



Monroe County Master Gardener Association

# ROOTS AND SHOOTS

April 2007 Volume 23, Issue 4

## MCMGA FIELD TRIPS ANNOUNCED

By Nancy White

Our field trip schedule is announced by vice presidents for programs, Ann McEndarfer and Nancy White. If you are interested in attending any of these, phone or email your choices to Ann or Nancy by April 9. (If you attended the March 27 general meeting and signed a field trip sheet, you do not need to respond again.) All field trips are free, and car pools will be organized to provide transportation. If fewer than five people contact us for any one event, that event will be cancelled.

**Friday-Sunday, April 27-29**, Attend Wildflower Foray Sessions (see full schedule on pages 6, 8, 10 and 11 in this newsletter and online at the following web address: [www.fs.fed.us/ro/hoosier/docs/events/wildflowerforay-schedule](http://www.fs.fed.us/ro/hoosier/docs/events/wildflowerforay-schedule).)

**Friday, April 27**, Session #1, Wildflowers at S. Steele Nature Preserve, 9:00 a.m.

Session #5, Waldrip Cabin Hike, Hoosier National Forrest, 3:30 p.m.

**Saturday, April 28**, Session #13 Wildflowers at Winslow Woods, 11:00 a.m.

Session #14, Wild Hyacinth Hike, 1:00 p.m.

Session #16, Treasure at Moore's Creek, 1:00 p.m.

Session #18, Discover the Discovery Trail, 3:30 p.m.

**Sunday, April 29**, Session #21, Youngman Woods Wander, 9:00 a.m.

Session #23, Fire in the Valley, 2:00 p.m.

**Thursday, June 7**, Visit Indianapolis Museum of Art Lilly House and Gardens, leave Bloomington at 9:00 a.m.

**Saturday, August 4**, Visit Munchkin Shade Garden and Nursery, Depauw, IN, leave Bloomington at 8:00 a.m.

**Monday, October 8**, Guided visit to gardens at Oliver Winery, 3:00 p.m.

## EMERALD ASH BORER WORKSHOP ON APRIL 10

Submitted by Amy Thompson

The Indiana Department of Natural Resources, Purdue Extension, and City of Bloomington Parks and Recreation are presenting a free workshop, **What Bloomington Homeowners Should Know about the Emerald Ash Borer**, on Tuesday, April 10, 6:30 – 8:30 p.m., at the Monroe County Public Library in Meeting Room C.

The emerald ash borer is changing the face of the Indiana landscape by destroying its ash trees. Find out where emerald ash borer is located, how to combat this invasive pest, and what you can do to preserve ash trees in Indiana.

Topics included are how emerald ash borer can affect yard and street trees, how to identify ash trees, life cycle of emerald ash borer and how it kills trees, homeowner options for dealing with emerald ash bore plus opportunities to ask questions and receive answers from a professional forester, entomologist, and extension educator. If you need a reasonable accommodation to participate in this program, contact Amy Thompson at (812) 349-2575.

## HENDRICKS COUNTY MGS SPONSOR LAWN & GARDEN SHOW

The Hendricks County Master Gardener Association is sponsoring a Lawn and Garden Show on April 21, 2007 at the Hendricks County Fairgrounds Expo Hall from 9:00 a.m. to 3:00 p.m. Admission is free. Highlights of the event include lawn and garden supply vendors, garden displays, information resources, and a Master Gardener plant sale. For additional information, log onto [www.HendricksGardeners.com](http://www.HendricksGardeners.com).



# MEMBER NEWS

By Nancy White

The March general meeting, held at First Christian Church on March 27, was well attended by local members. Joanna Howe and her refreshment committee, Mary Jane Hall, Jeff Schafer, and Jen Cook, served a wide array of delicious snacks and drinks that we enjoyed during the break between the two speakers. Ken Cote, DNR specialist on plant pests and enforcement, spoke of diagnosis and treatment of plant problems caused by insects, animals, bacteria, fungi, and environmental situations. He shared slides of the many types of plant damage and showed how difficult it is to make diagnoses. Ken urged us to know the plants effected, know the problems of certain plants, and to ask for assistance from the Purdue Plant Lab as necessary. He also gave us important timelines on when to expect such pests as Japanese beetles, bagworms, apple scab, rusts, and powdery mildew. Our second speaker was Shawn Urton, Mother Nature Landscaping, who defined water features that are possible in urban and rural settings. Shawn's firm has recently purchased Bloomington Valley Nursery and has installed a model water feature there that he invited us to visit. Several MGs present currently have ponds and other water features, and they shared their successes and concerns with the group. Whether a water feature is to be installed by professionals or by homeowners themselves, the presentation gave information applicable to all situations. Discussion included size of installation, suggested materials, care of fish in ponds, landscaping foliage, yearly care and cleaning of a water feature, and ways to attract wildlife. Our speakers provided a helpful publication dispelling myths about water features.

