

July 2020



Garden Beet

MASTER GARDENER ASSOCIATION OF TIPPECANOE COUNTY

The Latest Spin from D&J

Dee Dee and Jan

WOW, it's July already! Half the year is over! It has been a very different year for everyone - no Garden Expo, no Art in Bloom, no Open House, etc. due to the Corona Virus.

MGATC is continuing to follow Purdue's rules/guidelines in regard to meetings and social distancing. As we are sure you understand, there have not been any monthly group meetings since March and looks like we will not have them the rest of the year. However, the Board is working with Karen Mitchell to do a Zoom meeting in July to see how well it works.

Below is the specific information to access the monthly meetings virtually for the rest of the year. After the meeting information, below is the general information on how to join a Zoom meeting, including a phone number that can be used to call in BUT the monthly meeting is geared more towards use on a computer or tablet. A smart phone could be used but we would suggest the app as explained below.

Also the July speaker is still TBD but we will keep you updated and let you know asap. If we can't find a speaker, the July meeting will be cancelled. [See page 4 for updated information.]

Karen Mitchell is inviting you to a scheduled Zoom meeting.

Topic: MGATC Monthly Meeting

Time: July 7, 2020, 6:30 p.m. Eastern Time (US and Canada)

Every month on the first Tuesday, through December 1, 2020, six occurrences:

- July 7, 2020, 6:30 p.m.
- August 4, 2020, 6:30 p.m.
- September 1, 2020, 6:30 p.m.
- October 6, 2020, 6:30 p.m.
- November 3, 2020, 6:30 p.m.
- December 1, 2020, 6:30 p.m.

Join the Zoom Meeting at:
<https://us02web.zoom.us/j/83828659931?pwd=VGNsdG9jaHVvTzZoQzEiWmVidXV4UT09>

Meeting ID: 838 2865 9931
Password: 3150

You can call either (415) 762-9988 or (646) 568-7788 and follow the verbal instructions. Enter the meeting ID number - 838 2865 9931 - followed by the # key. You may be asked for the meeting password - 3150. You will be asked to enter a participant ID. You will not have a participant ID so just press #.

To access on a tablet or smart phone, you can just follow the meeting link above without an account or you can download the Zoom meeting app, which would require setting up a free account at - <https://zoom.us/>.

Just some reminders when working in the gardens, etc.: please wear a mask and keep your distance from others and do not touch people in the gardens. Also, please wipe down any wheelbarrows and tools that you use that will be used by others.

We will continue to keep you informed through email blasts. Don't hesitate to contact us if you have questions or concerns.

Looking forward to things getting back to normal and seeing/working with everyone.

*Have a Happy and Safe Fourth of July,
Dee Dee and Jan*

Programs

July 7 • 6:30 p.m. • Zoom
Intro to Zoom
Karen Mitchell

Karen will help participants practice using the Zoom controls and will demonstrate logging hours.

August 4 • 6:30 p.m. • Zoom
The Golden Key: A Consortium of Midwest Herbaria

Karen Mitchell & Amy Thompson
Please see page 4 for a description of this presentation and how to access it.

For more information on upcoming events, contact Maralee Hayworth at mhaywort@purdue.edu.

Please submit items for the *Garden Beet* to MGATCGardenBeet@gmail.com by the 15th of the month for the next month's issue.

Items to be emailed to the membership should be sent to Dee Dee Long at deedee1mg@gmail.com.

<http://www.tippecanoeasterngardener.org>

<https://www.purdue.edu/hla/sites/master-gardener/>



MGATC Board: June 11, 2020, 4 p.m., Virtual

Dee Dee Long called the meeting to order at 4:02 p.m. In attendance were Jim Jeray, Pat Miller, Dee Dee Long, Jolaine Roberts, Maralee Hayworth, Mickey Penrod, Cheryl McCool, Nancy Cope, and Karen Mitchell.

The May Board meeting minutes were approved as posted in the June *Garden Beet*.

