



THE GARFIELD GARDENER

THE NEWSLETTER OF GARFIELD PARK MASTER GARDENER ASSOCIATION

February 2020 Next Meeting

February 12 (6:30 p.m.)

Topic: Volunteer
Opportunities

Speaker: GPMGA Members

March 11 (6:30 p.m.)

Topic: TBD

Speaker: TBD

Meetings occur the second
Wednesday of each month at
6:30 p.m. at Garfield Park
unless otherwise noted.

Future Meetings

April 8

May 13

June 10

July 8

Aug. 12

Sept. 9

Oct. 14

Nov. 18 (Third Wednesday)

Dec. 9

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university.

If you require an
accommodation or special
assistance to attend these
programs due to a disability,
please contact Steve Mayer at
317.275.9290. Some
accommodations may require
2 weeks notice.

Newsletter Editor:

Oren Cooley

pastpfct@aol.com

Learn more at:

www.IndyGPMGA.com

www.IndyMG.org

www.IndyHorticulture.org

President's Letter

The Gardener's Wish List

I can tell how I've evolved as a gardener by my wish list. This year, I have three items I am interested in. It used to be that my wish list would have said that I want another magnolia and another dogwood. Now, I want a Butterflies Magnolia and a Rutgers hybrid Dogwood. I also want a focal point evergreen at the end of my driveway. And, I want it to be something unique that nobody else in my neighborhood has, perhaps something weeping, maybe gold, interesting texture and not much more than about 20 feet tall and wide. Think Japanese garden.

I first learned of the Butterflies Magnolia from a friend who has one on either side of the garage door. Beautiful creamy yellow flowers that just smell divine. While it blooms in May, it does put out sporadic flowers through the summer, so you get little scent surprises all season. I can get one for about \$50 shipped bare rooted, or \$65 potted. Hardy in Zones 5-9. Plant in full sun to part shade and it gets 20-30' high. I thought about starting one from seed but, after doing a bit of research, I learned that this is a hybrid between *M acuminata* (the seed parent, and is generally the type of plant we think of as a typical magnolia) and *M denudata* (the pollen parent, which is a large tree we call the cucumber magnolia). Thus, if I want Butterflies, I must purchase one—as growing a hybrid from seed will likely not result in the desired plant.



Rutgers University in New Jersey has been hybridizing dogwoods for about 40 years now. When I visit family and friends in the NY/NJ area in the summertime, I am captivated by all the beautiful, large, flowering dogwoods with profuse blooms in many front yards. Anthracnose and dogwood borer are two of the biggest threats to the native American dogwood. Thus, Rutgers started cross-breeding our native dogwood with the Asian dogwood, *Cornus kousa*, a much hardier species. It took many years of trials before the first hybrid dogwood was released to the public in the 1990s. These hybrids are the most resistant to typical dogwood diseases, are vigorous growers and have a profusion of large showy blooms. *Cornus Venus* (a cross between *Cornus kousa* and *Cornus nutallii*) looks particularly attractive. I really don't care which series I get as long as it is a Rutgers hybrid. It looks like I can get one online for about \$60. I'll check what the local garden centers have first and pick from that selection.



What's on your Wish List?

—Lane Judkins, GPMGA President

Garfield Park Conservatory Tours

February 22 (2:30 p.m.)

Arlene Bow
Oren Cooley
John Montgomery

Anyone interested in becoming a tour guide should contact Victoria Metheaux at vmethx@comcast.net.

At the Conservatory

Discover the conservatory's resident coffee tree, learn about coffee's production and the drink's history—all while trying samples of different roasts of coffee—during *Conversations on Coffee* at 10:30 a.m. on Saturday, February 22.

Participants also will decorate their own mugs to take home. Registration required; Fee \$10 per person.

For more information, visit www.garfieldgardensconservatory.org.

Upcoming Hospitality Help

If you wish to help with a future meeting, please contact Jayne Queck at jaqueck@aol.com.

If you wish to help with the July 4 or the December pitch-ins, please contact Carrie Alumbaugh at carriesalumbaugh@gmail.com.

NEXT GPMGA Meeting: February 12

GPMGA members will share information about their various volunteer locations, projects and activities at the next GPMGA meeting at 6:30 p.m. on February 12 at the Garfield Park Conservatory.

Presenters will have five minutes each to discuss the details of their project, including the location, scope of volunteering, best times to volunteer and other information. The presenters also will have an opportunity to solicit some volunteers and to earn volunteer hours for preparing and making the presentation.

The GPMGA officers and committee chairs met during January to discuss various issues connected to the organization. The picture below was taken at that meeting by Becky Walker, the organization's historian.

(L. to R.: Cindy Maude, Bill Bernstein, Debra Boyer, Oren Cooley, Carrie Alumbaugh, Lane Judkins, Kay Martin-Pence, Nancy Boettner, Victoria Metheaux, Teresa McCurry, Jayne Queck)



2020 GPMGA Officers/Committee Chairs

President

Lane Judkins
APJ44@sbcglobal.net

Vice President

Bill Bernstein
billbe19@comcast.net

Secretary

Nancy Boettner
nancyboettner@sbcglobal.net

Treasurer

Cindy Maude
cmaude@sbcglobal.net

Plant Sale

Kay Martin-Pence
guitargirl929@gmail.com

Program Directors

Carrie Alumbaugh
carriesalumbaugh@gmail.com

Debra Boyer

idealgardenspace@aol.com

Hospitality—Snack Coordinator

Jayne Queck
jaqueck@aol.com

Hospitality—Set-up Coordinator

Teresa McCurry
tmccurry@iupui.edu

Hospitality—Pitch-In Coordinator

Carrie Alumbaugh
carriesalumbaugh@gmail.com

Newsletter/Publicity Director

Oren Cooley
pastpfct@aol.com

Conservatory Tour Coordinator

Victoria Metheaux
vmethx@comcast.net

Historian

Becky Walker
otisdog2@hotmail.com

Questions about Reporting Hours

Debbie Schelske
dschelsk@purdue.edu

Please contact the officers and chairs of the Garfield Park Master Gardener Association if you have any questions or suggestions .

