

WEED 'EM AND REAP

THE NEWSLETTER OF THE DELAWARE COUNTY MASTER GARDENER ASSOCIATION | MARCH 2018

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QUESTIONS?

Contact the helpful staff of the Delaware Co. Extension Office Room 202, 100 W. Main Street Muncie, IN 47305-2879 Phone: 765.747.7732

NEWSLETTER SUBMITTALS

To submit an article for the upcoming newsletter or to report an error in the publication, please email kdkoger@gmail.com

Upcoming Meeting

SPRING BANQUET

The annual DCMGA Spring Banquet will be held on **Wednesday, April 18** at Riverside UMC. Please mark your calendars accordingly. Be prepared to cast votes for the *2018 Master Gardener of the Year* award at the March monthly meeting in preparation for the banquet. Contact Nancy Reynolds with questions.



Become a Citizen Scientists with The Great Sunflower Project

Take part in this fun, yet educational project this summer. Simply register online, plant non-neonicotinoid treated 'Lemon Queen' sunflower seeds this spring, and pledge to record three, 5-minute counts of the number of pollinators that visit the flowers. More information and detailed instructions can be found by visiting www.greatsunflower.org. It is a great opportunity to get children interested in gardening too!

Remember to report your volunteer and educational hours at www.purdue.edu/hla/sites/master-gardener.



Stay connected with the DCMGA by visiting delcomastergardener.org to learn more about upcoming activities, view photos from recent events, and read the latest edition of the newsletter.

It is the policy of the Purdue University Cooperative Extension Service that all persons have equal opportunity and access to its educational programs, services, activities, and facilities without regard to race, religion, color, sex, age, national origin or ancestry, marital status, parental status, sexual orientation, disability or status as a veteran.

Purdue University is an Affirmative Action institution. This material may be available in alternative formats.

March Treasurer's Report

Kate Bell, Secretary



Date of Report 4/15/2018	Budget	\$41,669.00	\$41,697.00	\$41,728.00	\$41,758.00	Total
Balance brought forward *		\$10,030.08	\$10,150.54	\$10,173.93	\$10,068.87	
Income		\$120.46	\$130.39	\$260.00	\$740.00	\$1,250.85
Expenses		\$0.00	\$107.00	\$95.08	\$203.82	\$405.90
Balance on hand		\$10,150.54	\$10,173.93	\$10,138.85		
Income						
MG Dues		\$120.00	\$130.00	\$60.00	\$10.00	\$320.00
Banquet					\$630.00	
Garden Fair						
Garden Walk						
Future Master Gardeners						
Mini Master Gardeners						
Plant Sale						
Education & Projects				\$200.00	\$100.00	
Miscellaneous						
Advanced Garden School						
Interest		\$0.46	\$0.39	\$0.42		\$1.27
Total		\$120.46	\$130.39	\$260.42	\$740.00	\$1,251.27
Expenses						
Mini Master Gardeners	\$650.00				\$5.11	\$5.11
Future Master Gardeners	\$650.00				\$5.11	\$5.11
Farm Fest	\$650.00		\$107.00	\$139.98		\$246.98
Education & Projects	\$2,550.73			\$100.00	\$193.60	\$293.60
Trees Committee	\$500.00					\$0.00
Farmers Market	\$200.00			\$30.00		\$30.00
Garden Fair	\$100.00					\$0.00
Garden Walk	\$300.00					\$0.00
MG Scholarship	\$150.00					\$0.00
High School Scholarship	\$200.00					\$0.00
Living Lightly Fair	\$200.00					\$0.00
Washington Street	\$100.00					\$0.00
Growing Through Gardening	\$400.00					\$0.00
Fund Raising						
Plant Sale	\$275.00					\$0.00
Association Expenses						\$0.00
Banquet	\$100.00					\$0.00
Board Expenses	\$100.00					\$0.00
Booklets	\$225.00			\$95.08		\$95.08
Insurance	\$350.00					\$0.00
Meetings	\$200.00					\$0.00
Misc.	\$200.00					\$0.00
Picnics	\$150.00					\$0.00
Website	\$250.00					\$0.00
Postmaster/Newsletter	\$100.00					\$0.00
Total	\$8,600.73	\$0.00	\$107.00	\$365.06	\$203.82	\$675.88

*Report current as of April 15, 2018

March Meeting Minutes

Wednesday, March 21, 2017



President Dottie Kreps called the meeting to order at 7:55 pm. 33 members and guests in attendance.

The monthly program focused on the Dr. Joe and Alice Rinard Orchid Greenhouse (ROGH). The ROGH is located near the south edge of Christy Woods on the Ball State University campus.

Susan Plesha, a Master Gardener and Friend of the Rinard Orchid Greenhouse, delivered an informative presentation on the greenhouse, orchid collection, and volunteer opportunities.

