

adult & family classes

at the Shaw Nature Reserve

On the Wagon

Enjoy the spring wildflowers with a narrated 3-mile tour aboard Shaw Nature Reserve's comfy Wilderness Wagon. Disembark at the Crescent Knoll scenic overlook and the historic Bascom House and Whitmire Wildflower Garden areas for guided walking tours. Then, "all aboard" for the return trip to your vehicle. Limited seating. Must pre-register.

Tuesday, May 19 or Tuesday, May 26
1 to 3 p.m.

SNR staff and volunteers
Meet at the Visitor Center
\$5 member, \$6 nonmember
(each adult or child)

Spring Peeper Musical

The Reserve's wetland attracts 1000's of frogs during the mating season. The thunderous chorus must be heard to be believed. Join a guide for this frantic frog festival of song. Bring flashlight to view frogs' light-reflecting throat sacks used to produce distinctive songs. Phone (636) 451-3512 ext. 6075 or email Helen. McCallie@mobot.org to get your name on the call list. For families with children 5 years and up.

Evenings, usually late February thru mid-March (It's up to the frogs and toads)
Meet at the Visitor Center
\$5 member, \$7 nonmember
(each child or adult)

Wilderness Wagon and Bus Tours

Enjoy the beauty of spring with a guided tour of Shaw Nature Reserve for your group. Reserve the Wilderness Wagon, an open-sided vehicle accommodating 28 people, or arrange for a tour on your bus. A naturalist will accompany you on a 3-mile ride through the Reserve and, if you wish, lead you on a short walk along one of the scenic trails. Our roads can accommodate buses with or without a guide. Fees vary. Call for prices. The wagon is available for the general public without reservations on Saturday and Sunday afternoons, May through June. Wagon and bus tours leave from the Visitor Center.

1-hour group tour
Weekdays or Saturday mornings
\$6 each (\$75 minimum)
45-minute general public tours
Saturday and Sunday afternoons
May 2 through June 28
1, 2, and 3 p.m.
\$1 plus general admission

Backyard Wildlife Habitat Building Project

Work in our woodshop assembling your choice of 3 out of 5 projects. Choose from Bluebird House, Squirrel Den, Wren House, Bird Feeder, or Butterfly House. Information provided for where to best place your completed projects. (Bring cordless drill if you have one) Indicate your 3 project choices on the registration form. For families with children 8 years and up.

Saturday, March 21
9 a.m. to noon
Jeff Smith
Meet at the Visitor Center
\$75 member per family (3 kits total),
\$85 nonmember
Additional kits available, \$15 each

Tale Travelers

Kids, gather your family, walking shoes, water bottle and backpack for an adventure-filled day at the Shaw Nature Reserve! Listen to nature stories, create cool crafts and explore the outdoors as "Tale Travelers." Come for an hour or stay all day. Activities are designed for children ages 3 to 12 but can be enjoyed by all.

Saturday, April 18
10 a.m. to 2 p.m.
Dana Brown Overnight Center area
Free, members and
children ages 12 and under
\$3 adults, \$2 seniors, nonmembers
RSVP at least one week in advance by
calling (636) 451-3512 ext. 6075

Rustic Garden Bench Workshop

Assemble your own rustic garden bench, based on environmentalist Aldo Leopold's design. Tools and materials provided. Bench pieces will be pre-cut and ready to sand and assemble with a cordless drill. Take home a free copy of the bench plans. For adults or families with children 10 years and up. If possible, bring a cordless drill.

Saturday, May 9
9 a.m. to noon
Jeff Smith
Meet at the Visitor Center
\$115 member, \$130 nonmember
(one bench per 1-2 persons)

family classes

at the Shaw Nature Reserve

ANTS— “Bugs” with Family Values

Join entomologist Dr. James Trager for an introduction to world and Missouri ant diversity and natural history, a discussion of invasive species, and outdoor observation of ants in their natural habitats. You may wish to bring a good hand lens (jeweler's loupe) if you have one. For adults and families with children age 12 and up.

Thursday, May 28
4 to 6:30 p.m.
James Trager
Meet at the Visitor Center
\$12 member, \$14 nonmember
(each adult or child)

First Time Fishing for Kids

Fishing is not normally allowed at the Reserve, but the Missouri Department of Conservation is teaming up with Shaw Nature Reserve to provide a special fishing experience for first time or inexperienced young anglers 6 to 12 years old. Equipment, bait and assistance will be provided. **At least one adult should attend for every two children. Fishing is for kids only.** Refreshments provided.

Saturday, June 6
9 to 11:30 a.m.
SNR and MDC
Meet at the Visitor Center
\$10 member's child,
\$12 nonmember's child
No charge for accompanying adults

Tom Sawyer Adventure Hike

Come spend the morning at Shaw Nature Reserve pretending to be Tom Sawyer. We will build a cane pole fishing rod, catch frogs, and hear stories about Tom Sawyer's adventures. Bib overalls and straw hats are optional. (Becky Thatcher is also invited). For families with children 8 years and up.