22 Garden Centers Provide Discounts

A very special "Thank You" to the 22 local garden centers who this year generously agreed to give members of the Master Gardener Associations a 10% discount on regularly priced plants and garden merchandise, or to sell items to Master Gardeners at wholesale.

For 2020, the list of participating garden centers providing the discount include:

Allisonville Nursery: On green items (Not gift shop); www.allisonvillennursery.com

(Note that Allisonville Nursery is being sold to Sullivan Hardware & Garden; expected by mid-February)

Altum's Garden & Landscape: www.altums.com

Avon Perennial Gardens: www.avongardens.com

Butler's Flowers & Plants: <https://www.facebook.com/Butlers-Flowers-and-Plants-115983831794596/>

Cool Ponds: www.coolponds.net

Courts Yard and Greenhouse: www.facebook.com/CourtsYard-Greenhouse-150766741648819/

Cox's Plant Farm: www.coxsplantfarm.com

Eagle Creek Nursery Co., Inc.: www.eaglecreeknursery.com

Gary Greenhouse: www.garygreenhouse.com

Greendell Landscape Solutions: <http://greendelllandscape.com>

Habig's: Does NOT include: gift shop items, fresh produce purchases, special/custom orders, any sale items; <http://habiggardenshop.weebly.com>

Heartland Growers: (Wholesale prices, but \$200 minimum purchase and order ahead of pick-up, for MG Community Projects); www.heartlandgrowers.com

Heidenreich Greenhouse & Garden Center: www.facebook.com/HeidenreichGreenhouses/

Indiana Mulch and Stone: www.indianamulch.com

Jones' Greenhouse: www.jonesgreenhouse.com

McCarty Mulch & Stone, LLC: (Up to \$500 in sales only); www.landscapemulch.com

Soules Garden: <http://soulesgarden.com>

Sullivan's Garden Center: <http://sullivanhardware.com/pages/garden-center>

Sundown Gardens: www.sundowngardens.com

The Forest Flower-71st St.: www.theforestflower.com

Tiffany Lawn & Garden Supply, Inc.: (Wholesale prices given to MGs; discount % varies per item); www.tiffanylawnandgarden.com

Wanamaker Feed (does not include seed corn, farm-grade fertilizers & bagged soils and mulches); www.wanamakerfs.com



Garfield Park Master Gardener Association

in association with



Purdue Extension - Marion County

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Indiana State Fairgrounds
1202 East 38th Street
Indianapolis, IN 46205
Phone: 317.275.9290
FAX: 317.275.9309

E-mail: MayerSL@purdue.edu
Answerline: 317.275.9292 or
marioncountymg@gmail.com

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If you require an accommodation or special assistance to attend programs due to a disability, please contact Steve Mayer at 317.275.9290. Some accommodations may require 2 weeks notice.

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Questions: Contact Steve Mayer at mayersl@purdue.edu or Debbie Schelske at dschelsk@purdue.edu.

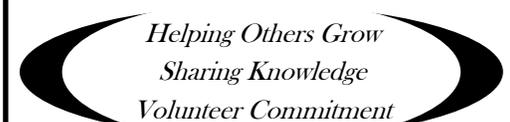
In addition, **Brehob Nursery** (www.brehobnursery.com)—which was sold in 2016 to Kansas City based DCA Outdoors—has retained the Brehob Nursery name and will extend wholesale prices to Master Gardeners who have a Nursery Dealers License. Be sure to take and file appropriate documentation. Also, **Perennials Plus** (<http://perennialsplus.nrostores.com>) will extend wholesale prices to Master Gardeners who have a Landscape Business or a Nursery Dealers License. Again, be sure to take and file your documentation with Perennials Plus.

To receive the 10% discount at the participating garden centers, remember to:

- Keep current your membership in the Master Gardener Association.
- Always present your 2020 membership card BEFORE the purchase. (Cards for paid members will arrive in March 2020.)
- Thank the managers/owners of the garden centers and let them know how much you appreciate their great support of Master Gardeners!
- Remember . . . your membership card is not transferrable.

If you would like to share your e-mail address with many of the garden centers to receive information and sales notifications from them, please contact them directly. Some offer preferred customer status.

—Happy Gardening!!!
Barb Jablonski



GPMGA Bylaws Proposed Changes

The following changes have been recommended for the GPMGA By-laws:

Recommendation One:

Article VII, Section 7

Delete the Hours Chairperson in the GPMGA Bylaws

Reasoning: The function of recording and approving hours is covered in Article I, Membership, Section 2, and puts the responsibility on the "Extension Educator in charge" (i.e., Steve Mayer, Deb Schelske)

Recommendation Two:

Article VI

Add the Historian and a Hospitality Chair to the Executive Board as non-voting members, changing the number of non-voting members from five to seven.

