

# *Flora and Fauna*

The Mahoning County ANR Volunteer Newsletter  
Ohio State University Extension – Mahoning County  
490 South Broad Street  
Canfield, Ohio 44406  
330-533-5538  
<http://mahoning.osu.edu>



**Volume 19 Issue 8**

**October 2019**



## **REMINDER**

**ALL MGCV VOLUNTEER and  
EDUCATIONAL HOURS  
NEED TO BE ADDED TO  
VMS System BY OCTOBER  
31ST**

If you have any questions or  
need help please contact the  
office or one of the officers

Remember to maintain active  
certification for MGCV's you  
need **20 volunteer hours** and  
**10 education hours** yearly  
(November 1—October 31st).

Information on hours can be  
found in the Mahoning  
County Master Gardener  
Handbook. [go.osu.edu/  
MGVHandbook](http://go.osu.edu/MGVHandbook)

September 11th OCVN Program by Jim McCormac on  
Growing Catepillars

# President

## Pam's Perspective

The main thing I have at the moment is: **PUT YOUR HOURS INTO VMS by OCT. 31st!!!!**

Check with Theresa Harris to see what materials we need to work on the Fellows Holiday Tree decorations at the Nov. meeting. Thank you Nancy Brundage for the purchase of the Fellows Tree for the master gardeners.

While cleaning out your gardens start saving and drying plant materials for the upcoming Holiday Container classes coming up in Dec.

Pam

Please send items for the AGNR  
Newsletter

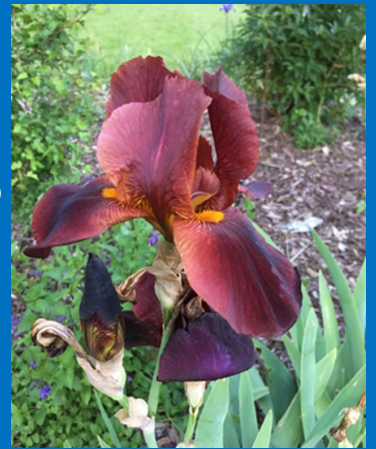
to [moff.1@osu.edu](mailto:moff.1@osu.edu) , all items intended for  
publication **MUST** be submitted by the  
15th of each month.

*What Worked for Me* is a new column for the AGNR monthly newsletter. Please share a personal contribution of 'what has worked for you'. Send it to Lori at [moff.1@osu.edu](mailto:moff.1@osu.edu) about 100 words long and include a picture, if you wish. There are so many wonderful tips we have that have not been tapped. Share!

### *What Worked for Me*

My success with Irises has much more to do with them than me. First of all they were 9 years old, established plants. Next, it took 10 minutes, if that, to plant them: shallow ditch with long ridge center. Lay the rhizome on the ridge, press slightly and fill the ditch with soil, make sure that the top of the rhizome is above ground and a leaf is visible. And the next time you look, you've divided the original six to four more beds!

- Lillian Quaranta, MGv



## MGV Meeting Minutes: September 12, 2019

The Master Gardener meeting was held 9/12/19 at 6:30 P.M. The meeting began with the program on Beekeeping by Bruce Zimmer from the Columbiana/Mahoning Beekeepers Association. He talked about how he got started, the life cycle of bees, and the basics of beekeeping including the process of removing the honey. He talked of the loss of habitat as one reason for the loss 36 million bees. Other reasons are pesticides and mites that were imported from England. Bees can fly 17 mph and can go 3 to 5 miles. Local honey is that collected within a 200-300 mile range. Wax can be used to make candles. If you have seasonal allergies, you want to eat raw honey.

President Baytos opened the business meeting at 7:45 P.M. Al Leonhart led the Pledge. Pam thanked all who participated with the Canfield Fair.

**VMS:** If you do not have hours, you will be getting a letter. You can go inactive for 3 years. If you take class and do not do hours, to become a Master Gardener, you must retake the classes. If you are doing research for an article or program, it can be education hours or volunteer hours.