Susan began her presentation by providing an overview of the history of the greenhouse. The first greenhouse was constructed shortly after the university received a large donation of orchids from Bill and Goldie Wheeler in 1971. The initial collection of orchids was designated as the *Wheeler Orchid Collection* and Species Bank in honor of Indianapolis couple. The 1,500 square foot greenhouse construction was funded by private donations.



In 1982, Al Thanhauser of Connecticut gave another large donation of nearly 600 orchids. The orchid collection was official renamed the *Wheeler-Thanhauser Orchid Collection*.

In 2009, Ball State University initiated a capital campaign for a newer, larger greenhouse to accommodate the ever-growing orchid collection. The new 3,400 square-foot state-of-the-art greenhouse was constructed in 2014 and named after Alice Rinard. Her husband Joe, a BSU alumni and retired dentist, made a significant financial contribution for the construction of the new facility

in honor of his late wife and her love for orchids.

Today, with more than 2,000 orchids representing 240 genera and 1,500 species, the ROGH houses the largest university-based orchid collection in the United States. Ball State University continues to seek new orchid and financial donations in order to expand the greenhouse and its collection.

The ROGH's mission is to educate, provide a place of mediation, promote conservation of orchids to the general public. As a designated plant rescue center and way station, the ROGH is home to occasional deliveries of orchids that were illegally transported or smuggled into North America.

The greenhouse floor plan consists of three primary spaces or rooms: the main Display Conservatory, the Warm House, and the Cool House. The facility also contains restrooms, office space, and a prep room.

The Display conservatory, located just inside the main public entrance, highlights many orchids, trees, and other plants found in the tropical regions of the world. Several larger amphibian tanks are home to turtles and poison arrow frogs, while a bubbling fountain contains koi fish. A faux tree also bares many epiphytic orchids and tropical plants.

The Warm House features a majority of the orchid collection. A few workbenches are present for repotting plants. Several benches are scattered throughout the room for visitors to rest. The facility's mechanical system provides much of the heating and cooling. The computerized zone-controlled watering system collects water from the facility's 1,500-gallon cistern and filters it through a 500-gallon reverse





osmosis storage tank. Evaporation cooling pads and a supplemental humidification system are some of the other technologies used in the greenhouse. The orchids are hand watered with the purified rainwater on a regular basis with fertilization occurring every two or three weeks.

The current collection includes over sixty species of *Phalaenopsis* (moth orchid) and thirty varieties of *Cattleya* (corsage orchid). The orchids vary diversely in color and size of the sepals and petals. Flowers may last as long as two or three weeks. The *Dendrobium* group of orchids is the second largest genus with over 1,200 known species. Some of them are used to make medication. The *Bulbophyllum* group of orchids is the largest genus with over 2,800 species.

The ROGH also houses *The Betty Kendall Lady's-slipper Orchid Collection*.

The ROGH is open Monday through Friday, 10 am to 4:30 pm and Saturdays, from 10 am until 3 pm. A volunteer docent is present most of the time to help answer questions and provide guided tours of the collection. The greenhouse is currently in need of volunteers. Volunteer training will be provided. Susan noted that many Master Gardeners volunteer at the greenhouse throughout the year. Tasks vary and have included moving plants, guiding tours, and helping build the tree in the Display Conservatory.

A brief intermission was held.

CALL TO ORDER

Dottie Called the business meeting to order.

APPROVAL OF MINUTES

The February meeting minutes were approved as written.

TREASURER'S REPORT

Treasurer Kate Bell was not present. It was reported that as of two weeks prior to the meeting, the DCMGA currently has \$10,300 in the treasury. An additional \$60 collected in membership fees and \$95 for expenses is outstanding. The report was approved.

COMMITTEE REPORT

Delaware Co. Farm Festival

HC Cross reported that 11,500 children visited the DCMGA booth at the Delaware Co. Farm Festival. Children planted seeds in cups to take home. Some of the seeds planted included watermelon, pumpkin, and sunflower. Many Master Gardeners helped set-up for the event and worked with the children during the day. Burpee generously donated seed for the event. HC Cross reminded Master Gardeners to save unused seeds in preparation for next year's event.

Children Camps

Dottie Kreps informed Master Gardeners that the Mini-Master Gardener Camp is still in need of clear 2-liter bottles. Twenty-one children have registered for the camps. The steering committees are still looking for a few more volunteers to work the Future and Mini-Master Gardener Camps. Specifically, the group is looking for an individual to teach a lesson on growing vegetables. The Mini Camp will be held on April 14. The Future Master Gardener Camp will be held on April 28. Both camps will be hosted at the Mansfield Park Lodge. The next planning meeting is scheduled for Saturday, April 7 at the Kennedy Branch Library.

Plant Sale

Dottie Kreps reported that the DCMGA Plant Sale would be held on Saturday, May 19 at the Forest Park Senior Center. All Master Gardeners are encouraged to donate 10 or more plants for the sale. Set-up for the sale will be on Friday, May 18 at a time to be announced. Contact Nancy Reynolds with questions.

