzo@mdc.mo.gov>, or Linda Lehrbaum, KCWLDLands program coordinator, at 816-561-1061, ext. 116, <linda@bridgingthegap.org>. We have a special need for botanists on this site!

More information about the BioBlitz, Jerry Smith Park and BioBlitz on-line registration are available at [www.kcwildlands.org]. Please register by June 1.

Kansas City WildLands is an affiliate of Bridging the Gap.

Native Plant Field Day at UMC

Bradford Farm Is June 23rd

The University of Missouri’s Bradford Research and Extension Center in Columbia will be hosting a Native Plant Field Day on Friday, June 23rd from 9:00am to Noon.

Some activities included are educational walking and wagon tours to demonstrate uses of native plants for landscaping, wildlife habitat, ground cover, conservation, and seed production.

There will be native seed and seedlings for sale. The Hawthorn Chapter of the Native Plant Society will have books for sale.

For more information, contact Tim Reinbott or Thresa Chism at 573-884-7945, or Nadia Navarrete-Tindall <navarreten@missouri.edu>.
One Lucky Homeowner Will Win
Grow Native! Landscape Challenge
Submitted by Scott Woodbury

Does your outdoor space need an update? Do you like to watch birds and butterflies? Do you want to reduce maintenance? You’re in luck! Grow Native!, Shaw Nature Reserve and Wild Ones Natural Landscapers are looking for outdoor spaces that will benefit from landscaping with native plants.

One lucky homeowner will be selected for a native landscape makeover. The sponsors will provide the services of a professional native landscape designer and volunteers to install the landscape. The sponsors will also provide up to $1,500.00 worth of native plants and other landscape materials. The homeowner will prepare the site for planting. Planting date is Saturday, September 23, 2006.

To be eligible for the native landscape makeover, participants must
- own a home in an area with a zip code starting with 631
- agree to maintain planted area, keeping it free of weeds and problem insects such as mosquitoes
- agree to use only native plants in the project area
- agree to allow visits by project cooperators
- have a makeover area that is at least 12 feet by 12 feet
- prepare the site for planting prior to September 23, 2006
- be willing to be interviewed on camera
- be willing to have images of their project used in educational efforts of the project sponsors

To have a home considered for the native landscape makeover, completed applications must be returned to Shaw Nature Reserve, Attn: Scott Woodbury, PO Box 38, Gray Summit, MO 63039.

All entries must be postmarked no later than June 15, 2006. Applications are available at area nurseries, Powder Valley Conservation Center, Shaw Nature Reserve and online at [www.shawnature.org] and [www.grownative.org].

For additional information about this project, contact Barbara Fairchild or Betty Struckhoff at 573-522-4115, ext. 3833 or 314-966-8404, or Scott Woodbury at 636-451-0850, ext. 6078.

Apply today. You may be the lucky winner of a landscape makeover!

Is Spicebush a Tiny Red Avocado?
By Nadia Navarrete-Tindall

Well, sort of.

For those of you who are familiar with both, avocado (Persea americana) and spicebush (Lindera benzoin (L.) Blume) may find it interesting to know that both trees belong to the Lauraceae family and are very important sources of food for a variety of wildlife. However, while avocado is only found in tropical to subtropical climates (it was first introduced from Mexico in 1871 to Santa Barbara, California), spicebush and sassafras (Sassafras albidum), another member of the same family, can be naturally found in temperate and subtropical climates.

Avocado can reach up to 120 feet in natural areas, and spicebush can only reach 18 feet. Wild avocados provide important food and cover for the resplendent quetzal and other wildlife of Central America.

Spicebush and sassafras offer foliage for food and cover for caterpillars, especially the Spicebush caterpillar. Spicebush’s quarter-inch long fruits (or drupes) are showy bright-red and are consumed by birds and small mammals. Spicebush naturally grows in woodlands or forest openings usually in soil moist conditions. It can be planted under full sun to moderate shade in gardens. It can be easily grown from seed after a period of cold-moist-stratification or from cuttings collected in the summer. It is also available from local native plant nurseries in Missouri.