**COFFEE WITH:** Five classes need programs and teachers. Some possible topics are: Airplants (Danita ?), Gardening with Grandchildren (Carol Swartz?). As you are cleaning up your garden, please save items for Holiday Containers.

**CHRISTMAS TREE:** Thresea Harris said Nancy Brundage donated the tree. This year's theme is "The Magical Woods". Please collect Queen Anne's Lace. Al Leonhart said he had money plant.

**CLINIC:** Eric said the clinic might move to iPads. He would like to have 5 stations. They are almost caught up with questions from the Fair.

**LOCAL FLAVOR:** Thresea Harris thanked all the volunteers and said it was a good year despite the weather.

**GROUND:** Mike Beaudis said there were 7 clean-up sessions. The last held was 8/19 and thanks to

J. Dotson (our new member), Chester Kaschak, Natalie Fraser, Rick Patterson, Margaret Biroshak, Ed Lewis, Rhonda Harris and Tom Petrilla. Eric said all the new pollinator plants were planted. Sand and gravel will also be added as are needed by pollinators.

**WREATHS:** Mike Beaudis will need 3 to 4 trucks to transport the wreaths. No bows are needed to be put on as they come with bows.

**4-H BADGES:** Five are missing from the Fair. If, in error, you took one home, please return it to the office. Badges said ASK Me About 4-H.

**FAIR:** It appears, people were being sent to the Hay/Grain Building for the OSU Extension Displays. Good numbers came to see the display. All the programs were on the front page of the booklet given as people entered the Fair. Information on our location needs to be given to information booth and a bigger sign is needed outside the building. The insect boxes need updated. You can get volunteer hours for pinning the insects. The recipes were well liked, also the wall boxes and chandeliers. Next year's, a possible display, Master Gardeners through the year. Look for chandeliers, could be a class if enough collected.

**Other Fair Notes:** The Men's Garden Club and Floral are going to be 150 years old next year. The Men's Garden Club is shutting down their Iowa office and OSU has offered them space in Wooster. Eric would like to see more enter the flower shows.

**Valley GROWS:** There is a possibility of a page in the New Vindicator. Eric will know in a few weeks. He would like to be in the front section.

**OPEN HOUSE:** There will be an open house for the February Master Gardener class on 11/18 in the afternoon and one for the Naturalist class in the evening. The meeting was adjourned at 8:30 pm

*Nancy Brundage, Co-Secretary, Master Gardener Volunteer*



## 2019 MGV Meeting Schedule

**Reminder:** Meetings are the 2nd Thursday of the month at 6:00 pm for garden chat. The meeting begins at 6:30 pm.

- ♦ **October 10**—Skip McCullough of Meadowbrook Nursery in Lisbon will discuss the difference between organic and non-organic pesticides/herbicides.
- ♦ **November 14**—Fellows Christmas tree ornament workshop
- **December:** Banquet, date to be announced.

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## 2019 Public Naturalist Series

- **November 6**— 6:30 - 8 pm Metro Parks Farm. Raptors by Heather Merritt, Birds in Flight Sanctuary

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## OCVN NATURALIST SERIES

Two programs were held since the last newsletter.

On August 10th, Lisa Rainsong, Cleveland Institute of Music, gave an interesting program “A Concert of Crickets and Katydid” at the Metro-Park Farm. She first indicated that if you try to catch these insects in a jar be very careful. Both have only two defenses, hiding and camouflage. Only males “sing” to attract females. Singing is done by moving the wings over each other. The faster the tempo, the warmer the temperature.

Singing is done mostly at night. There are both ground crickets and tree crickets with the color depending on where they live. All have long antennae. They are cold-blooded and appear to be moving north as temperatures warm. Katydid look like leaves and appearance differs from grasshoppers by the long antennae and they live in tops of trees. Ms. Rainsong then played the sounds of many with pictures on the screen. All are different with some barely audible. We then went outside the building and heard tree crickets in the bushes but could not see them. It was a fun, educational program.