Reasoning: The Board currently treats these positions as non-voting members. Thus, this change would reflect the current functioning of the GPMGA Board.

Proposed Discussion:

New Position: Garfield Park Liaison

Add a position of Garfield Park Liaison to the Officers and Chairs.

Responsibilities to include (but not limited to):

- Communicate regularly with Garfield Park staff and report to the membership at the GPMGA meetings,
- Schedule MG volunteers for Garfield Park tours,
- Organize tour guide training (done by Garfield Park staff) when needed,
- Volunteer in some capacity at Garfield Park.

Reasoning: It would be beneficial to have one person with the responsibility of communicating between our group and the Garfield Park staff.

The Officers and Chairs of the GPMGA welcome members' thoughts and suggestions about the bylaws and the proposed changes. Please send any suggestions to Lane Judkins at APJ44@sbcglobal.net or bring your suggestions to the next GPMGA meeting for discussion.



GPMGA Constitution

Article I – Name

The name of this organization shall be the "Garfield Park Master Gardener Association" (the Association).

Article II – Purpose

The purpose of the Association, a not-for-profit organization, shall be to promote good gardening practices and plant knowledge in cooperation with Purdue University Marion County Extension Service.

Article III – Goals

- Increase members' knowledge of sound gardening practices and plant knowledge.
- Provide information to the community on current and timely gardening methods.
- Assist Marion County Master Gardeners in fulfilling their volunteer commitments.
- Partner with historic Garfield Park and its organizations.
- Raise funds to support community gardening and beautification projects.

Article IV – Membership

Section 1 – Any person who has successfully completed the Master Gardener training program in Indiana and who is active in the Marion County Master Gardener program is eligible for membership.

Section 2 – Any person who has successfully completed the Master Gardener training program in a state other than Indiana may apply for membership upon presentation of proof of training and volunteer status. Qualifications are subject to approval by the Extension Educator.

Section 3 – An eligible person, upon payment of annual dues, shall become a member with voting privileges.

Article V – Officers

There shall be four annually elected officers: President, Vice President, Secretary and Treasurer.

Article VI – Meetings

Regular meetings shall be held on the second Wednesday of each month with the exception of the January meeting, which shall be designated as a planning meeting for the officers and committee chairs.

Article VII – Amendments

This constitution may be amended at any meeting by two-thirds (2/3) vote of the members present, provided that notice of such amendment(s) shall have been given to all members at least fourteen days before the meeting. Such notice shall be sent via e-mail to those members with e-mail service and via US mail to members without e-mail service.

Article VIII – Non-for-Profit Status

Section 1 – The Association is organized exclusively for charitable, educational, and scientific purposes pursuant to the applicable Sections of the Internal Revenue code.

Section 2– No part of the net earnings of the Association shall inure to the benefit of, or be distributed to members, trustees, officers, or other private persons, except that the Association shall be authorized and empowered to pay reasonable compensation for services rendered, and to make payments and distributions in furtherance of the purpose set forth hereof. No substantial part of the activities of the Association shall be carrying on of propaganda, or otherwise attempting to influence legislation, and the Association shall not participate in, or intervene in, any political campaign on behalf of any candidate for public office. Notwithstanding any other provisions of these articles, the Association shall not carry on any activities not permitted to be carried on by: (a) an association exempt from the federal income tax; (b) an association contributions of which are deductible pursuant to the applicable Sections of the Internal Revenue Code.

Section 3 – Upon dissolution of the Association, the officers shall, after paying or making provisions for payment of all liabilities of the Association, donate assets of the Association to an entity or entities whose activities are pursuant to the goals of the Master Gardener Association, i.e., Purdue University Marion County Cooperative Extension Service. The donor recipient entity or entities must be organized and operated exclusively for charity, education, or scientific purposes and qualify as exempt organizations pursuant to the applicable Sections of the Internal Revenue Code.

GPMGA Bylaws

Article I – Membership

Section 1 – Application and dues for new members shall be submitted to the Treasurer.

Section 2 – Master Gardener interns are eligible for membership upon successful completion of examinations covering materials presented during the training period. Volunteer work hours necessary to become a Master Gardener shall be established and approved by the Extension Educator in charge. Certified Master Gardeners may pursue Advanced, Bronze, Silver, Gold and other levels of Advanced Master Gardener status as per state Master Gardener guidelines.

Section 3 – The Extension Educator shall determine the need for supplemental training for out-of-state applicants.

Article II – Calendar Year

The calendar year shall be January 1 – December 31.

Article III – Dues

Section 1 – Annual dues shall be established by the Executive Board.

Section 2 – Annual dues shall be payable to the Treasurer by the first February meeting of the calendar year or at the first meeting following approval of the membership application.

Section 3 – A dues renewal notice shall be sent to members who have not paid dues by the March meeting. Membership shall lapse if the dues remain unpaid by the April regular meeting and the member's name shall be removed from the mailing list.

Section 4 – Dues for new and renewing members will be prorated beginning in June.

Article IV – Elections

Section 1 – Officers shall be elected and/or approved at the November meeting for a term of one year beginning with the first regular meeting of the next calendar year.

Section 2 – Vacancies which occur during the year shall be filled by appointment of the Executive Board for the remainder of the term.