Rabbits and deer love spicebush so it is a good idea to protect seedlings until their top branch is out of their reach. I use tall tomato cages to protect our bushes.

In Missouri, we also have Lindera melissaeifolia or pondberry, which is a federally endangered species. Pondberry requires more shade, and it is much smaller than Spicebush, reaching up to six feet. In Missouri, pondberry is only found in Sands Pond Natural Area and Conservation Area in Ripley County.


Tidbits
Submitted by Don Kurz

The Illinois Nature Preserve Commission has updated its vegetation management guidelines for 2006, and it can be found online at [http://dnr.state.il.us/INPC/stewardship.htm].

As you may know, this information is an important resource for methods of controlling invasive species in natural areas and in other places on the landscape.
Shaw Nature Reserve 2006 Spring Wildflower Sale

Fourteen local nurseries will be selling the showiest and hardiest native plants for sun or shade—including a variety of native plants to attract birds and butterflies—at Shaw Nature Reserve’s 2006 Spring Wildflower Sale, Saturday, May 13, 9:00 a.m.-4:00 p.m.

In addition to numerous varieties of wildflowers, ferns, shrubs and trees for home landscaping, many native seeds and plants commonly found in Missouri’s prairies, wetlands, woodlands and savannas will be available for sale. All plants sold are nursery propagated, and not harvested from the wild.

For more information telephone Shaw Nature Reserve at 636-451-3512, or visit the reserve’s Spring Wildflower Plant Sale web page at [www.shawnature.org/nativeland/plantsale.aspx].

Shaw Nature Reserve is a division of the Missouri Botanical Garden and is located at Hwy 100 & I-44, Gray Summit, MO.

Take a Walk on the Wild Side!

The self-guided 2nd Annual Grow Wild Garden Tour is scheduled for Sunday, June 25th, 9:00 a.m.-3:00 p.m. Each garden showcases Missouri native plants, and experts will be on hand to answer questions and discuss the many benefits and joys of native plant gardening.

The eight gardens selected in the St. Louis area provide a variety of landscape styles—prairie, woodland, wildlife, pond and wetland. Gardens included in the tour are:

- The Green Center’s prairie and wetland, University City
- Nathan Pate’s lawn-free native plant garden, Ballwin
- Topping Rd. highway prairie, Town & Country
- Larry and Joan Hummel’s prairie and woodland, Rockwoods
- Maritz, Inc. tallgrass prairie, Fenton
- Betty Struckhoff’s woodland and dry creekbed, Des Peres
- Powder Valley Conservation Nature Center, Kirkwood
- Summit at Big Bend housing development, Kirkwood

Advance tickets are $10.00 (day of the tour, $15) and will be available only through the Green Center in University City.

For more information and to register for this tour, visit the Shaw Nature Reserve web site at [http://www.shawnature.org/events/GrowWild.aspx], or telephone the Green Center at 314-725-8314.

The St. Louis Grow Wild Garden Tour is sponsored by Shaw Nature Reserve, the Green Center and the Wild Ones Natural Landscapers.

Hawthorn Chapter Report

Submitted by Judy Turner, Chapter Representative

At our regular meeting in March, we were entertained and educated by Bob Clearwater of Fairfield Bay, Arkansas. Bob presented a photographic journey across the U.S. of native plants in bloom from the desert southwest, the rocky mountains, the southeast and the northeast. Bob’s son, Hawthorn member Vance, said, “He studies to learn what plants are most interesting, possibly rare, and then travels to wherever they are in bloom.’ Sounds like a great way to plan a vacation!

At our March business meeting we had a special election and elected Nadia Navarrete-Tindall as vice-president to fulfill the remainder of Chris Angelo’s term. Chris has done an outstanding job in that role for many years. We appreciate her efforts. Thanks, Chris!

In other chapter business, we voted to offer a $200 scholarship to a student to travel to the North American Prairie Conference in Kearney, Nebraska, to be held July 23-26, 2006. Nadia is working with the city to develop a restoration plan for the wetland area of the Forum Nature Area. As part of this plan, chapter members will participate in a city-sponsored Trailside Expo at the Nature Area in June.

