

ROOTS AND SHOOTS



May 2008 Volume 24, Issue 5

Plan to Attend May 27 MG General Meeting

By Nancy White
The next MG General Meeting will be on Tuesday, May 27, at 6:00 p.m., at the Community Building at the Monroe County Fairgrounds. All members and guests are invited to attend this popular meeting. After a brief business meeting and the introduction of new interns by Amy Thompson, we will celebrate the completion of the 2008 intern class with refreshments.

The final activity will be the plant swap. All are encouraged to bring starts of perennials, bulbs, corms, shrubs, veggies, or other plant material. If possible, bring your items in pots, paper bags, or wrapped in newspaper. Be sure to mark the plants with its name and sun/shade needs using craft sticks or paper markers. If plant colors are known, noting that can be helpful. Even if you can't bring anything to swap, you will go home with some plants; because we love to share.

Don't miss this fun activity. We all know the best plants are ones we've gotten from another gardener!

What: The Master Gardener May Celebration

When: Tues. May 27, 6:00 p.m.

Where: Community Building at Monroe County Fairgrounds.

Directions: Take west bypass to Highway 45. Turn west and go past WalMart. At second stoplight past WalMart (about 1/2 mile), turn north (right) onto Airport Road. Karst Farm Park will be on the right and MC Fairgrounds will be next, also on your right. Enter at Gate #3, and Community Building will be on the right. Plenty of parking is available.

What to Bring: You, your guests, and starts of plants to swap with others plus some sacks or boxes to take home your new starts.

Fourth Annual Master Gardener Garden Walk and Picnic



By Mary Hawkins

Mark your calendars for June 14, 2008, 3:30 p.m. until 8:00 p.m. for our MCMGA Garden Walk, our annual fun summer social event. This event includes visiting three of our own members' gardens and enjoying a pitch-in picnic. Come enjoy Susan Eastman's "Street Screen Garden," Dot Owen's lovely garden, and Barbara Baynes' "Richland Valley Hermitage," and taste delightful delicious dishes

our members bring to share. We will picnic at Baynes' home, where you will enjoy bucolic views while relaxing with your garden friends. Also, if you visit all three gardens and stay for the picnic, you have the opportunity to earn an hour of education credit. Watch the June newsletter for more details and your mailboxes in early June for your detailed invitation.

What: Fourth Annual Master Gardener Garden Walk and Picnic

When: June 14, 3:30-8:00 p.m.

Event: This is an invitation-only event for all Master Gardeners. Visit three members' gardens. At the final garden, enjoy a pitch-in dinner followed by an hour of education credit.

Member News



By
Nancy
White

A group of Master Gardeners attended the Cincinnati Flower Show on April 23 traveling by bus with other local gardeners on a trip planned by Monroe County Parks and Recreation. The day was beautiful, warm, and sunny. Several pavilions were filled with professional and amateur-designed flower arrangements, floral table decorations, and complete garden settings with trees shrubs, roses, perennials, annuals, bulbs, hardscaping, and even a working café. In another area, lectures on garden-related topics were available. Several of our members took advantage of those lectures. Sprinkled on the grounds of the show site were vendors selling plants, shrubs, hats, pots, tools, seeds, and anything else gardeners might need. The group returned home energized by the ideas gained and the camaraderie of other gardeners. If you missed it this time, wait until next year!

Interns and Members Work Together at Demo Garden

Members of the MG Board and interns joined on April 22 to spend an evening in the Demonstration Garden at the Monroe County Fairgrounds. The beds at the garden were cleaned and refreshed, as were paths. Some attending adopted a bed with plans to work on it throughout the summer. Bethany Murray is the Demo Garden coordinator, so if you would like to spend some time and earn volunteer hours there, be sure to contact her.

MGs Enjoy Wildflower Foray

The first MG fieldtrip of the year was a hike on April 26 to view the wildflowers at Griffy Woods, adjacent to Griffy Lake. The walk was sponsored by the Wildflower Foray and was led by Keith Clay and Eric Knox. Members attending enjoyed seeing the variety of wildflowers available in such a familiar location. Other sessions of the foray were held in Monroe and Brown Counties, April 25-27.