## **Report Education Hours to Receive Credit**

Members who attend general meetings that qualify for education hours are reminded that, to receive the education hours credit, they must report the activity and the number of hours to Amy Thompson at the Extension Office. For a full explanation, see the procedure described on page 33 of the membership booklet, *2007 Folia and Flora*.

## **Save the Date!**

It may seem a bit early, but members are urged to put our annual Holiday Celebration on Tuesday, November 27, at 6:00 p.m. on their calendar. Additional details will appear in Roots and Shoots in the months to come. The holiday season is busy for everyone, so we ask that you make note of the date and plan to join us for this fun event.

## **Advice Needed on Pruning an Apple Tree**

The Master Gardener Wonderlab team of volunteers needs help from our members. Wonder Garden has a young apple tree that is in need of pruning and staking. If any member could give us advice on this task, we would be grateful. Contact Nancy White if you can help.

## **GREEN COUNTY FLOWER AND PATIO SHOW**

Greene County Master Gardener's Association once again brings to you Greene County's Free Flower and Patio Show on Saturday, April 28, 10:00 a.m. to 4:00 p.m. and Sunday, April 29, 11:00 a.m. to 4:00 p.m. at the Greene County 4-H Building located five miles west of Bloomfield, IN. Parking is free.

What began as one member's project has become an annual event that all look forward to. A gardener's delight welcomes you as you enter this year's show, **Welcome to Our Potting Shed**. Shop for flowers, garden art, and accessories. Master Gardeners will answer gardening questions, and children will have hands-on activities to enjoy. Sit back, relax, and enjoy sandwiches and homemade desserts. Listen to Ken Breece demonstrate how to make hypertufa containers. Spring's treasures are all here!



## HELP NEED: THREE VOLUNTEER OPPORTUNITIES

By Amy Thompson, Extension Educator

### BE A MG VOLUNTEER AT THE BLOOMINGTON SENIOR EXPO

Volunteers are needed to staff the Monroe County Master Gardener Association booth at the Bloomington Senior Expo on Friday, May 11 at the Bloomington Convention Center. The booth will have an Emerald Ash Borer Display, samples of common plant problems, and copies of publications on common lawn and garden problems that can be distributed to the public. We also will have reference materials on hand to help you address any gardening questions. Volunteers are need to works shifts during the event which runs from 11:00 a.m. to 4:00 p.m. and also to help with set-up and tear down of the display. If you're interested in volunteering, please contact Amy at the Extension office 349-2575 or email [afthompson@purdue.edu](mailto:afthompson@purdue.edu) .

### VOLUNTEER AT THE EDGEWOOD INTERMEDIATE BUTTERFLY GARDEN

The Edgewood Intermediate Building butterfly garden which is used for numerous educational programs is in need of Master Gardener volunteers to help maintain the garden. Work would include such things as providing advice on gardening practices and weeding, dividing plantings, spreading mulch. If you are interested in this opportunity, please call or email Ina Summit – 876-4558 or email [tapman1@aol.com](mailto:tapman1@aol.com) ; she will be coordinating volunteers for this effort.

### VOLUNTEER TO BE A MENTOR TO A MASTER GARDENER INTERN

Mentors are still needed for the participants in the Master Gardener training program for 2007. Mentors as asked to perform such tasks as

- Encourage interns to complete 35 volunteer hours and become a Certified Master Gardener

- Provide ideas for volunteer placement, such as volunteering at the Monroe County Fair, Indiana State Fair, Demonstration Garden at the Monroe County fairgrounds, Hilltop Garden and Nature Center, and Templeton Elementary School garden; writing articles for the monthly newsletter; and serving as an officer in MCMGA

- Call and invite interns to Master Gardener meetings

- Attend intern graduation at the May 22<sup>nd</sup> meeting

- Be a resource for interns and a friendly face at any activities

- Invite interns to visit your garden later in the spring

The mentoring session for this year's class will be held on April 9<sup>th</sup> from 8:30 to 9:00 p.m. at Sherwood Oaks Christian Church. If you're interested, please contact Amy at the Extension office 349-2575 or [afthompson@purdue.edu](mailto:afthompson@purdue.edu)

## TURF TIP FROM PURDUE:

### CHOOSE PREEMERGENCE HERBICIDES WITH AS LITTLE N AS POSSIBLE

If a preemergence herbicide is justified on your lawn to control crabgrass now, most of those are available combined with fertilizer and you are forced to apply a fertilizer now. Look for a product with low nitrogen and be sure the majority of the nitrogen is a slow release N. Slow release sources include sulfur- or polymer-coated urea, urea formaldehyde, methylenediurea, dimethylenetriurea, or natural organic nitrogen. These are listed on the label as "slowly water soluble" or "water insoluble. Applying too much fertilizer now will encourage too much growth and could lead to problems later this summer such as poor root growth and disease. Additionally, since spring rains play havoc with mowing schedules, nitrogen fertilization can further complicate your mowing schedule by causing grass plants to grow too fast.