Another chapter proposal to the city is for a Demonstration Garden to be planted in May adjacent to the Columbia Audubon Trailside Nature Center. Hawthorn members Ann Wakeman and Sandra Kubal have proposed a total of 139 native plants, with many of them being donated by chapter members.

Our chapter also participated in the Columbia spring BioBlitz, April 28-29; Wildflower/Tree walks on the various properties of the Columbia Audubon Society, April 9, April 16 and April 22.

Our first field trip in April was a visit to the Baskett Area to see the Service berry in bloom. We identified over 70 species of plants. There was enthusiastic support from the group to compile an inventory of the flora of the area. That will be an ongoing project!
Ozark’s Native Plant Society
Chapter Report

Submitted by Patricia French, Chapter Representative

During March, the Ozark’s hills were beginning to bloom with Amelanchier arborea, commonly known as Service berry. It is also known as Shadbush, and locals commonly call it Sarviss tree or Sarviss berry. Redbud was beginning to open blooms in some of the southern most areas.

Bill Summers presented a program entitled “Plants that Command Respect” at the chapter’s April 18th meeting.

The Ozark’s Native Plant Society Chapter’s June meeting will be held on the 20th and a presentation on ferns will be made by Melanie Carden-Jessen. All meetings begin at 6:00PM and are held at the Missouri Department of Conservation’s Ozark Regional Office, 551 Joe Jones Blvd., West Plains.

MONPS Websites

KANSAS CITY
www.angelfire.com/mo2/kcmonps/

COLUMBIA
http://columbianativeplants.missouri.org

SITES FOR MISSOURI BOTANY
Flora of Missouri Project:
http://ridgwaydb.mobot.org/mobot/missouri/

Atlas of Missouri Vascular Plants:

READER’S SITES OF INTEREST
GrowNative! Plant ID:
http://mdc.mo.gov/grownative/plantID

KCWildlands: www.kcwildlands.org

GrowNative!: www.grownative.org

National Plant Conservation Campaign:
www.cnps.org/NPCC

“**NEW** Native Plant School
www.shawnature.org/nativeland/NativePlantSchool.aspx

GARDENCLUBS

Federated Garden Clubs of Missouri, Inc.: www.federatedgardencubsomissouri.org

Mid-Central District: www.midcentralmo.com

St. Louis Chapter Report

Submitted by Martha Hill, Chapter Representative

On January 25th, David Schilling of Washington University’s Tyson Research Center gave a presentation titled “El Nino and My Visit the Desert Southwest.” David’s talk was very interesting as he explained the phenomenon of El Nino, and how it caused the rare bloom in the deserts of the southwest last year. His pictures were outstanding, and we were fortunate to see not only the panoramas, beautiful flowers, but also some excellent pictures of desert creatures.

In February, our guest speaker was Dr. Nevin Aspinwall of St. Louis University who brought in many orchid enthusiasts with his talk “The Conservation Biology of North American Cypripedium Orchids.”

With spring struggling to break through to bring us this year’s gardens and peeks at the earliest wildflowers, our speaker for March brought in a packed house. Chip Tynan from the Missouri Botanical Garden gave his talk “Bare Bones Gardening for Butterflies and Hummingbirds Using Native Plants.” His final slides brought many people to the edge of their seats with pictures of hummingbirds and the flowers they visit. Chip is a hummingbird enthusiast, and we enjoyed picking his brain for the plants that he feels are worth growing. We were joined in the audience by members from the St. Louis chapters of the Audubon Society and the North American Butterfly Association.

At the suggestion of Larry Morrison, in late March, after the spring blooming trees started showing some promise of color, Dr. George Yatskievych, our chapter president, led a trip to the boot-heel (south of Poplar Bluff) to see the increasingly rare Lindera melissifolia, commonly called Pondberry. With the help of John Oliver’s keen eye, both George and John showed the group several stands of this spicebush close relative.
Missouri Native Plant Society
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St. Louis, MO 63144-0073

ADDRESS SERVICE REQUESTED

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