MG Field Trips Sign-up

It's not too late to sign up for this year's field trips. In case you have never attended one of our trips, these are planned to encourage members to see gardens, commercial growers, state parks, and other places of interest. Some are located close to Monroe County, and some may be further away. We try to carpool when possible to conserve fuel and enjoy the conversations that happen when gardeners get together. The remaining trips this season are listed below. If you haven't yet signed up and would like to, the sign up sheet is available on-line attached to the *April Roots and Shoots*. Or call Nancy White to register for a trip(s) at 824-4426. You will be contacted with further details about each trip.

2008 Field Trips are as follows:

Wednesday, May 7, 5:30 pm, Tour of IU Greenhouses.

Directions: Drive north on East 46 Bypass. Turn north onto Matlock Road (State Police Post is on the south side of 46). Take Matlock Road past Headley School and veer left onto Headley Road. Continue on Headley to the second road (it is paved) and turn right into the greenhouses.

Friday, June 13, 5:30 p.m., Tour of McCormick's Creek Nature Center and Gardens, Mitchell, IN. We will carpool (details later)

July, exact time and date TBA, tour of private daylily or hosta garden.

Thursday, August 14, 9:00 a.m., tour of Elsbury Nursery and grounds, where we will view the setting process for starts of thousands of poinsettias that are sold in central Indiana, and stop for lunch, Hope, IN. We will carpool.

A Brief Survey on INDOT Roadside Management



By
Amy
Thompson

I was talking to someone from INDOT recently, and he mentioned there is a survey available on their website that asks your opinions on their plantings, mowing, and weed control. I thought I'd send the direct link out for anyone interested. Here is the chance to make your opinion known and to let them know if you like the native plantings they've put in and are interested in seeing more invasive control along highways,. INDOT has always been very clear that they follow the lead of the public in how they manage their roadsides, so please provide some leadership. It's a very short survey and will take no more than about two minutes of your time: The web address is <http://www.in.gov/indot/7291.htm>.

Hilltop Holds Plant Sales First Two Weekends in May

Hilltop's Annual Spring Plant Sale has been expanded from one to two weekends this year for the first time ever. The sale is scheduled for May 3 and 4 and May 10 and 11, 9:00 a.m. to 5:00 p.m. on Saturdays and 1:00-5:00 p.m. on Sundays.

Hilltop Director Greg Speichert promises that the sale will feature interesting and hard-to-find plants at reasonable prices. How about lilies of the valley – with pink flowers? Solomon's seal takes on a new look; one variety offers handsome variegated foliage to brighten up a shady corner while another continues as an evergreen into the winter.

Take home *Sanguisorba* "Dali Marble," an unusual season-long bloomer that will add deep burgundy blooms and textural interest to the back of the garden. A perfect rainbow of *coleus*, numbering in the dozens and bred by Greg, will be available, along with the sedge "China Blue," which he discovered in China. *Devon ivy*, beloved by English growers, is a perfect basket plant or ground cover, and burgundy *oxalis* offers a splash of color in the garden -- or in a salad. Add an exotic tropical note with several varieties of the bananas that will appear in this year's theme garden, "A Tribute to Tropical Foods."

Also for sale will be Hilltop's popular troughs, pots and wall pockets, made of Hypertufa. Buy them already planted or fill them with a custom-made collection of unusual succulents, including *aeonium* and tropical *sedum*. Hilltop Garden and Nature Center is located at 2367 E. 10th St., behind Tulip Tree House. For more information: call 812/855-2799 or email hilltop@indiana.edu.