Article V – Extension Advisor

The coordinator of the Marion County Master Gardener Program shall be the Extension Educator who shall be an ex-officio member of Association.

Article VI – Executive Board

The Executive Board shall consist of four officers – President, Vice President, Secretary and Treasurer – plus Five non-voting member chairs, including the Immediate Past-President, the Publicity Chairperson, the Program Chairperson, Plant Sale Chairperson and the Extension Educator. The duties of the Executive Board shall be to advise and assist the President in conducting the affairs of the Association.

Article VII – Director, Officer and Committee Chair Responsibilities.

Section 1 – President. The President shall preside at all regular meetings of the Association and the Executive Board; be charged with the general supervision of the affairs of the Association; be ex-officio member of all committees except the nominating committee; be authorized to sign all checks; appoint chairs for fundraisers and nominating committees; coordinate special events; attend the annual statewide Master Gardener conference. The Association will underwrite the registration of the President to the statewide Master Gardener conference annually. Reimbursement for hotel accommodations will also be provided at the designated conference hotel and/or comparable rates.

Section 2 – Vice President. The Vice President shall assist the President in performing the duties of that office; perform such duties in the absence of the President; and become the slated candidate for the office of the President in the succeeding year. The Vice President will be responsible for coordinating and implementing volunteer events for the Association. The Association will underwrite the registration of the Vice-President to the statewide Master Gardener conference annually.

Section 3 – Secretary. The Secretary shall keep the records of the proceedings of all the meetings, conduct the general business correspondence of the Association, and send notices of special activities via e-mail or U.S. mail. The Secretary shall develop necessary brochures for the Association and manage the Association's granting of scholarships for Master Gardener training.

Section 4 – Treasurer. The Treasurer shall receive and keep safe amounts of monies; present a treasurer's report at all regular meetings, summarizing income and expenses by member and fundraising categories; notify members via e-mail or US mail of delinquent dues; be authorized to sign checks; pay all bills in accordance with the budget; chair the budget committee; complete all required state and federal forms as needed. The Treasurer shall maintain a membership list; notify Extension Educator's Administrative Assistant of the names and addresses of new members; notify the newsletter editor of names of new members for publication; and the membership list which includes addresses, telephone numbers, e-mail addresses and Master Gardener level.

Section 5 – Publicity Chairperson. The Publicity Chairperson shall solicit material from the officers, committee chairs and Extension Educator for inclusion in the monthly newsletter. This position will also work with other media to promote Association activities.

Section 6 – Program Chairperson. The Program Chairperson shall insure that each month's meeting, with the exception of the January planning meeting, includes approximately one hour of educational material related to gardening practices and plant knowledge. The Program Chairperson shall strive for a balance between speakers who are Master Gardeners requiring no compensation and others who request remuneration. Speaker fees over \$100 shall require the approval of the President and Vice President.

Section 7 – Hours Chairperson. The Hours Chairperson will keep record of the hours members report they have worked on projects and report the names of members to the Administrative Assistant for the Extension Educator when they have completed requirements to receive a certificate for Master Gardener, Advanced Master Gardener, or Bronze, Silver, Gold and other levels of Advanced Master Gardener status.

Section 8 – Historian. The Historian shall document the Association's activities with written and photographic materials for the Association's archives.

Section 9 – Hospitality Committee. For the Association's monthly meetings, the Hospitality Committee shall solicit members to provide refreshments, coordinate meeting registration, and acknowledge new members and guests. The Committee shall reach out to members to encourage attendance at regular meetings and special events as well as handle social correspondence for the Association. The Committee shall also organize the July and December pitch-in dinners.

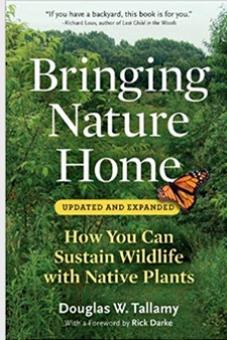
Section 10 – Plant Sale Chairperson (Added October 2008). The plant sale chairperson shall be responsible for all details and activities related to the annual sale. This includes, but is not limited to, amassing a committee, corresponding with the President and the members, organizing the event and managing the relationship with the conservatory.

From the Bookshelf . . .

Bringing Nature Home: How You Can Sustain Wildlife with Native Plants

by Douglas W. Tallamy

As development and habitat destruction accelerate, there are increasing pressures on wildlife populations. In *Bringing Nature Home*, Douglas W. Tallamy reveals the unbreakable link between native plant species and native wildlife—native insects cannot, or will not, eat alien plants. When native plants disappear, the insects disappear, impoverishing the food source for birds and other animals.



However, people may take some simple but important steps to help reverse this alarming trend—by simply choosing to plant native plants. By acting on Tallamy's practical and achievable recommendations, people in both urban and rural areas may make significant contributions toward sustaining biodiversity. The volume is a fascinating study of the trees, shrubs and vines that feed the insects, birds and other animals in the garden.

On the Web . . .

Edible Indy

www.edibleindy.ediblecommunities.com

Edible Indy celebrates local food, season by season, community by community. This website is part of Edible Communities, a network of more than 90 independently-owned, locally-focused e-magazines across the U.S. and Canada.

Edible Communities is the largest media organization devoted to telling the stories and sustaining the efforts of the farmers, chefs, food artisans, fishers, vintners and home cooks. Its award-winning content help people experience the vibrant flavors of local communities through special events, podcasts and travel guides.