## FROM THE PRESIDENT'S DESK

By Marilyn Brinley

Spring! It's finally here! Already there are flowers blooming, plants growing and trees budding. And now also, comes the work. I know that I have days ahead of cleaning and clearing out the old growth so that the new can come in. The brush and scrub that provided winter shelter and food for wildlife will be removed so that new plants can grow. Beds need to be torn up and refurbished and new plants put in. I also know that I will likely be very tired after such endeavors, but all my efforts will be rewarded in the end.

While I have enjoyed the view of my deck with its feeders attracting many birds, I look forward to reclaiming that piece of territory for myself. Pots will be planted and a new water garden pot will be purchased and filled. The chives and thyme are already growing, and I anticipate more flavorful and scented herbs to join them. Yes, more work awaits there as well, but it will all be worth it in the end.

And so, we also begin to look forward to the gardening year as Master Gardeners. The demo garden at the fair ground is in need of care and maintenance, as is Cheryl's Garden at Karst Farm Park. Other activities will require our attention and support as well, and our new intern class is nearing the end of their studies.

I would ask that each of you consider how you might help contribute to our projects in order to help our organization flourish just as readily as your own gardens. Attending meetings, working on a project, and mentoring an intern are just some of the ways to help. Another important way to assist our association is to make sure that you fill out the volunteer and education hours forms regularly and send them into the Extension Office. It is important that Purdue sees the evidence of the fruits of our labors so that they will continue to support us.

## HOOSIER HILLS CAREER CENTER PLANT SALE

By Kaylie Scherer

On May 10 and 11, Hoosier Hills Career Center will be having a plant sale from 9:00 a.m. to 4:00 p.m. at the Hoosier Hills Career Center is located at 3070 Prow Road, right next to Bloomington High School North. This sale is a fundraiser for both the Agriculture program and the FFA chapter at Hoosier Hills Career Center. Students will be selling annuals, perennials, vegetables, and herbs that they have grown. Everyone is invited. If you would like a brochure listing the plants available, contact Amy Remsburg by phone (812-330-7730) or email ([aremsbur@mccsc.edu](mailto:aremsbur@mccsc.edu)). You may send in the order form attached to the brochure to reserve specific plants.

The Hoosier Hills Career Center is a vocational school that has many classes to choose from, including building trades, software technology, drafting, auto body, and agriculture. Hoosier Hills Career Center programs are available for local high students. The agriculture portion of Hoosier Hills offers four classes: horticulture, landscaping, agribusiness, and natural resource management.

This year I am taking the horticulture class. During the first semester of the class we learned about such topics as plant structures, propagating plants, and soil. It has been a nice review of the things I learned in the Master Gardener program. For the second semester of the class, we have been focusing on growing plants. The Hoosier Hills Career Center is lucky to have a wonderful, very large greenhouse. I love being able to spend my mornings in the warm, sunny greenhouse, planting seeds, transplanting seedlings, and taking care of the plants. Even when there was snow on the ground, the greenhouse felt like a tropical island.



## PERENNIAL EXCHANGE MEETS MAY 5

By Mary Jane Hall

The Perennial Exchange, a garden group that meets twice a year to swap plants and learn, will meet at the Monroe County Fairgrounds on Saturday, May 5 from 7:00 a.m. until mid-afternoon. The schedule follows below. Membership is open to all gardeners. The cost of membership is \$10 per year. Bi-annual swaps are held in various places around Southern Indiana. This spring we are fortunate to gather in Monroe County. Members may participate in only the swap, only the learning or only the field trips – or any combination. The rules for the plant exchange are on the website. The web address for Perennial Exchange is <http://www.geocities.com/perennialexchange/home.htm>.

The schedule for the May 5 exchange is as follows:

- 7:00 – 9:00 a.m. Registration and Continental Breakfast
- 9:00 – 9:30 a.m. Plant Swap
- 9:30 – 10:00 a.m. Clean Up
- 10:00 – 10:15 a.m. Business Meeting
- 10:30 – noon Workshops
- Noon – 1:00 p.m. Lunch
- 1:00 – 1:15 p.m. Clean Up
- 1:15 - ? Garden Visits

The workshops theme is Backyard Wildlife Habitat.