Additions to Folio and Flora

Marcia Ankrom, 130 W. Wayside Drive, Bloomington 47403, 824-4074 H, 219-8972 C, mkankrom@bluemarble.net Volunteer: Monroe County Fair; work the MG Info Booth; work in the vegetable exhibit; work in flower & potted plants; other work as needed; Demonstration Garden; Cheryl's Garden; WonderGarden; MCMGA Garden Walk; other work as needed

Master Gardeners in the Spotlight

Our very own president, Marilyn Brinley, will be featured in a short segment on *Weekly Special* on WTIU. Marilyn was contacted last week by Bill Shaw from WTIU, and she agreed to be interviewed on behalf of the Master Gardeners for the segment that will cover the economics of growing one's own produce. The show airs Thursday, May 1, at 8:00 p.m. and Friday, May 2, at 10:00 p.m.

From the President's Desk



By
Marilyn
Brinley

Have you been out to see the Demonstration Garden out at the Fairgrounds this year? If you had seen it before this past week, you will be in for a surprise the next time you see it. On Tuesday, April 22, some industrious members of our intern class met up with a few of the board members, a couple of mentors, and our demo garden's chairperson to attack the garden. This happened to be our second annual *Evening in the Garden*, an event that is intended to allow the intern class to meet the board members, to allow the interns to start earning volunteer hours, and to start getting the garden in shape for the year.

Did I say it was an attack? Somehow that seems appropriate, as the clematis on the arbor was defending its territory from the invading gardeners, the weeds were firmly entrenched in the beds and even the paths, sycamore leaves were lying about in a defensive cover, and the moles had mined the paths, making advancing into the territory difficult. So, attack we did, with rakes, pruners, shovels, pitchforks, and tillers. And three hours later the transformation was amazing. Even the invading gardeners were stunned. I want to thank all who participated in any way to make this event a success.

If you are worried that you missed your chance to make your mark on the garden, don't worry. Weeds have a nasty habit of growing despite our best efforts. and other items still need to be addressed. Beth Murray, our 2008 demo garden chairperson, has indicated that she intends to spend Tuesday evenings working in the garden. She will welcome any and all workers, even if you happen to show up on a different day and at a different time. So put on some comfortable clothes, grab your favorite tools, and head on out to the demo garden. And don't forget to record and report your hours. Happy gardening!

Do you know a Garden Crusader?



This year, Gardener's Supply will award more than \$15,000 in cash and products to individuals across the country who are using gardening to make a difference in their communities.

You can meet our 2007 winners (shown above) and learn more about their work at www.gardeners.com.

How To Nominate a Gardener:

To learn more about the awards, and how to nominate a gardener, visit www.gardeners.com and click on the Community tab for an online application. You can also call 1-888-239-1553 or e-mail us at crusader@gardeners.com.

Award Categories:

Education • Urban Renewal • Restoration • Feeding the Hungry

Over \$15,000 In Prizes!

Application Deadline: June 15, 2008

GARDENER'S
SUPPLY COMPANY

Do You Have Wild Onion in Your Lawn? Or Is It Star of Bethlehem?

By Glenn Hardebeck, Turfgrass Research, Purdue University

Initially field identified as wild onion, this weedy grass-like plant was received during the first week of March for an ID confirmation. Wild onion is common across the state and is currently showing itself quite well in turf areas, but in this case, the sample turned out to be Star-of-Bethlehem.



Wild Onion

Star-of-Bethlehem is often mistaken for wild onion or even some type of grass early after it emerges due to its narrow, thick, up-right leaves. It develops from a shallow bulb which readily distinguishes it from grasses, but this characteristic is very similar to wild onion. To distinguish between wild onion and Star-of-Bethlehem before flower formation, a closer examination of the leaves is in order. The leaves of wild onions roll together to form a closed straw-like structure that is hollow on the inside just like our familiar green onion. Within a few days of emergence, Star-of-Bethlehem leaves begin to form a roughly “U” shape with a light-green to white line down the center inside the “U”. Within a couple of weeks the Star-of-Bethlehem will form a white flower with six petals.



Star of Bethlehem

Unfortunately, the Star-of-Bethlehem is difficult to control.