Indiana Flower and Patio Show

Mary Ippel reported that four Delaware County Master Gardeners worked at the Purdue Extension Plant Info To-Go booth at the Indiana Flower and Patio Show. The Master Gardeners interacted with 60 attendees. The group answered many garden-related questions.

Growing Through Gardening

Karen Ford reported on the decorations for the upcoming Growing Through Gardening School. They will include a potholder, small glass jar of preserves, decorative garden tools, and dried corn. Karen asked anyone willing to donate extra jars for the event to contact her at their convenience. Barb Rudicel indicated that she had 15 jars that she could donate.

Garden Walk

Nancy Miller reported that the Garden Walk has three gardens scheduled for this year's event. The committee is still looking for 3 more showcase gardens. Contact Nancy Miller with any ideas for gardens.

OLD BUSINESS

Scholarship

Mary Ippel Reported that the DCMGA Scholarship application forms were sent to high schools in Delaware County. The scholarship committee is waiting for responses from the applicants.

Manor Neighborhood Garden

Barb Crawford reported that the neighborhood and garden leaders are gathering plants for the proposed pollinator garden. Barb has ordered a few, but requested donations from Master Gardeners. See Barb for a list of desired plant species. Barb also indicated that the group is in need of clay bricks or pavers by March 25th. Barb indicated that she would be applying for a few grants to help support the garden.

State Conference

Dottie Kreps reminded the group that the DCMGA is willing to send a member to the State Master Gardener conference this year in Danville, Indiana. She is still looking for a few names of members who are interested. All names will be placed in a hat. One name will be drawn from the hat and selected

to attend. A portion of the registration fee will be paid by the DCMGA. Contact Dottie if interested in participating.

Upcoming Purdue Bus Trip

Mark Carter reported that Karen Mitchell, Tippecanoe County Extension Education, is planning a garden walk in June for the Purdue University campus and Tippecanoe County Demonstration Garden. More information and registration forms will be available at a later date.

Volunteer Opportunity

Mary Ann Ross reported that Wasson Nursery is looking for a few Master Gardeners to volunteer. Responsibilities will include walking around the garden center and helping answer garden questions posed by customers. The Garden Center will open the Monday after Easter. Contact Wasson Nursery with inquiries. Hours are flexible.

ROGH Plant Sale

Dottie reminded members that the Rinard Orchid Plant Sale would be held on Saturday, April 28. The greenhouse would like to have two or more Master Gardeners at the event. Master Gardeners would be required to aid attendees and help answer questions. Contact Susan Plesha if you are available to volunteer.

Spring Banquet

The DCMGA Spring Banquet will be held on Wednesday, April 18th at the Riverside UMC. The banquet begins at 6pm. Send registration forms and money to Kate Bell by April 13th.

Members having a March birthday were recognized.

Having no other items for discussion, the meeting was adjourned at 8:35pm.

Respectfully submitted,

Deanna Hines, Secretary

Indiana Daylily-Iris Society's Water Lovers of Asia Tuesday, May 1 | 6:30pm

Join guest speaker Chad Harris of Mt. Pleasant Iris Farm as he speaks on *Iris ensata*, *Iris laevigata*, and the new hybrid "Pseudata".

IDIS monthly meetings are free and open to the public. Meetings are held at the First Friends Church, 3030 Kessler Blvd., East Drive, Indianapolis. For more information, visit www.indianadaylilyirissociety.org

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ART IN BLOOM

at the
David Owsley Museum of Art



image: www.cincyctic.com

Join community members and other art enthusiasts for the annual Art In Bloom exhibition on the weekend of May 18th. Art in Bloom is an annual event and exhibition celebrating the David Owsley Museum of Art (DOMA) through innovative floral interpretations created by the region's top floral designers.

The Friday, May 18 opening reception is a fundraiser supporting the museum's programs and acquisitions. The floral arrangements will be on view for the public May 19-20 during normal open hours, 1:30-4:30 p.m.

Johnson County Garden Club's Garden Celebration Saturday, May 5 | Franklin

Hosted with the Purdue Master Gardeners of Johnson County, this annual event will include more than 50 flower, plant, and garden art vendors along with guest speakers. New this year will be the Mobile Garden Classroom featuring environmental educator Greg Marlett of the Morgan County Soil and Water Conservation District. Seed packets and tree saplings (bald cypress, buttonbush, chestnut oak, pawpaw) will be given away while supplies last. Breakfast and lunch will be available for purchase. Admission is \$2 at the door. The event will be hosted at the Johnson County Fairgrounds, 250 Fairground St, Franklin, from 9am until 3pm. Visit the Johnson County Facebook page for more information.

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Indianapolis Hosta Society Gardens of France Monday, May 14 | 6:30pm



image: catsandfloral.com

Experience the delights of French gardens as seen through the eyes of tour guides Linda and Ron Williams, owners of Garden Travelers. Their European presentations always deliver stunning visuals with interesting narratives about the people and places they discover along the way.