- |                  |   |
|------------------|---|
| Wildlife Habitat | Gretchen Scott, Certified Backyard Naturalist<br>Esther Minnick,<br>Master Gardener |
| Invasive Plants  | Mary Jane Hall,<br>Master Gardener  |
| Avian Life       | David Daniels, Wild Birds Unlimited   |

Wild Birds Unlimited will set up a demonstration bird feeding station to show how to create a haven for birds.

The goal of the day is to certify 20 new backyards as wildlife habitats. For more information, call Gretchen at 812-327-1122 or Mary Jane at 812-345-3985.

Following the yummy lunch, the group is invited to visit the following gardens: Lazy Cat Garden, Shade Tree Garden, Harvest Moon Flower Farm, and Thompson’s Country Garden. Maps will be provided at the exchange.



### CHLOROSIS OF PINE TREES

Mike Mickelbart, Purdue University

Pines in this part of the country often struggle on our high pH soils. Many species of pine require soils with a pH around 5.2 to 6.0. Many soils in Indiana are 7 or higher. When the pH is this high, the nutrients required for healthy green growth in pines are not available. The result is slowed growth and, more noticeably, a yellowing of the needles.

Pine chlorosis is often more prevalent, or more noticeable in late winter/early spring. While it is not certain why this is the case, it is likely one of two reasons: Soil is often saturated during this time due to rains or snow melt or the plant is preparing to grow. In saturated soils, there is not enough oxygen and the plant cannot take up the nutrients that it needs for normal growth. The new growth (still not visible to the naked eye) may be taking nitrogen from the older needles. This is common in many species, especially those that grow in “flushes” like pines do.

To avoid this problem, make sure that you plant species that are adapted to your soil (and other) conditions.



## WILDFLOWER FORAY SCHEDULE OF HIKES

### FRIDAY EVENTS

April 27, 2007

#### #1 Wildflowers at Selma Steele, 9:00 a.m.

Join wildflower author Kay Yatskievych, Master Gardener Steve Doty, and DNR Nature Preserves Ecologist Tom Swinford, for a wildflower trek through the Selma N. Steele State Nature Preserve. Participants may choose a 2 ½ to 3-hour walk on a rugged but established wildflower trail.

#### #2 Focus on Wildflowers, 9:00 a.m.

Award-winning photographer Jeffrey Hammond and BirdCountry.US Education Director Jeff Riegel will lead an easy 2-hour excursion to photograph glorious spring wildflowers. Bring your camera and plenty of film (or pixels) to capture images of spring beauties, woodland phlox, and much more. Limited to 25 people, so **pre-registration is required**. Call T.C. Steele State Historic Site at (812) 988-2785 to register. Participants will carpool to a nearby wildflower hotspot. Meet at Location A.

#### #3 Spring's Promise, 1:00 p.m.

The soil smells fresh and the air is cool. Both promise great "plant watching" as the group winds its way from the ridgetop to the cool backwaters of Lake Strahl. DNR Interpretive Naturalist Jim Eagleman will be your leader for this 2-hour rugged hike. Meet at Location C.

#### #4 Recording Your Experience, 1:00 p.m.

Remember what you see this spring by making a simple journal to record your observations. Try some easy writing and drawing exercises to start, then continue throughout the Foray. Join Naturalist Cathy Meyer of Monroe County Parks & Recreation for an easy, 1 ½-hour program and walk. Meet at Location A.

#### #5 Waldrip Cabin Hike, 3:30 p.m.

Join Naturalist Stacy Duke and Forester Teena Ligman of Hoosier National Forest on a 2-hour moderate hike to historic Waldrip Cabin. This now-abandoned cabin was built in 1877, and is nestled among the ridgetops near Lake Monroe. Meet at Location B.

#### #6 Skydancer, 8:00 p.m.

The American Woodcock, or "Timberdoodle," is the focus of our evening outing. Participants will hike a short distance to hopefully see and hear a unique spring display flight. Bring a lawn chair and flashlight, and meet DNR Interpretive Naturalist Jim Eagleman and BirdCountry.US Education Director Jeff Riegel to carpool to a local "night spot." Meet at Location A.

#### #7 Owls, Pals & S'mores, 8:00 p.m.

Here's another evening outing: join DNR Interpretive Naturalist Susan Douglas and your Foray pals around the Friendship Circle campfire. We'll learn about owls, and call for some screech owls to join the party. The evening will end with toasted marshmallows and s'mores. Yum! Meet at Location C.