Herbicides have little effect. Some intense homeowners have had a measure of success pulling the plants being sure to remove the bulbs as well. For most of us, it is likely better to increase our mowing frequency to keep the weedy leaves down at the same height as the surrounding turf leaves and enjoy the white flowers for a couple of weeks in the early spring.

Editor's Note: Star of Bethlehem is so pretty while in bloom but is very invasive in my garden. The only way to control it is by digging it out every spring.

New/updated Resources for Master Gardeners

Submitted by Amy Thompson

Below is a list of new or updated horticulture related publications. If you do not have internet access and would like copies, please contact the extension office.

Diagnosing Herbicide Injury on Garden and Landscape Plants http://www.extension.purdue.edu/extmedia/ID/ID_184_W.pdf

Conifer Dieback <http://www.ppd.purdue.edu/PPDL/pubs/briefs/Conifer-Dieback.pdf>

Cedar Apple and Related Rusts on Apples in the Home Landscape <http://www.ces.purdue.edu/extmedia/BP/BP-138-W.pdf>

Apple Scab on Tree Fruit in the Home Orchard <http://www.ces.purdue.edu/extmedia/bp/bp-1-w.pdf>

Fascinating Fasciation!

By B. Rosie Lerner, Extension Consumer Horticulturist, Purdue University

Every so often gardeners find a deformed looking flower or stem that appears as if the plant has been hit with a growth regulator herbicide, yet only randomly affects a stem or two. The stem or flower stalk will appear somewhat squashed and splayed, sometimes splitting in two or more sections. Or it may appear that two or more stalks have merged together to form one distorted structure.

This odd growth is called fasciation which literally translates to banding or bundling. Fasciation is thought to be caused by a hormonal imbalance that in some cases could be a random mutation. Some plants may be genetically predisposed to fasciation, most notably, the cockscomb Celosia. But in cases of random appearance, fasciation is induced by one or more factors including bacteria, fungi, virus, insects, frost, and physical damage to the growing point.

The good news is that fasciation itself is not contagious and does not spread through a planting. And just because a particular plant exhibited fasciation one season, does not necessarily mean it will again in the future. In most cases, fasciation is just a random oddity.

Verbena photo courtesy of Rosie Lerner

Sweet potato photos courtesy of John Knipp, Jay County Agriculture Educator



Fasciated Flower Spike of *Verbena hastata*



Fasciated Sweet Potato Stems

A Book for Gardening in Bloomington

By Helen Hollingsworth

The next time you are in a bookstore, look for *Perennials Short and Tall: A Seasonal Progression of Flowers for Your Garden* written by our Master Gardener, Moya Andrews, illustrated by Gillian Harris, and published by Indiana University Press, 2008. The book, besides having the very convenient format of twenty-five flower varieties presented in order of bloom time, has the look and feel of delightful turn-of-the-century country garden diaries, so rare in an era of digital garden photography. Thoughtful collaboration by Andrews and Harris and IU Press is evident in content, illustrations, organization, layout, and design choices. Evidence that the book is written for gardeners in our part of the world is revealed in choices of suggested perennials for three seasons of bloom, in lists such as *Lessons Learned in a Garden in the Lower Midwest* and *Deer-Resistant Plants*, and in content such as *Learning from Our Garden*. The book is thoroughly satisfying, one to be consulted for quick information about a particular plant or a design question or enjoyed slowly for content on such diverse topics as arranging flowers, controlling weeds, or principles for landscaping, or simply browsing through the lovely art work over a cup of tea.

Hilltop Events

Sundials

Saturday, June 28 10 a.m. \$25

Garden art can transform a backyard. With a sundial, you can tell the time, too! Learn how to make your own sundial and how to adjust it so you can use it all year long. All materials will be provided.

Summer Pruning

Saturday, June 28 1 p.m. \$15

When should you prune? And where should you start? We answer all your pesky pruning questions in this informative workshop. Bring a list of plants and shrubs that always give you perplexing pruning problems.