The event is free and open to the public. The lecture will be held at the Holliday Park Nature Center, 6363 Spring Mill Road, Indianapolis. Visit indianapolishostasociety.org to learn more.

UPCOMING PLANT SALES

support local groups while also finding rare or unique plants for your home and garden

Indy Urban Acres Plant Sale

Daily, April 14-May 12

Indy Urban Acres | Indianapolis

Choose from flowers, herbs, tomatoes and other assorted vegetable plants. Every sale is a donation to Indy Urban Acres, and helps them to continue their mission to empower and educate people by providing equitable access to free, high quality produce.

Pre-order online at iuaplantsale.weebly.com and pick up your nicely organized order at the Indy Urban Acres, or come out and browse around. Hours of operation vary.

More info: Tyler Gough, 317-646-2300

Indiana School for the Blind & Visually Impaired Spring Plant Sale

April 20- May 12 | Times Vary

ISBVI | Indianapolis

Students enrolled in the ISBVI Horticulture Program, along with Master Gardener volunteers and the horticulture teacher, tend the greenhouse, growing and propagating plants. This sale includes annuals, perennials, herbs, hanging baskets, native plants, and vegetables (including heirloom varieties). Cash or checks will be accepted, but not credit cards. The greenhouse will be open to the public weekdays from noon to 5:00 p.m., Saturdays 9:00 a.m. to 4:00 p.m., and closed Sundays. Indiana School for the Blind and Visually Impaired is located at 7725 N. College Avenue, Indianapolis.

More info: 317-253-1481, ext. 207

Dr. Joe and Alice Rinard Greenhouse Annual Plant Sale

Saturday, April 28 | 9 am-Noon

Christy Woods | Muncie

Support the greenhouse while selecting from a diverse collection of succulents, ferns, orchids, native perennials, herbs, and other garden items. An orchid re-potting demonstration will be held at both 10 and 11am. Friends of the Rinard Orchid Greenhouse members will have the opportunity to participate in a special presale event on April 27, 6-7pm and receive a 10% discount on all orders. Donated plants for the event will be accepted until April 23.

More info: Cheryl LeBlanc, 765-285-8839

Native Plants Unlimited Plant Pick-up and Sale

Daily, May 4, 5, & 6

Geist Nursery | Fishers

Customers who placed advance orders should expect to pick up their plants Friday, May 4 through Sunday, May 6 at Geist Nursery, 9890 Mollenkopf Road, Fishers, Indiana. Sale of open stock will continue through Sunday, May 20.

More info: www.nativeplantsunlimited.com/plantsale

Hancock County Herb Society & Master Gardener Association Plant Sale

Daily, May 4 & 5

Hancock Co. Fairgrounds | Greenfield

Get expert advice and select from a large array of plant choices at the sale. The Herb Society offers a variety of culinary, medicinal, and decorative herbs, along with tomato and pepper plants and potted perennials. Master Gardener choices include an extensive variety of perennials, vegetable plants, geraniums, begonias, and woodland plants. Friday 8:00 a.m. to 6:00 p.m.; Saturday 8:00 a.m. to 3:00 p.m., The sale is located at the Hancock County Fairgrounds 4-H Show Arena, 620 Apple Street, Greenfield.

More info: Carolyn, 317-326-2274 or Jane, 317-861-8145

Friends of Mounds State Park Annual Native Plant Sale

Saturday, May 12 | 10am-2pm

Mounds State Park | Anderson

Join the Friends of Mounds State Park on the lawn next to the Nature Center for the annual plant sale. There will be over 100 species of native plants available for purchase. All proceeds go to the Friends group to support Mounds State Park. Plants go fast, so come early! Purchases can be made with cash, check, or credit card. A \$7 park entry fee will be required.

More info: Mounds Nature Center, 765-649-8128

Madison County Master Gardeners' Annual Plant Sale

Saturday, May 12 | 9am-2pm
Madison County Fairgrounds | Alexandria

A huge variety of plants will be available for sale, grown by local Master Gardeners. There will be garden decor, gloves, and treasures for sale. Gardeners are encouraged to bring tools to participate in the tool sharpening clinic. The day will also include free educational materials and lectures covering many aspects of gardening. The "Ask a Master Gardener" service will be available to provide gardening advice. Proceeds go to students in Madison County interested in horticulture-related careers and community activities supporting horticultural practices in Madison County.