Do you know a great website? Please send that information to Oren Cooley at pastpfct@aol.com.

Purdue Extension Spring Garden Clinic 2020

The 26th annual Purdue Extension Spring Garden Clinic will occur on Saturday, February 29, from 9:00 a.m.- 3:00 p.m. at St. Luke's United Methodist Church (100 W. 86th St., Indianapolis).

Designed for both beginners and experienced gardeners, this annual event offers information on a variety of gardening topics and a chance to network with other gardeners. Since attendance is limited (285 Pre-Registrations Maximum), absolutely no registrations will be taken after February 19 or on the day of event.

The speakers and topics for the 2020 Spring Clinic include:

2020 Spring Garden Clinic Topics—Concurrent Sessions Schedule			
9:30-10:30 AM	10:45-11:45 AM	12:45-1:45 PM	2:00-3:00 PM
Growing Vegetable Transplants for Your Garden by Jim Barbour	Considerations for Keeping Bees in Your Garden by Roy Ballard	The Many Reasons to Add Herbs to Your Garden by Joyce Durbin Miller	How to Start a Community Garden by Ginny Roberts
Establishing a Native Planting for Beneficial Insects & Pollinators by Kevin Allison	Worst Pests of 2019, What to Expect in 2020 and the new Shrub Doctor App by Cliff Sadof	Weather and Climate Trends in the Garden by Hans Schmitz	Rainscaping: Green Stormwater Infrastructure in the Garden by Brooke Alford
Internet Methods of Gardening by Carol Michel	Smart Strategies to Preserve Your Home Grown or Farmer's Market Veggies by Christina Ferroli	Using Trees and Shrubs to Create the Bones of an Attractive Garden by Jamie Gibbs	<u>Tree & Shrub Identification: A Look at Opposite-Leaved Plants by Steve Mayer</u>

9:30-10:30 AM Sessions

Jim Barbour: *Growing Vegetable Transplants for Your Garden*

This presentation will give the basics on how to start seeds indoors to produce especially tomato and pepper transplants for the garden. Advice on recommended crops, timing, seeding, transplanting, thinning and moving plants will be included.

Jim Barbour grew up in Lawrence Township and worked with his father in the orchard and vegetable business. He was the Commercial Horticulture Educator with Purdue Extension-Marion County for more than 25 years. He presently provides horticultural assistance and training through his business, JMB Consulting.

Kevin Allison: *Establishing a Native Planting for Beneficial Insects and Pollinators*

Learn about utilizing native and targeted plantings for beneficial insect and pollinator populations in the vegetable garden or on the farm. Pest pressure can be one of the biggest challenges in organic gardening, and this presentation will help gardeners to attract favorable insects to work the front lines of pest control.

Kevin Allison, Marion County SWCD, provides technical support in soil health and conservation techniques to small farmers and gardeners with a focus on reduced tillage, cover crops, mulching, nutrient management, and plantings for beneficial insects and pollinators. He holds a BS in Environmental Science – Ecology from Indiana University and serves on the USDA-NRCS Soil Health Team.

Carol Michel: *Internet Methods of Gardening*

Explore some of the good and bad gardening advice that gets propagated across the Internet, and learn how to quickly recognize good gardening advice from the bad.

Carol Michel is the award-winning author of several books, including *Potted & Pruned: Living a Gardening Life*, *Homegrown and Handpicked: A Year in a Gardening Life*, and *Seeded and Sodded: Thoughts from a Gardening Life*. She is a lifelong gardener with a bachelor's degree in horticulture from Purdue University, an avid collector of old gardening books and claims to have the largest hoe collection in the world.

10:45-11:45 AM Sessions

Roy Ballard: *Considerations for Keeping Bees in Your Garden*

This session will introduce participants to the basics of beekeeping as well as provide a realistic assessment of the challenges facing honeybees and their keepers.

Roy Ballard served as a Purdue Extension Educator for Agriculture and Natural Resources for 28 years, dedicating much of his time to assisting small farm owners who desired to diversify their existing operations with new enterprises and new marketing systems. Roy holds a B.S. degree in Agricultural Education from Purdue University and a Masters in Secondary Education from Indiana University.

Cliff Sadof: *Worst Pests of 2019, What to Expect in 2020 and the Shrub Doctor App*
Cliff will review the worst problems of 2019 including Japanese beetles, soft scales on shade trees, and defoliating caterpillars as he helps gardeners prepare for 2020.

Cliff Sadof, Professor and Extension Specialist, Purdue University, has been the specialist on insect pests of ornamentals for 30 years. He and his colleague Janna Beckerman, put together the Plant Doctor Series of Apps that can help you diagnose problems on a wide variety of trees, shrubs, flowers and vegetables.

Christian Ferroli: *Smart Strategies to Preserve Your Home Grown or Farmer's Market Veggies*
Explore which safe food preservation method works best for home-grown veggies or those purchased at a favorite farmer's market!

Christina Ferroli, PhD, RDN, FAND, retired from Purdue Extension-Marion County after more than 20 years as an Extension Educator. A registered dietitian nutritionist, Dr. Ferroli is an advocate for preventive health care and for raising public awareness of nutrition, health, physical activity and weight management issues.

12:45-1:45 PM Sessions

Joyce Durbin Miller: *The Many Reasons to Add Herbs to Your Garden*

Adding herbs to a garden adds fragrance but it also attracts butterflies and other pollinators as well as beneficial insects. Learn how to grow herbs and also how to harvest them, preserve them, cook with them and craft them.