### SATURDAY EVENTS

April 28, 2007

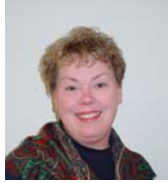
#### #8 Birds at T.C. Steele, 7:00 a.m.

Bring your binoculars and field guides if you have them! Wildlife artist Bill Zimmerman and Naturalist Cathy Meyer of Monroe Co. Parks & Rec. will lead a 2-hour, moderate hike in the forest around the Steele home, studio and gardens. Expect to find migrating warblers, tanagers, grosbeaks and thrushes searching for food in the budding oaks. Meet at Location A.

#### #9 Native Plant Sale, 9:00 a.m.

Native plants (and a few non-native favorites) await you at Location C. Sale funds Friends of Brown County State Park improvement projects. Call (812) 988-5240 for information.

(continued on page 8)



## AN EXCITING BOOK ON CRYPTOGRAMS

By M. Susan Osborne

***Moss Gardening: Including Lichens, Liverworts, and Other Miniatures*** [Illustrated] by George H. Schenk, 1997, Timber Press.

Have you ever gone into your gardens and discovered a thick mat of moss that it seemed to have developed while you were sleeping? You're not sure if you should leave it or remove it, but in your mind, it's not something you want in that particular spot. *Moss Gardening* is a delightful book that may change a gardener's perception of mosses from that of nuisance to a gardener's friend. The book portrays a planting of moss as an integral part of the garden community, not as an isolated garden feature. Moss planting may include trees, shrubs, perennials, and this book describes the minimal effort required by you in order to grow mosses in the garden with other plants. And at the same time it explains how moss gardens must "be a piece of, at peace with, its particular surroundings."

Schenk writes of mosses on rocks and walls and in containers and as lush ground covers. He also presents a gallery of his favorite moss species. Because of the variety of cryptogams that he details, *Moss Gardening* proves to be more than a manual on moss planting. It offers a helpful understanding of some of the common mosses, lichens, and liverworts and separates them from the non-mosses, such as the Irish, Spanish and reindeer mosses.

This 257 page book presents chapters on definitions, propagation, gardens of Japan, moss carpets, alpine gardens, bonsai mosses, a gallery of portraits and more. The photographs are dynamic. The variety of mosses that Schenk has captured on film is panoramic. He traveled the world to study and capture on film the beauty of mosses, which he shares in this book. The author has a very entertaining writing style offering very knowledgeable information with a very personal twist of opinions and statements, which I believe is reflective of his travels. However, Schenk writes that he is primarily interested in garden art, rather than science, but he offers enough of each to inspire a broader exploration of these "minute, but certainly not minor, plants."

*Moss Gardening* received a book award from the American Horticultural Society (AHS). Copyrighted in 1997, it is now in its tenth printing. The book is dedicated "to the person who pauses to study small things in nature." The preface explains that the book not only serves as a manual on planting and maintaining moss, but also as an outline for landscape gardening with mosses. Schenk offers his dynamic book "As One Moss Gardener to Another".

I never truly appreciated the wee plants until I read this book. In my shaded woodland garden, I am ashamed to say that I have erroneously raked or pulled up thick beautiful mosses believing them to be destroying my efforts at gardening. But alas, never again! If I want the mosses removed, I will relocate them as he so expertly describes in chapter seven titled *Moss Carpets*. Here, he describes five methods for the establishment and maintenance of a moss carpet in the garden.

Did I mention the photographs are wonderful? There are 97 color photographs from Japan, England, and the Northwest coast of America. The pictures include homes, woodland gardens, and temples. The garden of Saihoji in Kyoto, Japan, laid out in the fourteenth century and famed as the world's foremost moss garden, is beautiful – a wow photograph! Chapter 14 offers a collection of word pictures and color plates – a gallery of moss species and other moss-like cryptogams that he calls *Portraits*. The chapter is an alphabetical list of some 60 plants where Schenk offers advice on propagating, cultivating, and transplanting. Even though he does not accompany every listed moss, lichen, or liverwort with a color photograph, those included offer an exhilarating visual gift to the reader.

Schenk's *Moss Gardening* is considered by many to be the first book to cover the whole gamut of moss gardening. After reading I can truly understand why an award was given by AHS. The text is thorough, challenging, thoughtful, entertaining, informative, and educational. After reading, I believe, one could close the book, welcome mosses into the garden of the future, and allow them to work their age-old garden spell, even into the smallest of spaces.