Pat Miller delivered the treasurer's report. The ending balance at the time of this meeting was \$42,265.03. A pleasant surprise came from a \$125 increase as Wendy Kerssemakers sold a number of her potted plants intended for the Garden Expo. We also received a \$500 refund of our donation to the cancelled MG State Conference and \$845 from Art In Bloom. Total income, also including Amazon Smile and interest, was \$1,522.66.

Regular expenses totaled \$4,471.88. There was one more vendor refund and the expenses for Art In Bloom. Several gardens submitted expenses for reimbursement. The big expense was \$3,000 for a new Demonstration Garden gazebo to replace the one that had fallen apart over the years. This

Treasurer's Report

Income for the month of May is mainly from the Art in Bloom project, Garden Expo, and Amazon Smile for a total of \$948. Expenses included Garden Expo vendor refund, various garden projects, and Garden Improvement fund gazebo for \$4,472. Restricted funds expenses for the month totaled \$3,000 leaving a balance in the fund of \$19,516. The total of unrestricted funds available is \$22,174 as of May 31. Thanks to those of you who are supporting MGATC through the Amazon Smile. If you are not currently participating, please go to the website for Amazon Smile and sign up. Thank you for your support of the MGATC.

payment came from the Garden Improvement budget. Other restricted funds were unchanged leaving an unrestricted balance of \$22,748.91. Savings remains at \$10,543.43.

Pat has spoken to various garden chairs. Everyone is working to economize in each area to make up in part for the loss of income from the Garden Expo.

In anticipation of the extension office move and sale of the building, the Board recognizes the need to plan for added expenses in 2021 including: an electrical power supply to the gardens, relocation of the security alarm equipment, added parking for gardeners, etc. Cheryl will explore the possibility of a grant.

Whether to hold a July meeting was discussed. The final decision will be posted in the *Garden Beet*. Karen has some contacts for speakers who may be willing to do a virtual presentation.

Future Meetings: The August meeting will likely be a Zoom conference call to give members the opportunity to gain education hours. A decision on

later meetings will be forthcoming as the dynamic coronavirus situation develops and hopefully stabilizes.

With no business meetings scheduled in the near future, the Board and garden chairs will be using blast emails for any important announcements.

Wabash Center Gardens: The club is in the process of handing it over to the grow-local organization.

Wednesdays in the Wild: Mickey said that Mary Cutler would like to hold a session on August 15 in the prairie adjacent to the gardens to identify wild flowers and showcase the trees donated by Tree Lafayette. Attendance will be limited. Details will be published soon.

With no further business, Dee Dee Long adjourned the meeting at 5:20 p.m.

Respectfully Submitted,
Jim Jeray, Recording Secretary

Garden Fresh Green Beans with Lemon & Rosemary Dressing

(Serves 6)

1 lb. green beans (can be frozen)
3 tbsp. melted butter
1 fresh sprig of rosemary leaves or 1 tsp. of dried rosemary
¼ cup lemon juice
salt & pepper to taste

Place 1 lb. of trimmed and cleaned green beans in a microwavable safe veggie steamer. Steam for 10 min, until tender.

While the beans are cooking, mix together butter, rosemary, lemon juice, salt, & pepper. Pour the lemon/rosemary dressing over the beans and toss.

Serve right away, or let marinate for 30 min. and re-heat for more potent lemon flavor.

~*littlehouseliving.com* by Maura White



What's Happening

Wednesdays in the Wild

WITW is back! Registration is required no later than noon on Monday prior to the program. Programs are limited to 25 participants. Facial coverings and/or physical distancing are highly recommended. Contact Mary Cutler at mcutler@tippecanoe.in.gov or 765-567-2993 to register. All programs will be outdoors.

July 8 • 1-3 p.m. • PSP Prophetstown:

A Place Worth Fighting For Jenna Parks Freeman

Join Jenna Parks Freeman (Interpretive Naturalist at Prophetstown State Park) as we uncover the history of Indiana's newest state park. Chosen by Native Americans for thousands of years, Prophetstown provided essentials for life and culture. In this guided tour we'll take a look into the Prophetstown movement and learn about the importance of this unique place by exploring the Native American village.