Joyce Durbin Miller is the administrator of the Rush County Soil & Water office, a Master Gardener, a member of the Herb Society of Central Indiana and Herb Society of America, and a Market Master of the Heart of Rushville Farmers' & Artisans' Market. She has been growing and using herbs for almost 30 years.

Hans Schmitz: *Weather and Climate Trends in the Garden*

Weather and climate trends greatly affect people's yards and gardens. This session will describe how they are affected and what can be done to adapt.

Hans Schmitz received his B.S. and M.S. degrees in Agricultural Meteorology from Purdue University. He has worked for the National Air Emissions Monitoring Study and has worked in five southwestern Indiana counties over 11 years with Purdue Extension, now serving in Posey County as Ag and Natural Resources Educator.

Jamie Gibbs: *Using Trees and Shrubs to Create the Bones of an Attractive Garden*
Trees and shrubs form the permanent background for a successful garden. This session will provide an understanding of the various cultural requirements and expectations for many plants useful to a sustainable and attractive base for a landscape.

Jamie Gibbs' horticultural achievements include a bachelor's degree from the Purdue School of Agriculture, where he double majored in horticulture and landscape architecture. He has extensive continuing academic credits from The New York Botanic Gardens, Brooklyn Botanical Garden, and the New York Horticulture Society.

2:00-3:00 PM Sessions

Ginny Roberts: *How to Start a Community Garden*

The presentation will introduce the crucial elements and steps needed to navigate the establishment of a successful community garden.

Ginny Roberts was Purdue Extension-Marion County's Urban Garden Program Assistant for more than 20 years before she retired in 2019. She has helped hundreds of schools, neighborhood and community organizations, churches, youth groups and clubs successfully start gardens throughout Marion County.

Brooke Alford: *Rainscaping: Green Stormwater Infrastructure in the Garden*

This program will explore the various forms of rainscaping, how to decide what features best suit a landscape, and design considerations for an attractive rainscape.

Brooke Alford is an Urban Agriculture Educator with Purdue Extension-Marion County. She co-facilitates the Urban Ag Certificate Program as well as Purdue Extension's Rainscaping Program.

Steve Mayer: *Tree and Shrub Identification: A Look at Opposite-Leaved Plants*

This presentation will focus only on the identification of trees and shrubs with oppositely arranged leaves.

Steve Mayer is the Purdue Extension-Marion County Educator who coordinates the Master Gardener program in Marion County. Employed as a horticulture educator with the Cooperative Extension Service for more than 30 years, Steve majored in Horticulture and has a B.S. and M.S. from the University of Wisconsin at Madison.

Newfields Symposium

The Newfields Horticulture Symposium will occur from 7:45 a.m. to 4:30 p.m. on Saturday, February 29, at Newfields (4000 N. Michigan Rd.).

The topics and speakers include:

Top-Shelf Perennials

Richard Hawke, Chicago Botanic Garden, will share information on perennials that have proven both beautiful and hardy in the Chicago Botanic Garden's evaluation trials.

Nature's Inspirations

Chad Franer, Newfields, will examine the deep connection with nature that permeates Japanese art and culture, inspiring a stronger appreciation for the fine details of design that strengthen gardens.

A Designer's Tapestry:

Weaving Together Color, Texture and Structure in the Garden

Susan Martin, Gardener Sue's News, will explore how to use color, texture and structure to artfully combine plants in mixed borders and curate outdoor spaces people love to live in.

Planting in a Changing World

Paul Bouseman, Mesker Park Zoo & Botanic Garden, will discuss how efforts spent on proper plant selection reward gardeners with resilient landscapes that make gardens and communities more livable and valuable.

Pushing the Boundaries

Brian Williams, Brian's Botanicals, will provide a sneak peek into the new plant breeding and the resulting cultivars, especially of elephant ears.

Bringing Back an Old Favorite

Jonathan Wright, Newfields, offers a look into the exciting plans to reimagine the original flower and vegetable garden that once surrounded Newfields' Madeline F. Elder Greenhouse.

Starting Your Indoor Jungle: House-plant Selection and Care

Amanda Griffith, Grounded Plant and Floral Co., will share tips on selecting and caring for indoor tropical plants.

Annuals for a Purpose

Scott Beuerlein, Cincinnati Zoo & Botanical Garden, will deliver an eye-opening, wide-ranging, educational talk on annuals that is sure to refresh any gardener's interest in those plants.

EXTENSION HORTICULTURE HINTS—FEBRUARY 2020

Steve Mayer, Extension Educator-Horticulture, Purdue Extension-Marion County

Steve Mayer, Extension Educator-Horticulture for Purdue Extension-Marion County, serves as coordinator and instructor for the Purdue Master Gardener program in Marion County.

February Garden Calendar Tips

Note: Letters and numbers following the tip refer to Purdue publications; other reference links on the topic also may be supplied.