## WILDFLOWER FORAY SCHEDULE OF HIKES (CONTINUED FROM PAGE 6)

### **#10 Indiana Forests: the Oak Bottleneck, 9:00 a.m.**

The largest study of its kind in Indiana is the focus of this moderate, 2-hour off-trail walk. Join BirdCountry.US Director Jeff Riegel, and see what is being done to determine the reactions of birds, bats, salamanders, snakes, insects and plants, to different forest management practices. How can we best maintain biodiversity and regenerate our oak-hickory forests? Meet at **Location A** to carpool to a nearby site.

### **#11 Lake Monroe Backwaters, 9:00 a.m.**

Take a boat trip with DNR Wildlife Specialist Rex Watters and Interpretive Naturalist Brittany Davis to see wildflowers and wildlife along the shores of Lake Monroe. Bring water and a sack lunch—the trip will last well into the afternoon. Participants will disembark at several spots to explore, so boots and old clothes are recommended! Participants are limited to 25, so ***pre-registration is required***. Call T.C. Steele SHS at (812) 988-2785 to reserve your seat. Meet at **Location E**.

### **#12 Weird Ravine Wander, 10:00 a.m.**

Ever see a rock in a tree? A BIG rock in a TALL tree? How did it get there? All explanations will be considered, however weird. Now is your chance to see this strange phenomenon for yourself, along with flowering dogwoods, redbuds, oaks, maples and many more. Join DNR Interpretive Naturalist Jim Eagleman for a rugged, 2-hour hike. Meet at **Location H**.

### **#13 Wildflowers at Winslow Woods, 11:00 a.m.**

Beauty abounds in Winslow Woods Park! The City of Bloomington Parks & Recreation invites wildflower friends and fans to take a peek at the park's host of short-lived, stunning springtime blooms. City park Program Specialist Kriste Lindberg & will be your guide for this easy, 1 ½-hour walk. Meet at **Location J**.

### **#14 Wild Hyacinth Hike, 1:00 p.m.**

Botanist Kirk Larson and Forester Teena Ligman of Hoosier National Forest will lead small groups on a moderate, 2-hour hike along a unique limestone ridge where wild hyacinths are common. This is a rich site with abundant wildflowers in the Charles C. Deam Wilderness Area. Participants are limited to 18, so ***pre-registration is required***. Call Hoosier National Forest at (812) 275-5987 to register. Participants will carpool to this remote location. Meet at **Location B**.

### **#15 T.C. Steele Treasure Hunt, 1:00 p.m.**

Go adventuring with map and compass! IU/HPER student naturalists Jim Cantwell, Will Reed, Curt Richardson, Brooke Silke and Andy Wojcik will assist as you search for geocache-style “treasure boxes” on this orienteering “treasure hunt.” Come prepared for a 2-hour, moderately rugged walk as you explore the natural and cultural wonders of the T.C. Steele property. Meet at **Location A**.

### **#16 Treasure at Moore's Creek, 1:00 p.m.**

Discover a wealth of wildflowers at the Moore's Creek unit of the IU Research & Teaching Preserve, where Director Keith Clay and Asst Professor of Biology Eric Knox will lead a 1 ½-hour, easy walk. ***Pre-registration by e-mail is required***. Hike is limited to 15, so contact Dr. Clay at [preserve@indiana.edu](mailto:preserve@indiana.edu) to reserve a spot. Meet at **Location F** to carpool to this remote location.

### **#17 Hidden Hills & 'Hollers, 3:30 p.m.**

Explore The Nature Conservancy's Hitz-Rhodehamel Nature Preserve with TNC's Indiana Director of Stewardship Ellen Jacquart and Brown County Hills Project Director Dan Shaver. Identify trees and wildflowers, and learn about the importance of intact forest communities to the survival of plant and animal species. Participants will carpool to this beautiful preserve for a rugged, 1 ½-hour hike. Meet at **Location G**.

### **#18 Discover the Discovery Trail, 3:30 p.m.**

Discover the history beneath your feet as you learn about human impact on the area from the 1830s to the present day. Identify native and introduced plants along the way, and learn some of their traditional

(continued on page 10)