More info: Beth, 765-641-9514

Indiana Native Plant and Wildflower Society Native Plant Sale & Auction

Saturday, May 12 | 10am-2pm
Park Tudor School | Indianapolis

There is sure to be something for everyone at this popular annual event at Park Tudor School, 7200 N. College Avenue, Indianapolis. Native plants for shady, sunny, and wetland settings will be available. The choicest, rarest plants are set aside for the plant auction, an entertaining and informative opportunity to learn about Indiana natives. Returning pre-sale speaker is biologist/botanist Dawn Slack, who works as a land steward for The Nature Conservancy and chairs the Invasive Plant Advisory Committee for the Indiana Invasive Species Council. Dawn will talk about the role invasive plants play in our environment, and the importance of replacing them with Indiana native plants. The \$10 fee for the talk entitles ticket holders to start shopping 15 minutes before the public and get a discount off an auction purchase. Alongside the plant sale, INPAWS will sell select books. Pre-sale talk begins at 9:30 a.m. Plant sale is open 10:15 a.m. to 12:30 p.m. Live auction begins at 11:15 and continues until every plant is sold.



2nd Annual Plant Sale

Saturday, May 5 | Noon-6pm
Marian University | Indianapolis



Celebrate spring with the Nina Mason Pulliam EcoLab for the second annual native plant sale! Come learn how to add some pizzazz to your gardens using native plants and how you can help pollinators. Choose from almost 30 different species of native flowers, grasses, and sedges. Knowledgeable staff will be on hand to help you make the right decisions for your outdoor space and personal preferences.

Guided tours of the EcoLab will be provided at 1 p.m. and 3 p.m. Learn about the restoration efforts on the nearly 75-acre property on the beautiful Marian University campus!

The plant sale will be held between Marian Hall and the new Byrum School for Business on the northeast side of campus, across from Allison mansion. If storms are present or weather conditions are otherwise unpleasant, we will move into the front hallway in Marian Hall. Marion University is located at 3200 Cold Spring Rd, Indianapolis.

More info: Stephanie Schuck, sschuck@marian.edu

Hamilton County Master Gardeners Annual Plant Sale

Saturday, May 19 | 8am-3pm
Hamilton County Fairgrounds | Noblesville

More than 12,000 plants will be available for sale to the public. Bearded iris will be dug to order at the Iris/Daylily bed. Proceeds from the sale support scholarships for students in Hamilton County interested in horticulture-related careers. Grants are also awarded to support local groups and schools with horticultural programs. The sale will be located in the Exhibition Hall, Hamilton County 4-H Fairgrounds, Noblesville.

More info: 317-776-0854 or visit www.hcmga.org

Perennial Premiere at Newfields

April 28-29 | Indianapolis



Join the horticulture experts of Newfields for the annual celebration of spring for the home gardener. This signature event of Hello Spring provides a chance for guests to shop for the best plants for your garden and ask questions. Shop the cream of the crop on Saturday from noon to 4pm and then come back for a big, plant clearance sale on Sunday from noon to 3pm. Newfields is located at 4000 Michigan Road, Indianapolis.

Visit discovernewfields.org for more information.

Earth Day Arborfest

Saturday, April 21 | Anderson



Come out and celebrate Arbor Day with the City of Anderson Parks Department, Mounds Greenway: Muncie-Anderson-Indianapolis, Robert Cooper Audubon Society, and the Hoosier Environmental Council. Open to the public, guests will enjoy free food, children's activities, exhibits, and tree planting demonstrations. A silent auction and tree seedling giveaway will also be available. A guided bird walk through the park will begin at 11:30am.

The festival begin at 11am and last until 3pm at Shadyside Park, 1112 Broadway Street, Anderson. Call 648-6848 with questions.



Earth Day Celebration

April 21st | 10am-2pm

Join local families and environmental organizations for the annual Family Earth Day Celebration at Hayes Arboretum, 801 Elks Road, Richmond. Activities include a recycled art show, free tree giveaway, vendor booths, door prizes, family games, and free food.

Visit www.hayesarboretum.org to learn more.



Container Vegetable Gardening Workshop

Wednesday, May 2 | 6pm-7pm

Farm to table restaurants are taking over, but did you know it's easy to grow vegetables for your own cooking? Come find out why vegetable gardening is easier than you think at Wasson Nursery!

Container gardening is convenient, perfect for smaller yards and can help you save money on produce! In this hour-long session, you'll learn about container sizes, soil, and elements (water, sun, food).

Then we'll teach you which vegetables thrive in a container setting, great combos and what to expect.

Be sure to come with questions! We'll be happy to answer them! Attend this workshop and learn how to grow your own food in no time!

Participation in this event is free, but online registration is required. Visit www.eventbrite.com/e/container-vegetable-gardening-muncie-tickets-44797310963?aff=efbeventix to sign-up.

Cope Environmental Center's **Tree-riffic Leaves Hike & Lecture** Saturday, May 26 | 12:30 pm

Learn about trees and leaves from the CEC staff. We will talk about some of Indiana's native trees, go out on a hike to try and identify some of these trees, and make a bookmark by using the leaves we collect during the hike. This event is free and open to the public, but donations will be accepted. Guests are encouraged to wear comfortable shoes for the hike.