Youth Garden Program Offered at Hilltop Garden and Nature Center

Hilltop Garden and Nature Center is taking applications for the Youth Garden Program, one of the country's first programs. Celebrating its 60th birthday this year, the program offers a variety of schedules to suit participants' convenience. In addition to learning about plants and how plants grow, bloom and make seeds, the children will meet weeds, insects, birds and other garden visitors. They will have plenty of time for digging in the dirt and will take home flowers and healthful organic vegetables, as well as new and interesting arts and crafts projects.

For more information or to apply, call Hilltop at 855-2799 or email hilltop@indiana.edu.

Trees vs. Turf: Turf Is the Loser in Heavily Shaded Areas

By
Glenn
Hardebeck,
Turfgrass
Research, Pur-
due University

These photos were taken during a visit to a Boy Scout camp in the Lafayette area. This campsite, like many, was heavily shaded due to trees entirely circling the site. But the turf in this site was improved with minimal disruption to the overall stand of trees. Standing on the site and looking to the southeast, there was a thin

line of trees that effectively blocked the early to mid-morning sun. Morning sun not only helps to dry dewy leaves more quickly each morning thereby reducing disease problems, but increasing morning sunlight in a shaded area contributes the most to photosynthesis during summer heat stress. Photosynthesis in cool-season grasses is limited by high summer temps. Therefore, our turf is more productive with sunlight during cooler morning hours in July and August. This campsite was improved with very selective pruning and removal of a very few trees. When it comes down to a battle over sunlight, turf loses every time. While there is no such thing as a shade loving grass, there are management choices. For more information on managing shady locations, see <http://www.agry.purdue.edu/turf/pubs/ay-14.pdf>.



Campsite where maintaining grass as a groundcover was next to impossible



Selective pruning and removal of a few trees offered the most practical improvement

2008 Indiana MG Photo Contest Announced

Submitted
by
Kathleen
Hull,
Marion County

A statewide photo contest for Purdue Master Gardeners will be part of the 2008 Indiana Master Gardener State Conference, which is being hosted in Indianapolis by the Marion County Master Gardener Association (MCMGA) with the help of the Garfield MGA. Winning entries

will be used in the 2009 Indiana Master Gardener Calendar, a project that raises funds for MG programming in Indiana. Entries are welcome from Purdue Master Gardeners throughout the state. Photos must have been taken in Indiana by the MG submitting the entry.

We are looking for striking images of anything garden related in Indiana. All seasons in the garden provide interest (and are needed for the calendar), so consider sending in fall, winter, and spring photos from your favorite gardens as well as those taken in glorious summer.

Up to 3 photos may be entered by an individual Master Gardener. Photos may be submitted as prints or digital files.

Categories: The exact contest categories will be determined after all entries are received and appropriate groupings are apparent. Possible categories might be: Blooms, Exotics or Tropicals, Trees & Shrubs, Creatures in Our Gardens, The Oddest Things Found in the Garden, Veggies, Garden Scenes, etc.

When: Deadline for receiving entries is July 15, 2008.

Send digital file entries to: photocontest@indymgconf.org no later than July 15.

Prints should be received by entry deadline and can be delivered or mailed to

MG Photo Contest, Purdue Extension – Marion County, 6640 Intech Blvd., Suite 120 Indianapolis, IN 46278-2012

Prizes: Entries will be judged by professional nature photographers Kevin Carlsen and Darryl Jones, and prizes will be awarded at the 2008 MG State Conference in September. The winning images will be used on the 2009 Indiana Master Gardener calendar (available for sale at the conference). The top three winners will receive an 8 x 10 framed and matted copy of their image, fourth and fifth places will receive a set of note cards imprinted with their images.

All photo contest entries will be on display at the conference, and conference attendees will vote to determine the “People’s Choice” winners. The popular vote decided on Friday will be announced at the conference.

Submissions: Up to 3 photos may be entered by an individual Indiana MG. Please include the following information with each photo submitted: your name, your telephone number with area code, your email address, or street address if no email, title of photo, information about photo such as where it was taken and something about the subject matter.