- **First Week:** Check twigs of woody plants for infestations of scale insects. If detected, plan to apply an insecticide early this spring. In many cases, a dormant oil can be used next month (E-29). <https://extension.entm.purdue.edu/publications/E-29.pdf>
- **Second Week:** For longer lasting Valentine's Day roses, remove about an inch of the stem underwater with a sharp knife and place the flowers in a clean vase with a floral preservative (HO-158). <https://ag.purdue.edu/hla/pubs/HO/HO-158.pdf>
- **Third Week:** Cannas grown from seed, like South Pacific Scarlet and South Pacific Orange, are planted early. Sow seed indoors in mid- to late February. Lightly cover the seeds and water. Maintain a temperature of 68-77 degrees F. Plant outdoors after the danger of frost is past. <https://all-americaelections.org/product-category/annuals/canna/>
- **Fourth Week:** To help avoid possible infection by the disease known as oak wilt, prune oak trees during the winter. Do not prune in spring and early summer when activity of sap-feeding beetles is high. The beetles can pick up spores of the fungus on their bodies or mouth parts during feeding and then carry the spores to fresh wounds on healthy trees (BP-28). <https://www.purduelandscapereport.org/article/oak-wilt-in-indiana/>

Follow me on Twitter @purduehortindy (or view at: <http://twitter.com/purduehortindy>) for more tips. You can also see my tweets on each Master Gardener association website: <http://indymcmga.org/> and <http://indygpmga.com/>.

2020 Spring Garden Clinic

The 26th annual Spring Garden Clinic (SGC) will be held on Saturday, February 29, 2020, at St. Luke's United Methodist Church, 100 West 86th Street, Indianapolis IN 46260. The 2020 Spring Garden Clinic schedule with topics and speakers is found here: <https://extension.purdue.edu/marion/article/23987>.

At the date of this writing, registration is not available yet. Online registration will open soon. Preregistration is

required for this event. No registrations are accepted after the deadline or on the day of the event.



The left tomato plant is dying from walnut toxicity. The large tree in the upper right corner of this photo is a black walnut. (Photo: Steve Mayer, 8-4-2014).

Black Walnut Trees Detrimental to Some Plants

Many garden and landscape plants can compete with nearby trees for water, nutrients and sometimes light. However, black walnut trees can cause the decline and death of some plants.

Black walnut (*Juglans nigra*) is a valuable lumber tree and the nuts may be useful to wildlife and humans. However, sometimes the nuts create a maintenance problem, and the tree produces a natural toxic chemical that reduces competition from nearby plants. This can cause a disorder known as "walnut wilt".

Symptoms of walnut wilt include leaf yellowing, wilting and plant death. They may appear similar to *Verticillium* or *Fusarium* wilt on tomatoes. Plant damage from black walnut trees can occur well beyond the spread of the branches. This can make landscaping with other plants a challenge.

The cause of walnut wilt is the chemical juglone (5 hydroxy-1,4naphthoquinone). It occurs naturally in all parts of the black walnut tree, especially in the walnut's buds, nuts, hulls and roots. Even decaying roots release juglone.

This is an example of allelopathy, a biological phenomenon by which an organism produces one or more biochemicals that influence the germination, growth, survival, and/or reproduction of other organisms.

Determining plant survival near black walnut trees is complicated because the amount of juglone in the soil depends on soil type, drainage and soil microorganisms. Decreased toxicity seems to occur with excellent soil drainage.

Walnut wilt is difficult to manage. No chemical controls are available to stop the toxic effect of juglone. Management centers on separating black walnut trees from sensitive plants. Think twice before deciding to plant black walnut trees in residential landscapes.

When planting a garden, locate sensitive plants well away from black walnut trees. Damage has been seen on tomatoes 20 feet beyond the spread of the branches. Consider using raised beds if black walnut trees are in the immediate area. Use hardware cloth and a heavy duty landscape fabric at the bottom of the raised bed to help keep roots out, and fill the raised bed with new soil supplemented with compost.

Clean up black walnut debris each year. Do not allow twigs, leaves, nuts, hulls and stems to decompose near planting areas with sensitive plants. Although the toxic effect of black walnut leaves may break down in weeks or months, it is best to avoid adding black walnut leaves to the compost bin.

Do not use fresh black walnut leaves, bark and wood chips as mulch. It is best not to use walnut bark as a mulch, especially if it wasn't composted for at least six months.

Pull out volunteer walnut seedlings and place in the trash.

If black walnut trees are close, find out which plants are tolerant or susceptible. Plant tolerant trees, shrubs, vines, ground covers, flowers and grasses near walnut trees.

Regularly add organic matter to annual flower and vegetable gardens. A high organic matter level will help improve drainage and encourage healthy soil microbial populations that can process the toxins.

The Question Box February 2020

*Steve Mayer, Extension Educator-Horticulture
Purdue Extension-Marion County*

Q. Which plants are susceptible or tolerant to juglone?

A. Purdue publication HO-193, Black Walnut Toxicity, has lists of plants: <https://www.extension.purdue.edu/extmedia/ho/ho-193.pdf>. You can also search for black walnut tolerance using the Missouri Botanical Garden Plant Finder: <https://www.missouribotanicalgarden.org/plantfinder/plantfindersearch.aspx>.

Q. Will removing the black walnut tree help correct the toxicity problem?

A. No. Juglone can persist in the wood until the roots are decomposed which can take many years.

Q. What pests are going to be a problem this year?

A. The Indiana Department of Natural Resources (DNR) compiles a list each year of the top insect pests and diseases found by Indiana DNR nursery inspectors. Last year, the top dozen insect and related pests on the list for the southern half of the state (includes Indianapolis) were: aphids, Japanese beetle, spider mites, sawfly, bagworm, scales, thrips, sawfly, boxwood leaf miner, lace bug, leafhopper and whitefly.