On September 11, Jim McCormac gave a program, “Growing Caterpillars: A Tale of Birds, Plants, and Conservation” at the Davis Center in MCMP. He began by saying a great book is “Caterpillars of Eastern North America” by David Wagner. He then had a PowerPoint showing many caterpillars and what they look like when they become a butterfly or moth. The last stage “pupa” before adult of a butterfly is the chrysalis and moth is cocoon. The silk in the cocoon is like that of spider. Many of the caterpillars mimic the look of their surroundings. Some look like a dead leaf but some look like creatures from outer space. There is a 97% predation rate. They are a main food source for many birds in summer. The pictures were amazing as I think many of the caterpillars have not been seen by a lot of people, like me. There are about 140 species in Ohio. I think I will be looking at plants for caterpillars in the future.

*Nancy Brundage, Ohio Certified Volunteer Naturalist*

Book Report:  
The Soil Will Save Us  
How Scientists, Farmers, and Foodies are  
Healing the Soil to Save the Planet  
by  
Kristin Ohlson

I was recently browsing through the nonfiction section of the Canfield Library, when the title of this book jumped out at me. I have often thought about what we're doing to the planet and how we are going to save it. I couldn't resist checking out this book, and found it – at 234 pages - to be a quick read and very understandable. The author has a way through storytelling to keep the reader engaged throughout the book.

This book, written in 2014 by journalist and bestselling author, Kristin Olson, explains - in common terms - the concept of soil carbon sequestration to mitigate climate change. For example, carbon dioxide is a significant greenhouse gas contributing to climate change. Olson's research addresses the finding of scientists who calculate carbon dioxide has reached 400 parts per million (ppm) in the atmosphere, 50 ppm beyond the level many experts think can reliably keep the climate stable for human life. This low tech "healing" of the soil by using the plants' natural ability to perform photosynthesis - taking in carbon dioxide from the atmosphere - provides for billions of microbes and fungi in the soil to interact with the plants roots and turn carbon sugars into carbon-rich humus.

According to the statistics in this book, Ohio has lost 50 % of its soil carbon in the last 200 years. In other areas of the world where cultivation has been going on for millennia, soil carbon depletion is much higher - up to 80% or more.

In the initial chapters, Olson goes into detail as to how we lose carbon in our soils. Prominent examples include soil cultivation and land use change, which in turn add carbon dioxide into the atmosphere. She also explains how different land management practices such as no-till agriculture, herd management in pasture fields, complex crop rotation, soil compaction, more diverse crops, planting cover crops, mulching and composting to name a few, make a significant difference in increasing carbon in the soil. Olson also provides examples of land owners who are beginning to realize the benefits of returning carbon back to the soil. They understand they will reap the benefits of a carbon rich soil by not having the added expense of using as much chemical fertilizers and herbicide. A carbon rich soil also absorbs water better increasing draught protection. In fact, some claim that the use of fertilizers disrupts the exchange between the plants roots and microorganisms in the soil making the "plants lazy" and less likely to engage in the exchange of carbon sugars for essential minerals.

This book is not without controversy as to why we are not all practicing good soil management. The author throws a wide net of blame from Abraham Lincoln, to modern day politicians, to state universities, to chemical companies.

What ? Abraham Lincoln is responsible for climate change ???

Kind of makes you want to read the book doesn't it?

*Rick Patterson, MGV / OCVN*

## **SPEAKERS: COMMUNITY TOPIC LIST**

**2020**

Signup sheet for MGVs who are willing to present topics to Garden clubs, churches, community organizations, libraries, etc. Also, Coffee with Masters, seminars, etc. Please call the office or let Pam or Pinky know at the next Master Gardener Meeting.