The Cope Environmental Center is located at 1730 Airport Road, Centerville. Contact Kaitlyn Blansett (765) 855-3188 or k.blansett@copeenvironmental.org with questions.

Red-tail Land Conservancy's **Spring Wildflower Celebration** Sunday, April 29 | 2:00 -5:00 pm

Enjoy a unique opportunity to visit the conservancy's Phyllis and Frank Yuhas Woods, 5970 W CR 400 South, Farmland. The property contains one of the most diverse concentrations of wildflowers in the state of Indiana. Events include self-guided and guided wildflower hikes, wildflower photography lessons, and a photo contest. The celebration is fun for the entire family!

Visit www.fortheland.org or contact Julie Borgmann (765) 288-2587 to learn more about the annual event.



Delaware County Master Gardener Association's

2018 Spring Plant Sale Saturday, May 19 | 8am - 11am

Muncie-Delaware County Senior Center
2517 W. 8TH Street, Muncie, Indiana

Set-up will be Friday, May 18 (3pm to 6pm).
Please plan to bring plants on Friday, if possible.

A sign-up sheet will be available at the next meeting. Please plan to volunteer. You will earn service hours AND you will have fun!

Direct questions to Nancy Reynolds, via phone at 759-7971 or 729-1703.

MASTER GARDENERS, DON'T FORGET...

- Each Master Gardener is asked to donate 10+ plants. Remember to bring healthy & clean plants.
- Label each plant with identification and care instructions.
- Price each plant with whole number increments if practical.
- Unique & rare plants sell very well.
- Odds-and-ends including garden tools, books, & pots sell well too!
- Check with friends and neighbors for donations of plants or bulbs.

Muncie Arbor Day Celebration

Celebrating 20 Years as a Tree City

Saturday, May 12 | McCulloch Park



Come celebrate Arbor Day with the Muncie Urban Forestry Program, Muncie-Delaware Clean & Beautiful, and the Delaware County Master Gardener Association on Saturday, May 12. This year's event will celebrate the City of Muncie's 20th consecutive year being designated as a **Tree City USA**. The Tree City program, moderated by the Arbor Day Foundation, recognizes cities across America who maintain a tree advisory board or committee, have a community tree ordinance, spends at least \$2 per capita on urban forestry, and celebrates Arbor Day with a community program.

Free food, shirts, and trees will be distributed during the event. Guest will be encouraged to help plant fruit and nut trees in Muncie's first community orchard located within McCulloch Park. The celebration kicks off at 11 am at the North Shelter, located between Highland Avenue and Centennial Boulevard.

More information can be found at the official Arbor Day Facebook page, www.facebook.com/events/225562984663929/.



Ball State University Dept. of Biology's Spring Wildflower Walks Saturday, April 14 & April 21 | 1-2 pm

Spring is in the air, and what better way to celebrate than exploring the wildflowers as they welcome the longer, sunnier days? Join the BSU Department of Biology for a leisurely walk through Christy Woods. Learn about Ball State's legacy of protecting nature in Christy Woods.

Tours are free and open to the public—no reservations needed, just meet at the central gate to Christy Woods on Riverside Avenue before 1 p.m. Parking is available for free along Riverside Avenue and Ball State parking lots R11 and G13 on Saturdays.

For questions, please contact Field Station land manager John Taylor at jetaylor@bsu.edu or 765-285-2641.

Where Have All the Flowers Gone?

by B. Rosie Lerner, Extension Consumer Horticulturist

Winter 2017-18 was pretty harsh compared to most years. Much of central and northern Indiana experienced 13 or more days well below zero, while southern Indiana had four to five days just a few degrees below zero. In addition, gusty winds further injured plants by desiccating buds and twigs.

The consequences remain to be seen. While some spring flowering trees and shrubs may perform admirably this season, some species will have few or no blooms at all, particularly in the northern half of the state. In addition, some plants may be late to leaf out, leaving us concerned that they died overwinter.

Some shrubs (such as forsythia) may flower only on the lower branches, where snow cover and leaf litter insulated them well. But for many specimens, there may be no flowers at all. A recent check of buds on forsythia plants on the Purdue West Lafayette campus revealed significant flower bud damage, evidenced by a brown center in the bud.

Many roses have experienced considerable dieback - some nearly to the ground. Some of these roses will still be able to bloom on new twigs that develop later this spring.

For plants such as magnolia and lilac, our bud checks look pretty good, but there's still more weather to get through before we know for sure.

While it is still possible that these plants may continue to show effects from the harsh winter, most should recover and return to normal blooming next year - assuming reasonable weather.

We recommend conservative pruning to remove only dead branches and to conserve as much foliage as possible, so that plants can maximize leaf area for photosynthesis to aid recovery.