July 15 • 1-3 p.m. • LNC/AMPH Dragonfly ID Hike Loyce Fandrei

Join Loyce Fandrei (retired high school Biology Teacher and dragonfly aficionado) on a walk along the Celery Bog marsh to look for dragonflies and learn their names. Loyce has been working to expand the records of dragonfly species occurring in various Indiana counties, and she enjoys photographing them. Maybe we can help her find one she hasn't seen before! Meet at LNC Amphitheater for a brief introduction to dragonflies before the walk. Binoculars helpful. NOTE: Copies of Loyce's dragonfly guides will be available for \$10.

July 22 • 1-3 p.m. • WNC Hidden Streams Suse LaGory

Small rivers and streams are often overlooked as important ecosystems for fish, mussels, and other aquatic life. Purdue Ph.D. student Suse LaGory will share information about the diver-

sity, ecology, and natural history of different stream organisms and the importance of protecting these small waterways. Demonstrations of electrofishing and searches for mussels will provide opportunities to see the hidden biodiversity of Burnett's Creek. Meet at Wah-ba-shik-a Nature Center at the Tippecanoe Battlefield.

July 29 • 1-3 p.m. • HHP The Past & Present of Happy Hollow Park Kathy Atwell, Dan Dunten, & Patty Jones

During a leisurely nature walk along the paved trail, participants will learn about the park's history from Kathy Atwell (Retired TCHA Director), see erosion control practices with Dan Dunten (Lilly Nature Center Director), and hear about invasive plant removal efforts from Patty Jones (RIP Squad Coordinator).

August 5 • 7-9 p.m. • SPINN Remnant Prairie - Revelations at Spinn Prairie Hike Stephanie Frischie

Join Stephanie Frischie (Plant Ecologist with The Xerces Society) on a botanical exploration of Spinn Prairie, a state dedicated nature preserve and one of the few unplowed prairie remnants in the state of Indiana! Note: There are no established trails, so wear long pants and sturdy footwear! The caravan leaves Battle Ground at 6:30 p.m. Also note the later start time.

LOCATIONS:

HHP (Happy Hollow Park): In West Lafayette off Happy Hollow Road. Meet at Shelter #4.

LNC/AMPH (Lilly Nature Center Amphitheater): 1620 Lindberg Road, between Northwestern Avenue and McCormick Road in West Lafayette.

PSP (Prophetstown State Park): Enter the park via Swisher Road (off North Ninth Street) just south of Battle Ground. Meet at the flagpole by the Visitor's Center. NOTE: There is no gate fee, but a \$2 program fee/person will be charged at the gate.

SPINN (Spinn Prairie/TNC): Go north on SR 43 (becomes SR 421). Two miles north of Reynolds, turn east on 200 N; go 1/4 mile; turn south/right at the "T" intersection and go 1/4 mile to the TNC sign on the west side of the road or join the 6:30 p.m. caravan from WNC.

WNC (Wah-ba-shik-a Nature Center): In Battle Ground at the Tippecanoe Battlefield off North Ninth Street.

Lilly Nature Center

The Lilly Nature Center continues to be closed - this affects not only Wednesdays in the Wild programs, but also WC-INPS (West Central Chapter of Indiana Native Plant Society) programs and SAS (Sycamore Audubon Society) programs.

According to Lilly Nature Center Director Dan Dunten: September 1st is the anticipated date to reopen the Lilly Nature Center. Of course that could change if the pandemic gets worse.

For more information, please contact Dan Dunten at 765-775-5172 or ddunten@westlafayette.in.gov.

Wa-ba-shi-ka

Tippecanoe County Naturalist Mary Cutler announced that the Wah-ba-shik-a Nature Center (WNC) opened on Monday, June 15th and is now open from 10 a.m.-5 p.m. daily (seven days a week). For more information you can contact Mary at 765-567-2993 or mcutler@tippecanoe.in.gov.