## VOLUNTEER OPPORTUNITIES COMPILED BY NANCY WHITE

Location	Time	Jobs	Contact
Hilltop Garden & Nature Center	year around	various	855-2799
Templeton Garden Project	spring/fall	teaching children	Nancy White, 824-4426
MG Demonstration Garden	seasonal	various	Lydia Anderson, 825-2961, landers@wormsway.com
T. C. Steele SHS	seasonal	various	Steve Doty, 988-2785
Cheryl's Garden	seasonal	various	Larime Wilson, 333-9705
Flatwoods Park Butterfly Gardens	seasonal	various	Cathy Meyer, 349,2800
MCMGA Horticulture Hotline	year around	inquiries and research	Amy Thompson, 349-2575
MCMGA Speakers Bureau	year around	various	Amy Thompson, 349-2575
MCMGA Newsletter	year around	writing, stapling, labeling	Helen Hollingsworth, 332-7313
MCMGA Web Site	year around	various	Barb Hays, 332-4032
MG Program Committee Member	year around	plan MG programs	Ann McEndarfer, 334-1801 Nancy White, 824-4426
Middle Way House	seasonal	various	Clara Wilson, 333-7404
Wylie House	year around	various	Sherry Wise, 855-6224
Bloomington Hospitality House	year around	educate seniors	Rene Thompson, 353-3000
Mother Hubbard's Cupboard	year around	education, resource	Libby Yarnell, 355-6843
WonderLab Garden	2 times monthly	various	Nancy White, 824-4426
Garton Farm	year around	Assess grounds, develop plans	Michael Bell, 336-6141

**PLEASE WEAR YOUR NAME BADGE WHEN VOLUNTEERING.**

## WILDFLOWER FORAY SCHEDULE OF HIKES (CONTINUED FROM PAGE 8)

uses. Join "Moment of Science" radio personality Don Glass and Interpretive Naturalist Susan Douglas for this moderate, 1 ½-hour hike. Meet at [Location C](#).

### #19 Picnic at the Park, 6:00 p.m.

Join your fellow Foray aficionados for food, fun, and conversation. **A special catered picnic dinner is being provided at a reduced price, but you MUST make a reservation. Cost is \$8 per person, payable to Friends of T.C. Steele.** Reserve your spot and arrange payment by calling (812) 988-2785, or e-mailing [tcsteele@bloomington.in.us](mailto:tcsteele@bloomington.in.us) before April 24. Meet at [Location K](#).

### #20 Foray Review & "100 Years of Art: A 'Natural' Partnership", 7:30 p.m.

It is a year for anniversaries! One hundred years ago, the first artists of the Brown County Art Colony arrived, attracted by the natural beauty. Nature lovers today come for the same reason. Twenty-five years ago, some of them got together for the first Brown County spring wildflower census, which grew into the Wildflower Foray. Wildflower author Kay Yatskievych will summarize the 2007 wildflower count and reflect on 25 years of census trends. End the evening with a silent auction, a look at the area's natural beauty as documented by 100 years of Brown County artists and photographers, and (perhaps!) a visit from T.C. Steele. Dessert and beverages provided, no reservations are needed. Meet at [Location K](#).

## SUNDAY EVENTS

April 29, 2007

### #21 Youngman Woods Wander, 9:00 a.m.

Meet DNR staff member Davie Kean and Interpretive Naturalist Susan Douglas to wander this 322-acre State Nature Preserve, a gift of the Youngman family. Learn how to identify native orchids by foliage as well as flower, and get acquainted with the history of the property. Participants will carpool to this secluded site for a 2-hour, moderate hike. Meet at [Location I](#).

### #22 Pate Hollow Trail, 10:00 a.m.

Explore Hoosier National Forest's 7 ½-mile, moderately rugged Pate Hollow Trail with National Forest Naturalist Stacy Duke and Cathy Meyer of Monroe County Parks & Recreation. Bring your lunch and water, and enjoy up to 4 hours looking for wildflowers along this secluded trail near Lake Monroe. Meet at [Location B](#).

### #23 Fire in the Valley, 2:00 p.m.

Meet Resource Specialists Brenda Huter and Dave Vadas of Yellowwood / Morgan-Monroe State Forests to explore an area near Jackson Creek. The valley is abundant with fire pinks and, perhaps, will treat hikers to a glimpse of the elusive green dragon. Participants will carpool to the hike site for a moderate, 2-hour walk. Meet at [Location D](#).

### #24 75 Years of Wildflower Trails, 2:00 p.m.

Selma Steele was determined that the T.C. Steele property be preserved as a "tribute to beauty created by Man and by Nature," and dedicated the first site trail in 1932. Call (812) 988-2785 for 75<sup>th</sup>-anniversary re-dedication ceremony details. [Location A](#).

### #25 'Just for Kids' Photo Workshop, 2:00 p.m.

Kids, bring your cameras and join Sycamore Land Trust Environmental Educator Carroll Ritter and SLT volunteers Martha Fox and Nancy Martin for a 2-hour photo workshop just for you. Learn special tips and tricks for wildflower close-ups, and visit a stream and pond nestled in the woods nearby. Participants are limited to 15, so **pre-registration is required**. Call T.C. Steele SHS at (812) 988-2785 to reserve your spot. Meet at [Location L](#).