Additional pests commonly observed in the northern half of the state (not included in the above list) were white pine weevil, flea beetle and fall webworm.

The top dozen diseases/disorders in nurseries in the southern half of the state last year were powdery mildew, downy mildew, botrytis, nutrient deficiency, apple scab, rust, needlecast, freeze damage, drought stress, herbicide injury, virus and fungal leaf spots. Additional diseases/disorders commonly observed in the northern half of the state (not included in the above list) were tar spot, leaf scorch and anthracnose.

Q. Where can I buy the AAS winners?

A. All-America Selections (AAS) has seed sources on their website: <https://all-americanselections.org/buy-winners/>. In addition to the general list of companies, seed sources for newer cultivars are given on the individual plant pages.



Show / Event Calendar

February 19 (6:30 p.m.)

Demand Film Screening:
The Pollinators

Regal Village Park Stadium 17
2222 E. 146th St., Carmel

<https://tickets.demand.film/event/9525?ref=VbKBGwQo>

February 20 (5:00 p.m.-8:00 p.m.)

Building Resiliency for Tomorrow's Climate
Hamilton Soil and Water Conservation District's Annual Meeting
Hamilton County 4-H Fairgrounds
2003 E. Pleasant, Noblesville
www.hamiltonswcd.org/annual-meeting.html

February 23 (2:00 p.m.)

Tree Planting and Maintenance Techniques
Indiana Native Plant Society
IMCPL—Pike Branch Library
6525 Zionsville Road, Indianapolis
www.indiananativeplants.org

February 29 (7:45 a.m.-4:30 p.m.)

Newfields Horticulture Symposium
4000 N. Michigan Rd., Indianapolis
www.discovernewfields.org

February 29 (9:00 a.m.-3:00 p.m.)

Purdue Extension-Marion County's Spring Garden Clinic
St. Luke's United Methodist Church
100 W. 86th St., Indianapolis
<https://extension.purdue.edu/marion/article/23987>

March 2 (6:30 p.m.-8:30 p.m.)

Herb of the Year: Rubus
Herb Society of Central Indiana
Clay Township Center
10701 N. College Ave., Indianapolis
<http://herbsocietyofcentralindiana.org/>

March 14-22

Indiana Flower and Patio Show
Indiana State Fairgrounds
1202 E. 38th St., Indianapolis
www.indianaflowerandpatioshow.com

May 16 (9:00 a.m.—Noon)

GPMGA Annual Plant Sale
Garfield Park Conservatory



Keep Indianapolis Beautiful Volunteer Opportunities

March 14 (9:00 a.m.)

Capitol Avenue and Alabama Street Tree Planting
Keep Indianapolis Beautiful
2150 N. Capitol Ave., Indianapolis

Help KIB and Near Northside neighbors turn an area of sparse tree canopy into a flourishing one, adding significantly to the city's tree coverage overall. Together, volunteers will plant a great assortment of 65 1.5" caliper trees!

Trees not only provide shade and can help reduce storm water runoff, they also provide homes for native wildlife and reduce greenhouse gas. KIB hopes many people will be a part of this high-impact project of their 10,000 Trees Initiative.



To register, contact Abby Dennis at 317-793-2861 or adennis@kibi.org.

GPMGA Bylaws (continued from Page 5)

Article VIII – Underwriting (Revised September 2011)

The Association's earnings may be used for donations to other not-for-profit organizations for community gardens, horticulture, and green spaces. A committee may be established to collect and review information obtained from the membership in regards to donating funds annually. The Association may also underwrite up to two (2) scholarships in any given year. Persons interested in applying for the scholarship must: (1) complete an application; (2) enroll in the Purdue Extension Master Gardener Program that is offered by the Marion County Extension Service; (3) complete and pass the course. The Association will reimburse the full tuition of the course upon completion, and notification by the Purdue University Marion County Extension Service. If there are several applicants, a vote will be taken by the members at the regularly scheduled monthly meeting.

Article IX – Not-for-Profit Status

Section 1 – The Association is organized exclusively for charitable, educational, and scientific purposes to the applicable Sections of the Internal Revenue Code.

Section 2 – No part of the net earnings of the Association shall inure to the benefit of, or be distributed to members, trustees, officers, or other private persons, except that the Association shall be authorized and empowered to pay reasonable compensation for services rendered, and to make payments and distributions in furtherance of the purpose set hereof. No substantial part of the activities of the Association shall be carrying on of propaganda, or otherwise attempting to influence legislation, and the Association shall not participate in, or intervene in, any political campaign on behalf of any candidate for public office. Notwithstanding any other provision of these articles, the Association shall not carry on any activities not permitted to be carried on by: (a) an association exempt from the federal income tax; (b) an association contributions of which are deductible pursuant to the applicable Sections of the Internal Revenue Code.

Section 3 – Upon dissolution of the Association, the officers shall, after paying or making provisions for payment of all liabilities of the Association, donate all assets of the Association to an entity or entities whose activities are pursuant to the goals of the Master Gardener program as administered by Purdue University Marion County Cooperative Extension Service.

Article X – Equal Opportunity (Added October 2008)

The Association does not discriminate against person(s) and encourages anyone to join provided they have completed the Master Gardener program. All written correspondences from the club to the members and/or the general public must include the following verbiage somewhere on the document. With the exception the following verbiage will not be included on forms or correspondence where the distribution of Association funds is implied or determined:

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.