Hot July
brings
cooling
showers,
Apricots
and
gillyflowers

~ Sara Coleridge,
Pretty Lessons in Verse

August Meeting Info

From Karen Mitchell:

The Golden Key: A Consortium of Midwest Herbaria

Karen Mitchell (ANR Tippecanoe) and Amy Thompson (ANR Monroe): This presentation on the IU Digital Herbaria will be a 'flipped classroom' approach, wherein MGs watch two videos and submit questions in advance, with additional opportunity for ad hoc questions toward the end of the session. Master Gardeners are encouraged to watch the live presentation on August 4th from a computer for the opportunity to use the data portal in real time - <https://bit.ly/herbaria-tillregion>

Please watch the following two presentations and submit questions to mitcheka@purdue.edu by July 30th:

The 2018 Indiana Native Plant and Wildflower Society Annual Meeting

filmed a presentation with the IU Herbarium Director, Eric Knox and Associate Curator Paul Rothrock starts at 1:09:38 (ends at 1:33). <https://bit.ly/INPAWS2018>

An informal 'brown bag' presentation for Indiana University's Digital Library Group provides more of the technical aspects of the IU Herbarium Digitization Project and a future vision of digital herbaria: <https://bit.ly/2019BrownBag>

If you want to participate in all aspects of the presentation as follows, it will be 3 education hours:

- 1) watch the videos
- 2) try to use the data portal (<http://midwestherbaria.org>)
- 3) submit questions to mitcheka@purdue.edu by Thursday, July 30th - The questions can be technical (How do I . . . ?) or informational (Where can I find . . . ?).



Cumin-Citrus Roasted Carrots

(Serves 6)

- 2 lbs. carrots, peeled and cut diagonally into 2-inch pieces
- 3 tablespoons olive oil
- 1 teaspoon ground cumin
- 1/2 teaspoon salt
- 1/4 teaspoon ground pepper
- 1 teaspoon grated orange peel
- 1 tablespoon chopped fresh chives

Heat oven to 400°F. Spray 15x10x1-inch pan with cooking spray.

In large bowl, mix carrots, olive oil, cumin, salt and pepper. Spread in pan. Roast 25 to 30 minutes, stirring halfway through, until browned and tender.

Toss roasted carrots with grated orange peel and chives before serving.

Carrot pieces should be of equal size and width for even roasting. If some carrots are wider than average, cut them in half lengthwise before cutting into pieces. Use multicolored carrots for a beautiful twist on this recipe. 130 calories per serving.

~ pillsbury.com

One of the healthiest ways to gamble is with a spade and a package of garden seeds

~ Dan Bennett

Et Cetera

GAAP

GAAP planting is now done for another year. A huge Thank You to all of the volunteers who helped plant annuals at the Columbian Park Zoo, Tippecanoe County Courthouse, Pedestrian Bridge, Indiana Veterans Home, and Art Museum of Greater Lafayette. Great job! As always, your help is very much appreciated.

Jan Sadler

Returning Members and Corrections

We would like to welcome the following returning Master Gardener, Sheila Koller.

We also have the following corrections for the Green Book:

Joan Straber's cell number is (765) 491-6944

Bud Walker's email has changed to bndwalker@yahoo.com.

For full demographic information, please see the membership listing on the MGATC website.

Pat Miller

Gadgets

(continued from back)

We've used old metal Christmas tree wreath forms in pots to prevent critters from digging. This works well if there is only one plant in the pot, but not so much if there are several plants. We also used long metal landscape fabric staples to pin down scraps of bird netting or 1/2" plastic fence and that works really well around multiple plants. But this year we didn't have enough wreath forms for all our pots and we ran out of landscape staples. So we re-invented our defensive arsenal with re-purposed things we had on hand.



Bolt cutters to the rescue. We chopped the metal wreath forms into little pieces that can be pushed into potting soil (with or without bits of bird netting or fence). These "chipmunk baffles" are very easy to fit around plants in containers. So far the chipmunks haven't been able to budge anything. And one of the best things is these gadgets can be reused year after year.



Other ideas to thwart these furry foes: cut up metal coat hangers; insert dozens of bamboo skewers or very long nails halfway into the soil; cover potting soil with lengths of metal chain woven around plants; or cover soil

with rock mulch (heavy rocks!). What have you got in the garage or tool shed that could be used? Let us know.