**REMINDER:** Above your name on the mailing label on your membership booklet, *Folia and Flora*, are listed your cumulative volunteer hours (CVH), cumulative education hours (CEH), and volunteer hours (V06) for 2006. Do you have new hours to report? Send your hours to Amy at the Extension Office.

## WILDFLOWER FORAY SCHEDULE OF HIKES (CONTINUED FROM PAGE 10)

### Locations:

- A** Meet at T.C. Steele State Historic Site, 1.5 miles south of SR 46 at Belmont. #1, #2, #4, #6, #8 and #10 meet at upper parking lot. #15 and #24 meet in front of Large Studio.
- B** Follow signs on SR 446 to Paynetown State Recreation Area, 6.5 miles south of SR 46 / 446 junction. Meet in parking lot behind office.
- C** Meet at the Brown County State Park Nature Center. #7 meet behind the building at Friendship Circle. Park map is available at entrance gate.
- D** Meet at Yellowwood State Forest Visitor Center parking lot. Turn onto Yellowwood Rd. off SR 46 and follow signs to office.
- E** Meet at Crooked Creek Boat Ramp, 4.9 miles south of SR 46 on T.C. Steele Road.
- F** Follow SR 46 west into Bloomington (SR 46 will become E. 3rd St.). Meet at Bloomingfoods parking lot on SR 46 / E. 3rd St. in Bloomington (in front of Kmart) to carpool to hike site.
- G** Meet in the Nashville IGA parking lot, on the end near McDonalds restaurant.
- H** Meet in Brown County State Park at the Fire Tower near the Park Office Park map is available at entrance gate.
- I** Meet at the North Gate of Brown County State Park, between the road and the entrance to the covered Bridge.
- J** From the SR 46 /446 junction, drive 1.0 miles south on SR446 to the flashing light. Turn right on Moore's Pike. Drive 1.9 miles, turn left on High St.. Drive 1.0 miles to the roundabout, turn right on Winslow Rd., and drive 0.5 miles. Turn right on Highland Ave., at the YMCA sign. The entrance to Winslow Woods Park is 0.5 miles from the turn, on the left.
- K** Meet at the Lower Shelter House at Brown County State Park. Park map is available at entrance gate.

## INPAWS NATURE WALKS COUNT FOR MG HOURS

Submitted by Amy Thompson

The South Central Region of the Indiana Native Plant and Wildflower Society is sponsoring the following weekend walks. Anyone is welcome to attend, and as they are educational in nature, they count as Master Gardener educational hours.

### Upcoming weekend walks:

**Saturday, April 7, 9:00 a.m.-noon:** Deam Wilderness, Monroe County

**Sunday, April 15, 9:30 a.m.-3:00 p.m.:** Charlestown State Park, Clark County

**Saturday, April 21, 9:00 a.m.-noon:** Spring Mill State Park, Lawrence County

**Friday-Sunday, April 27-29:** Brown County Spring Wildflower Foray, Brown & Monroe Counties

**Saturday, May 5, 9:00 a.m.-noon:** McCormick's Creek State Park, Owen County

### Upcoming Wednesday evening walks (6:00 p.m.) in the Bloomington area:

**April 4:** Winslow Woods

**April 11:** Kent Road

**April 19:** Griffy Reservoir (IU Teaching Preserve)

**April 25:** Flatwoods Park

Parking is limited in some of these areas, so carpooling is always encouraged. Be prepared for poison ivy and insects. The schedule for May will be coming soon. For general questions, email Gillian Harris (gharris@yellowwood.net).

## April 2007 Volume 23, Issue 4

Cooperative Extension Service  
Health Building  
119 West Seventh Street  
Bloomington, IN 47404

FIRST CLASS MAIL  
RETURN SERVICE REQUESTED



**Emerald Ash Borer Workshop, Tuesday, April 10,  
6:30 – 8:30 p.m., at the MCPL, Room C**

### 2007 MASTER GARDENER BOARD

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### IN THIS ISSUE

Emerald Ash Borer Workshop	1
MCMGA Field Trips Announced	1
Hendricks County Lawn & Garden Show	1
Member News	2
Green County Flower & Patio Show	2
Help Needed: Three Volunteer Opportunities	3
Turf Tip from Purdue	3
From the President's Desk	4
Hoosier Hills Career Center Plant Sale	4
Perennial Exchange Meets May 5	5
Chlorosis of Pine Trees	5
Wildflower Foray Schedule of Hikes	6
An Exciting Book on Cryptogams	7
Volunteer Opportunities	9
INPAWS Nature Walks Count for MG Hours	11