Source: www.purdue.edu/hla/sites/yardandgarden/where-have-all-the-flowers-gone-2/

Cope Environmental Center's **Coping with Your Camera: Introduction to Nature & Wildlife Photography** Thursday, May 10 | 5-8 pm



Join Joe Halberstadt and Stephen Weddle as they teach guests about the basics of photography! This class is appropriate for beginners and advanced amateurs. We will learn the best settings for your camera during backyard birding and nature hikes. After the introduction to your camera and its settings, off to the trails we go for some hands-on experience. Please remember to bring your camera's instruction manual, dress for the weather, and a notebook for notes! Newer point-and-shoot cameras and DSLRs are all acceptable cameras for this class. Please NO cell phone cameras.

Cost to participate is \$20 for members; \$25 for non-members. The class will be held at the Cope Environmental Center, 1730 Airport Road, Centerville. Registration is required. Maximum of 10 participants. Please call or email Aubrey: a.blue@copeenvironmental.org (Payment required by the Tuesday before class).

Tuttle Orchard's Spring Garden Party April 21 | 11am-4pm

Bring the family to the orchard for tractor rides, kid's crafts, and outdoor yard games including Jenga, Yahtzee, and giant Twister. Browse the greenhouses for spring flowers and sample over 30 different Tuttle farm products. Enjoy a springtime lunch at the Tuttle Cafe. The event is free admission; however, some of the activities require \$2.50 tickets.

Tuttle Orchard is located at 5717 N CR 300 West, Greenfield. The Farm Store and Cafe are open daily, Monday through Saturday. Hours vary. Visit www.indianapolisorchard.com or call (317) 326-2278 to learn more.

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Hendricks County Master Gardeners' Gardening for All Ages Saturday, April 28 | 9am-4pm

Hendricks County Master Gardeners will host this free event. This year's educational sessions have information for gardeners of all experience levels, from total newbies to the ultimate green thumbs.

At 9:30 a.m., Master Gardener Becky Troutman will present "Garden Creation: The First Step." At 10:30, Master Gardener Colletta Kosiba's session is "The Best Annuals." At 11:30, Master Gardener John Dottenwhy's session is "Straw Bale Gardens." At 1:00 p.m., Master Gardeners Terri Tramm and Jackie Rosales will present "A Pollinator Garden." At 2:00 Chad Williams will present "Venus Fly Traps." At 3:00 p.m., Master Gardener Dick Meier will present "Foodscaping: Create an Edible Landscape." Gardening for All Ages will have over 60 garden-related vendors with plants, garden décor, bird-watching supplies, and advice to make this year's garden your best ever.

For more information check their Facebook Page, Facebook Event Page, or Website. The event will be hosted at the Hendricks County 4-H Fairgrounds, 1900 E. Main Street, Danville, Indiana.

Tuttle Orchard's Strawberry Day June 2 | 9am-6pm



Enjoy many special sweet treats that feature strawberries. Pre-ordered half flats (4 quarts) and Flats (8 quarts) of strawberries will be available for pick up in the Farm Store (pre-order is required as they sell out quickly). Other activities include a jam-making class, children's activities, and hayride. The event is free admission; however, some of the activities require \$2.50 tickets.

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Tuttle Orchard's Cherry Day June 30 | 9am-6pm



Guests will have the opportunity to purchase Michigan sweet and tart cherries from the Farm Store. Enjoy cherry-tasting treats from the Tuttle Cafe. Multiple children's activities and hayrides will be available. The event is free admission; however, some of the activities require \$2.50 tickets.

Tuttle Orchard is located at 5717 N CR 300 West, Greenfield. The Farm Store and Cafe are open daily, Monday through Saturday. Hours vary. Visit www.indianapolisorchard.com or call (317) 326-2278 to learn more.

How Well Do You Know Your Orchids?

Test your knowledge by matching these botanic terms with their descriptions.



1. Aerial Root
2. Bifoliate
3. Cattleya
4. Cypripedium
5. Dendrobium
6. Epiphyte
7. Keiki
8. Lip
9. Lithophyte
10. Monopodial Orchid
11. Phalaenopsis
12. Pseudobulb
13. Raceme
14. Sheath
15. Stomata
16. Terrestrial
17. Unifoliate
18. Velamen