<b>MGV</b>	<b>TOPICS</b>
<b>Pam Baytos</b>	<b>Gourds, Container Gardening, Herbal Harvest</b>
<b>Marilyn McKinley</b>	<b>Pollinators, Plants for pollinators, perennials, Hummingbirds, Herbs – history &amp; uses. Roses, Fragrances. If given enough time can present on most except <u>does not do vegetables</u>. Prefers to use power point for part of presentation</b>
<b>Ron Fasano</b>	<b>Edible flowers in cooking</b>
<b>Joanne Kaschak</b>	<b>Feeding and attracting birds. Herbal lore</b>
<b>Kari Shively</b>	<b>Kids gardening, Perennials</b>
<b>Pinky Steffen</b>	<b>Raised bed gardening</b>
<b>Valeria Gonclaves</b>	<b>Anything!</b>
<b>Judy Rodkey</b>	

**CFAES**

THE OHIO STATE UNIVERSITY EXTENSION

## Naturalist Series:

## Birds of Prey

**WEDNESDAY, NOVEMBER 6 • 6:30 P.M. – 8 P.M.****SPEAKER: Heather Merritt, Birds in Flight Sanctuary**

Raptors. Superior hunters. Binocular vision. Keen hearing to detect prey. Large powerful grasping feet with razor-sharp talons for catching prey, and generally large, hooked bills that can tear prey. **Join us to see the birds up close and personal** and learn about their role in nature – and your backyard.

**LOCATION: Mill Creek  
Metroparks Farm**  
7574 Columbiana-Canfield Rd.,  
Canfield, OH 44406

**CONTACT: 330-533-5538****COST: FREE**

**REGISTRATION INFORMATION.** Registration includes program and handouts. Please mail to 490 S. Broad St. Canfield, OH 44406, fax (330-533-2424), or drop off the registration to the OSU Extension Office in Canfield. The program is filled on a "first come, first served basis."

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Number Attending (\$0): \_\_\_\_\_

**THE OHIO STATE UNIVERSITY**COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES**OCVN: Bird of Prey****[mahoning.osu.edu](http://mahoning.osu.edu)**

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**CFAES**

Master Gardener Volunteer

*Garden Art Series*


## Holiday Containers

Join us to a look at turning your pots into holiday masterpieces! We'll cover form and style, along with finding and using several kinds of greenery, berries and other cuttings from your landscape. Go beyond the filler, thriller and spiller to turn your pots and planters into stunning displays for the holiday season. **NOTE: Bring up to a 12" diameter pot to fill during the class to get a leg up on your holiday designs. Leave soil in pot. Cut off plants, do not dig. This will help the design stay in place.**

**December 02, 2019****1-3 p.m. - Program**

**Speakers:** Margaret Biroshak and Pam Baytos,  
OSU Master Gardeners

**Location:** Canfield Fairgrounds, Colonial Inn**Cost:** \$20/person**Details:** Register ASAP – Seating is limited**Contact:** 330-533-5538

**REGISTRATION INFORMATION.** Registration includes the program, coffee and a light snack, and handouts. Please mail to 490 S. Broad St. Canfield, OH 44406, fax (330-533-2424), or drop off the registration to the OSU Extension Office. The program is filled on a "first come, first served basis."

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Number Attending (x \$20): \_\_\_\_\_ Amount Enclosed: \_\_\_\_\_

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**CFAES**

OHIO STATE UNIVERSITY EXTENSION

Master Gardener Volunteer

*Garden Art Series*

# Holiday Centerpieces

Join us to make your own festive centerpiece for the holiday season!



**December 9, 2019**

**1-3 p.m. - Program**

**Speakers: Pam Baytos OSU Master Gardener**

**Location:** Canfield Fairgrounds, Colonial Inn

**Cost:** \$20/person

**Details:** Register ASAP – Seating is limited

**Contact:** 330-533-5538

**REGISTRATION INFORMATION.** Registration includes the program, coffee and a light snack, and handouts. Please mail to 490 S. Broad St. Canfield, OH 44406, fax (330-533-2424), or drop off the registration to the OSU Extension Office. The program is filled on a "first come, first served basis."

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Number Attending (x \$20): \_\_\_\_\_ Amount Enclosed: \_\_\_\_\_



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