Saturday, June 6
9:30 a.m. to 12:30 p.m.
Tim Slape
Meet at the Visitor Center \$10 members,
\$12 nonmembers (each adult or child)

Nighttime Insect Safari

Explore the fascinating world of night-flying insects. Marvel at their diversity and adaptations as we lure these mysterious creatures with black lights. **This class is for adults and families with children 8 years and older.** Come prepared for moderate hiking and wear dark clothing.

Saturday, June 13
8:30 to 11 p.m.
James Trager
Meet at the Visitor Center
\$10 member, \$12 nonmember
(each adult or child)

Dog-Days Butterfly Ramble

The time to see the most butterflies is the hot summer days of July and August. Join entomologist Dr. James Trager in some of the best butterfly habitat at Shaw Nature Reserve. Learn about their relationships to their favorite flowers, the food plants of their caterpillars, their amazing migrations, and what happens during the winter to those that don't migrate. **For families with children 8 years and older.**

Saturday, July 25
8:30 to 11 a.m.
James Trager
Meet at the Visitor Center
\$10 member, \$12 nonmember



family self-guided opportunities at SNR

For those wanting to explore the Nature Reserve with your family using self-guided activities designed to enhance your visit, we offer a variety of trail activity guides, backpacks and adventure maps that can be picked up at the Visitor Center. Some fees may apply.

- Nature Explore Classroom (for ages 2–10)
- Little Acorn Trail (for ages 3–6)
- Wet and Wild, a lake study field guide (for ages 7–12)
- Family backpacks on birds
- Various trail guides and adventure maps

family classes

at the Shaw Nature Reserve

MDC DISCOVER nature FAMILIES

During your visit to Shaw Nature Reserve join us for some short informal activities that will be conducted between 9:30 a.m. and noon on the third Saturday during March, April, and May. Spend 5 minutes or a half hour with us. A program of the Missouri Department Conservation.

Looking for Spring in the Whitmire Wildflower Garden

Go on a scavenger hunt, look for signs of spring, see what nature babies you might find in the garden. Get directions at the Visitor Center.

Saturday, March 21
9:30 a.m. to noon

Tale Traveler

See page 25 for more information.

Saturday, April 18
10 a.m. to 2 p.m.

Wetlands are Wonderful

May is wetland month. Have you discovered the wetlands at Shaw Nature Reserve? Get directions at the Visitor Center.

Saturday, May 16
9:30 a.m. to noon



Garden Buds at Shaw Nature Reserve (ages 3–5)

Introduce your child to the wonder of Shaw Nature Reserve. Each 2½ hour class will include hands-on activities, a story, snack, and a craft. Sessions are limited to 10 children. To ensure the highest quality experience for all participants, each child must be accompanied by an adult, and children under the age limit will not be admitted.

9:30 a.m. to noon
Karen Bryan
Meet at Visitor Center

Three class series: \$50 (\$45 for members)
Individual Class: \$18 (\$16 for members)
Advance registration is required.

It Looks Like Spilled Milk

Spring weather can be a little crazy. Come join us as we look and learn about weather. We will take a look at different clouds and the wacky weather that is around us in the spring.

Tuesday, March 3

Tree Hokey-Pokey

Come and join us as we explore the trees here at Shaw Nature Reserve. We will discover the different parts of trees in a fun hands-on way.

Tuesday, April 7

Blooming Fun!

Journey along with us, as we explore the Whitmire Wildflower Garden. We will look for signs of spring and all the fun changes that take place in the Garden. You will be able to take a little bit of spring home with you.

Tuesday, May 5

snr registration

Please use registration form on page 37.
For questions, call (636) 451-3512.

overnight classes

at the Shaw Nature Reserve

GPS Your Way through Shaw Nature Reserve History



Learn to use a GPS (global positioning system) to locate landmarks and explore the Reserve's rich and diverse history. Bring your GPS unit or use one of ours to follow a set of way points. Accommodations dormitory style in historic log lodges. Breakfast included. (1 adult per 1 child) for children ages 8 and up. Map and list of what to bring sent prior to overnight.

Friday, March 27, 7 p.m.
to Saturday, March 28, 11 a.m.
Aileen Abbott
Dana Brown Overnight Center
\$ 50 member, \$57 nonmember
(each adult or child)

Father and Son Fish 'n' Float

Saturday, learn to maneuver and cast from a canoe. Sunday, ride a shuttle to Robertsville State Park for a guided canoe float and fishing trip down the Meramec River. Take out and shuttle back from Nature Reserve gravel bar. Sixteen years and up must have valid Missouri State Fishing License. **For fathers with sons 10 years to adult.** Lodging, equipment and meals provided. Map and personal needs list sent prior to program.