Purdue Entomology Publication ADM-2 Animal Damage Management "Chipmunks" has some different strategies for dealing with these animals. Find it online at: <https://extension.entm.purdue.edu/publications/ADM-2>.

Other online resources that may interest gardeners concern the Terrestrial Invasive Plants rule in Indiana - 44 plants now banned in Indiana nursery trade. Rules and handy downloadable pocket guide to invasive plants can be found at: <https://indiananativeplants.org/invasive-plants/2019-terrestrial-invasive-plant-rule/>.

Also there's a new online Excel spreadsheet "Plant Finder for Pollinators" from the Indiana Native Plant Society. This spreadsheet helps you focus your plant purchases on supporting native pollinators. It lists 200 Indiana native plants, including trees, shrubs, vines, grasses (wind-pollinated), and wildflowers. You can sort the entries by a specific pollinator, or by plant name, height, flower color, period of bloom, light, and moisture requirements. Included are notes on which plants are hosts for specific butterflies and moths, links to photos and more detailed plant information. <https://indiananativeplants.org/plant-finder-for-pollinators/>.

July TO-DO List:

- ⚙ MOSQUITO alert: empty water from outdoor containers, pot saucers, etc. Empty and clean bird baths regularly.
- ⚙ Harvest crops regularly. Small to medium summer squash, zucchini, and cucumbers are better than big seedy ones.
- ⚙ Dig potatoes when the foliage dies, and onions and garlic when the tops turn brown.
- ⚙ Water vegetables regularly. Avoid blossom-end rot on tomatoes and

peppers by maintaining even soil moisture. Melons and cucumbers will be sweeter.

- ⚙ Start planting transplants of broccoli, cabbage, and other fall crops as space becomes available.
- ⚙ Prune off tree branches infested with fall webworm. Spray with Bt if defoliation becomes severe.
- ⚙ Watch for spider mite damage (leaves speckled above, yellow below) especially if the weather has been dry. Conifer needles may look dull gray-green, yellow, or brown. Damage can occur before you even see the little webs.
- ⚙ Pinch or shear back late summer & fall flowering perennials to encourage branching and more blooms. Mums: last pinching back early to mid July.
- ⚙ Deadhead spent annuals for continued bloom. Prune roses and flowering shrubs after bloom. Divide bearded iris.
- ⚙ Water newly planted perennials, shrubs, and trees thoroughly, once a week.
- ⚙ Apply no fertilizers to trees and shrubs after July 4th. Fertilizing late causes lush growth that's apt to winter kill.
- ⚙ Fertilize container plants every two weeks with a water-soluble solution.
- ⚙ Clean and refill hummingbird feeders every 2 or 3 days to prevent growth of harmful bacteria.
- ⚙ Enjoy your garden!

Gardeners, I think dream bigger than emperors

~ Mary Cantwell

Great Gadgets and Tool

By Kathryn Reeves and Mike Hathaway

In a perfect world, chipmunks would eat only silver maple seeds, Japanese beetles and tomato suckers, and would never ever destroy container plantings.



We're focusing on vegetable growing this year in addition to ornamentals. With very limited in-ground space, we're growing a lot of vegs in pots. Our resident chipmunks are extremely excited about this. Chipmunk motto: "You plant 'em, we dig 'em."

If you remember the biotic triangle from your Master Gardener class: "A pest requires three things before it can successfully attack a plant and become a problem: 1. The pest must be present. 2. The plant must be susceptible to the pest. 3. Environmental conditions must be favorable to successful attack." Pesky chipmunk plus any plant plus soft potting mix is a perfect biotic triangle. And they're pretty darn successful at attacking potted plants.

To prevent this, the only thing we can change is the environmental condition. Using bark or wood mulch and shaking our fists at them hasn't worked. Chemical repellents are expensive, and animals soon get used to

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them and return to dig. Cayenne pepper hasn't worked for us.

(continued on page 5)

Garden Beet

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