(continued on page 11)

What: MG Statewide Photo Contest

When: Deadline for submission is July 15

Categories: Possibilities include Blooms, Exotics or Tropicals, Trees & Shrubs, Creatures in Our Gardens, Oddest Things Found in the Garden, Veggies, Garden Scenes

Prizes: Photos will appear in 2009 MG calendar; top three receive framed matted copies of their images; fourth and fifth places receive notecards imprinted with their images

Submissions: Up to three per entrant

Ownership: Photographer retains ownership rights

Volunteer Opportunities Compiled by Nancy White

Location	Time	Jobs	Contact
Hilltop Garden and Nature Center	year around	various	Greg Speicher, 855-2799 or gspeiche@indiana.edu
Templeton Garden Project	spring/fall	teaching children	Nancy White, 824-4426
MG Demonstration Garden	seasonal	various	Bethany Murray, 339-8876, bethany.murray@gmail.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	Barbara Hays, 332-4032
MG Program Committee Member	year around	plan MG programs	Nancy White, 824-4426 Bob Baird, 331-1308
Middle Way House	seasonal	various	Clara Wilson, 333-7404
Wylie House	year around	various	Sherry Wise, 855-6224
Garden Villa	year around	educate seniors	Rene Thompson, 339-1657
Mother Hubbard's Cupboard	year around	education, resource	Libby Yarnell, 355-6843
WonderLab Garden	2 times monthly	various	Nancy White, 824-4426

PLEASE WEAR YOUR NAME BADGE WHEN VOLUNTEERING.

2008 Indiana MG State Conference Speakers Announced

Submitted by
Kathleen Hull,
Marion County
Master Gardeners

This is a reminder that the 2008 Indiana Master Gardener State Conference will be held in Indianapolis on September 26-28 at the Sheraton Hotel and Conference Center, which is located at the Fashion Mall at Keystone at the Crossing, on the north side of the city just off of I-465.

Registration will begin on June 1, 2008. Space limits the conference to 220 registrants.

The fiscal arrangements with the Sheraton are such that the attendees staying in the Sheraton Hotel are, in fact, offsetting the cost of the meeting to a considerable extent. So please be aware that the conference registration committee will give priority to those registrants who are staying at the hotel – until the required block of hotel rooms has been filled.

Detailed information about the conference will appear soon on the conference website <http://indymgconf.org>. Information about the Indiana Master Gardener Photo Contest and State Conference Registration Forms also will be available on that site.

Meeting highlights: At the main conference (Friday noon-Saturday 4:00), general session speakers and topics include Tim Wood, “The Hunt for Plants that Please”; Joh Friel, “Enjoying Plant Nomenclature”; and Bob Hill, “Four Seasons of Fun”.

Concurrent sessions topics and speakers include “Poisonous Plants” by R. Brent Furbee, MD; “Ornamental Vines” by Mary Welch-Keeseey; “Fabulous Foliage” by JoEllen Meyers Sharp; “Hydrangeas” by Tim Wood; “Perennials” by John Friel; “Arisaema” by Chris Wilhoite; “Native Plants” by Lee Reich; and “Pest Resistant Plants” by Steve Mayer.

Pre-Conference Options (Friday morning) features two workshops, “Dead Plants DO Tell Tales – but DYING Plants Tell More” by Gail Ruhl and “Tree Identification” by Sally Weeks, and a bus tour of three private gardens. The post-conference option offered on Sunday includes a tour of the private garden of Gilbert & Emily Daniels and a visit to outstanding public gardens of Indianapolis

What: 2008 Indiana Master Gardener State Conference

When: September 26-28

Where: Sheraton Hotel & Conference Center, Keystone at the Crossing

Registration: Begins on June 1, limited to 220 attendees

Speakers: Tim Wood, Joh Friel, Bob Hill, R. Brent Furbee, Mary Welch-Keeseey, JoEllen Meyers Sharp, Chris Wilhoite, Lee Reich, and Steve Mayer



Plant a Row for the Hungry

To address local issues of community food security, City of Bloomington Parks and Recreation joins with Worm's Way, Hilltop Garden and Nature Center, Bloomingfoods Market and Deli, Mother Hubbard's Cupboard and Hoosier Hills Food Bank in encouraging gardeners to grow an extra row for a hungry family. In 2007, the campaign raised over 21,000 pounds of fresh produce, which was distributed through the Food Bank.