Saturday, May 16, 1 p.m. to
Sunday, May 17, 3 p.m.
Tim Slape
Dana Brown Overnight Center
\$55 member, \$65 nonmember
(each adult or child)

My First Overnight



Never been to an overnight at Shaw Nature Reserve? Now is your chance to come and join in the fun. We will check out the frogs at the wetland, look for signs of spring, and make some garden ornaments. Accommodations are dormitory style in historic log lodges. Breakfast included. **For ages 4-7.** Each child must be accompanied by one or more adults.

Friday, March 27, 7 p.m.
to Saturday, March 28, 11 a.m.
Karen Bryan
Dana Brown Overnight Center
\$55 member, \$63 nonmember
(each adult or child)



"Discover Nature-Women" offers the opportunity to participate in a variety of outdoor activities led by knowledgeable instructors. **Women age 14 and older (14 to 17 years must be accompanied by an adult)** can learn, improve, or practice their choice of three different outdoor skills. Approximately 15 different sessions will be offered from archery, canoeing, or fly fishing, to landscaping with native plants and nature crafts. The more science-minded might enjoy geology or wildflower identification and ecology. If you like to cook, how about dutch oven cooking? Optional evening activities might include a night hike, star gazing, nature scrapbooking, or sitting around the camp fire. Go to www.shawnature.org or call (636) 451-3512 for a complete list of activities and special registration form. Registration must be received by May 15. Confirmation letters and maps will be sent after the May 15 deadline. Accommodations are dormitory-style in historic log lodges. Five meals included. No partial day sign ups.

Friday, May 29, 6 p.m. (check in 4 to 6 p.m.) to Sunday, May 31, noon
Dana Brown Overnight Education Center
Overnight package: \$150 member, \$175 nonmember
Commuters: \$95 member, \$105 nonmember

registration information

Shaw Nature Reserve, EarthWays Center, Butterfly House, Garden Early Childhood

Spring 2009

Registration

Please use the mail-in form on page 37 to register for programs at SNR, EWC, BH, and Garden Youth & Family Programs.

For more detailed information on classes or to check on availability, please call the specific sites.

- Shaw Nature Reserve classes, call (636) 451-3512 ext. 0 (toll free from St. Louis).
- EarthWays Center classes, call (314) 577-0220.
- Butterfly House classes, call (636) 530-0076 ext. 13.
- Garden Youth & Family Programs, call (314) 577-9506.

Class Fees and Payment

Advance reservation is required. Most classes have limited registration. Walk-in students will not be accepted. Payment is due prior to class, unless otherwise noted.

Confirmation

A registration confirmation with program details will be sent to you by mail or e-mail.

Cancellations and Refunds

If after you've registered you need to cancel, please notify the contact on your registration confirmation as soon as possible.

For cancellations 5 or more business days prior to the class, a full refund (minus a \$5 processing fee) will be issued.

Refunds cannot be issued for cancellations less than 5 business days or missed classes.

Many programs will allow you to send an alternate participant if you are unable to attend. Please check with the contact on your registration confirmation.

For SNR overnight program refunds, cancellations must be made at least 2 weeks prior to the program.

In the event that the SNR, EWC, BH, and Garden must cancel a class, you will be notified and receive a full refund.

Location

- Shaw Nature Reserve is located in Gray Summit, Missouri in eastern Franklin County.
- EarthWays Center is located at 3617 Grandel Square in St. Louis, just North of the Fox Theatre.
- Butterfly House is located in Chesterfield, Missouri within Faust Park.
- Missouri Botanical Garden is located off I-44 and is easily accessible from the major highways in the area, even during the scheduled construction on I-64/40 in 2009. See page 20 for more information or visit: www.thenewi64.org for up-to-date construction details.

Inclement Weather

Participants should come dressed for the weather as programs are usually held rain or shine. If in doubt, please refer to your registration confirmation for contact information.

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Photos by: Lisa Francis, Jack Jennings, Lauren Kirkwood, Glenn Kopp, Cindy Lancaster, Heather Marie Osborn, Tammy Palmier, Karen Strobach, Laila Wessel, Kevin Wolf

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sustainability

The Missouri Botanical Garden strives to make the most sustainable choices for the future of people, plants, and the planet. This publication is printed on paper containing 100% post-consumer recycled content. We hope that you will recycle it when finished or pass it along to a friend.



registration form

Spring 2009

Shaw Nature Reserve, EarthWays Center, Butterfly House, Garden Early Childhood

Name: _____

Child's Name and Birth Date: _____
(if applicable)

Address: _____ City: _____ State: _____ Zip: _____

Home Phone: _____ Work Phone: _____ E-mail: _____

Payment options

Please check one: Member Nonmember Staff Volunteer

Remittance: Check Visa MasterCard Discover

Card number: _____ Exp.: _____ Signature: _____

3-digit verification code: _____

Courses

Course name	Location	Date	Fee

Total

Mail to:

Missouri Botanical Garden
Education Division
P.O. Box 299
Saint Louis, MO 63166

Notice: classes may be photographed and/or recorded for use by the Garden in its communications efforts. Students wishing not to be photographed or recorded should inform the photographer.