- A.** A specialized root that grows above ground and used to capture nutrients from the surrounding air, provide physical support, and collect water.
- B.** A plant having two leaves.
- C.** A plant that naturally grows on the surface of another plant. Often found in tropical areas, this type of plant obtains water and nutrients from the air, rain, or other debris accumulating around it.
- D.** A Hawaiian word used to describe a baby plant that grows on the node of the flower stem and is produced asexually from the mother plant. Literal translation is "the little one".
- E.** A modified petal of the orchid flower that is used to aid in the process of pollination.
- F.** A thickened portion of the stem of many orchids that functions as a cavity to store water and nutrients.
- G.** A plant that grows on rocks.
- H.** The thick, sponge-like covering of the roots of epiphytic orchids which helps prevent water loss and aids in absorption.
- I.** A modified leaf that encloses an emerging inflorescence or leaf.
- J.** A genera of native North American orchids that feature a unique pouch-like petal. The genus includes Pink Lady Slipper, Small Lady Slipper, and the Showy Lady Slipper.
- K.** Flora which grow on the ground and are supported by soil.
- L.** A plant having one leaf.
- M.** An unbranched inflorescence of stalked flowers.
- N.** One of two main growth habits of orchids. This type of orchid features a single main stem with leaves. Aerial roots and flower stems emerge at the nodes above the leaf. Orchids with this growth habit lack pseudobulbs.
- O.** The most popular and most widely cultivated orchid genera. Orchids in this genera are epiphytic and can have blooms that last as long as five months. Providing a 10-20 degree day-night differential in temperature can induce flowering. Orchids in this genus are commonly called Moth Orchids.
- P.** A genera of orchid that prefers bright, hot, & dry growing conditions. These orchids often contain thin pseudobulbs and heavy, hard waxy leaves. Orchids in this genus are commonly called Corsage Orchids.
- Q.** A genera of orchid that enjoys bright light, warmer daytime temperatures around 60-90 degrees F, and underpotting. It is a long-lasting cut flower that is utilized as an edible garnish, for medicinal purposes, and to create Hawaiian leis.
- R.** Tiny breathing pores found on the surface of a plant's leaves.

ANSWERS:

1a, 2b, 3p, 4j, 5q, 6c,
7d, 8e, 9g, 10n, 11o,
12f, 13m, 14i, 15r, 16k,
17l, & 18h.



Plant Care Instructions






Common Name: _____




Height/Width: _____

Plant Type: _____

Bloom Color: _____

Bloom Time: _____

Sun Requirements:   
 Sun Shade

Water Requirements:   
 Wet Dry

Description: _____

Become a Master Gardener!
 Visit: www.delcomastergardener.org

Plant Care Instructions






Common Name: _____




Height/Width: _____

Plant Type: _____

Bloom Color: _____

Bloom Time: _____

Sun Requirements:   
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Monthly Gardener Checklist

April 2018

– written by Rosie Lerner, Extension Consumer Horticulturist, Purdue University

HOME (Indoor plants and activities)

- Start seeds of warm-season plants (including tomatoes, peppers, eggplant, marigolds, zinnias, and petunias) indoors for transplanting later to the garden.
- Harden off transplants started earlier in spring before planting outdoors – gradually expose the young plants to outdoor conditions of wind, brighter sunlight, and lower moisture.
- Apply fertilizer to houseplants according to label directions as days grow brighter and longer and new growth begins. Foliage plants require relatively high-nitrogen fertilizer, while blooming plants thrive on formulations that are higher in phosphorus.
- Keep Easter lily in a bright, cool location, out of direct sunlight. Water as soil begins to dry. You can remove the yellow, pollen-bearing anthers inside the flower by pinching to prevent staining the petals.

YARD (Lawns, woody ornamentals and fruits)

- Plant a tree in celebration of Arbor Day, April 27. You should plant bare-root stock before new top growth begins. You can plant balled and-burlapped and containerized stock later in spring.
- Complete pruning chores – remove dead and injured branches first.
- Apply a prebloom, multipurpose orchard spray to fruit trees.
- Remove winter coverings from roses, but keep mulch nearby to protect them from late freezes. Prune and fertilize as needed.
- Apply pre-emergent herbicide to control crabgrass in lawns. Approximate application dates are late March to mid-April in southern Indiana and mid-April to early May in northern Indiana. Exact timing varies each year with weather conditions. For more precise application timing based on Growing Degree Days (GDD), visit Michigan State University's GDD Tracker. Enter your zip code and select "Crabgrass Pre." The target GDD window for crabgrass prevention is 250-500.

GARDEN (Flowers, vegetables and small fruits)

- Plant seeds of cool-season crops directly in the garden as soon as the soil dries enough to be worked. When squeezed, soil should crumble instead of forming a ball. Cool-season crops that can be direct-seeded include peas, lettuce, spinach, carrots, beets, turnips, parsnips and Swiss chard.
- Plant transplants of cool-season crops, such as broccoli, cauliflower, cabbage, Brussels sprouts, kohlrabi and onions.
- Plant or transplant asparagus and rhubarb crowns. For best plant establishment, do not harvest until the third year after planting.
- Plant sections of certified, disease-free potato "seed" tubers.
- Allow the foliage of spring-flowering bulbs to remain in place after blooms fade. Leaves manufacture the food reserves, which are then stored in the bulb for a repeat showing next year.
- Plant hardy perennials, such as daylilies and delphiniums.
- Start tuberous begonias and caladiums indoors for transplanting to garden later.
- Remove winter mulch from strawberries, but keep mulch handy in case late frosts are predicted and to help keep weeds under control.
- Plant or transplant strawberries, raspberries, and other small fruit.
- Prune grape vines to remove dead or weakened limbs and to thin as needed.