CITY OF BLOOMINGTON
parks and recreation

For more information call 349-3737
or e-mail PUB@bloomington.in.gov.
www.bloomington.in.gov/parks



2008 Indiana MG Photo Contest Announced (continued from page 8)

Submitting Prints: Prints must be 4 x 6 inches or 5 x 7 inches and must be in color. Do not send negatives. Attach a label to the back of each print with your name and address. Do not write directly on the photo itself. If submitting multiple entries, number each print to match the corresponding required information. Prints may be returned if requested, but do not send your only copy. MC MGA is not responsible for loss or damage to your print.

Submitting Digital Images: Digital images should be formatted to 72 dpi, no larger than 3000 by 2000 pixels and no smaller than 2000 by 1500 pixels. Images should be submitted in JPG at high quality (a high-quality JPG file will be somewhere between 1.5 MB and 6 MB). File sizes less than 500 KB per image will be acceptable as contest entries, but those small file images would not be suitable for enlargement to become full-size monthly images in the calendar. Consumer digital cameras may refer to the suggested settings as FINE or HIGH QUALITY.

Image Modifications: Images must be in natural color. Black and white, sepia tone, and duotone images are not eligible. Please note that names, logos or writing on photo entries is not permitted and that these markings must be removed prior to submission.

Entrants must not infringe on the rights of any other photographer or person. Do not submit images that involve the willful harassment of wildlife or damage to the environment by the photographer. Photos that have been digitally altered beyond standard optimization (removal of dust, cropping, adjustments to color and contrast, etc.) or are photo composites will be disqualified. Minor digital enhancement is permitted, but images that have been significantly modified or appear unnatural will be disqualified.

Not Permitted: No borders or frames may be added to images; no watermarks, signatures, or copyright notices may be added to images; adding or replacing elements in an image is not permitted; artistic filters are not permitted.

Permitted Modifications: Images may be cropped and rotated as necessary as long as the rectangular format is maintained and the size is within the specifications above. Images may be resized as long as the aspect ratio is maintained. Red-eye removal and spot editing. One-step enhancement (such as "AutoFix", "QuickFix", "Auto Levels", etc.). Use of filters to sharpen, soften, blur, despeckle, or remove noise. Use of corrective functions to improve the natural appearance of the image, such as levels, contrast, brightness, curves, intensity, tone, hue, saturation, lightness, value, color balance, and tint.

Ownership/Use Rights: Photographers retain the copyright to their photographs. Do not submit a photo taken by someone other than yourself. You must be the sole owner of the copyright of any image submitted. Your submission of the photo and entry information is your guarantee that you are the author and copyright holder of the photo.

By entering the contest, photographers agree to have their submitted photograph displayed on the Indiana Master Gardener Calendar (prepared by MC MGA) without any fee or other form of compensation. Photos will be credited to the MG photographer.

Entries (including non-winning entries) may be selected for display or use in Purdue Extension web pages, with permission from the photographer. Entrants agree that Purdue Extension or MC MGA may contact them to obtain permission for use of photos in this way. MCMGA retains the discretion to disqualify that photograph and discontinue use of the photograph.

For additional information, contact Kathleen Hull, 7899 N. Briarhopper Road, Monrovia, IN 46157, 317-996-4380 or email hullk@ccrtc.com.

May 2008 Volume 24, Issue 5

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

FIRST CLASS MAIL

RETURN SERVICE REQUESTED



**MG General Meeting on Tuesday, May 27,
at 6:00 p.m. in the Community Building
at the Monroe County Fairgrounds**

2008 MASTER GARDENER BOARD

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