

# 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>



THE OHIO STATE  
UNIVERSITY

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## June is National Dairy Month and hosts National Pollinator Week!

Join us here at  
the extension  
office in our  
Celebration of  
National  
Pollinator Week  
to learn about  
Ohio's  
Pollinators!



### Dairy in Ohio

Ohio is home to about 2,200 Dairy farms!



The Dairy industry  
provided Ohioans with  
114,053 jobs and  
generated \$23.44 billion  
in sales.

### OHIO RANKS NATIONALLY

- 1<sup>st</sup>** In Swiss cheese production
- 2<sup>nd</sup>** In low-fat cottage cheese production
- 4<sup>th</sup>** In total number of dairy manufacturing plants
- 5<sup>th</sup>** In hard ice cream production
- 10<sup>th</sup>** In all cheese production
- 11<sup>th</sup>** In milk production & number of dairy cows

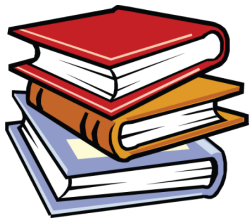
**June 18<sup>th</sup>:** Pollinators:  
Who They Are and  
Where They Live

**June 19<sup>th</sup>:** Pollinator  
Habitat: Nesting Site  
Diversity

**June 20<sup>th</sup>:** Bees and  
Beyond

**Registration and  
more information  
included in the  
newsletter!**





# A Book Suggestion from David Sprague

## *Gathering Moss: A Natural and Cultural History of Moss*

by Robin Wall Kimmerer

Living at the corners of our perception, mosses are a common but largely unnoticed element of the natural world. In *Gathering Moss*, the author Robin Wall Kimmerer shows us this largely unnoticed part of the world.

In this series of essays, Robin Wall Kimmerer leads readers to an understanding of how mosses live and how their lives are intertwined with the lives of countless other plants and animals. Kimmerer explains the biology of mosses clearly and artfully, while at the same time reflecting on what these fascinating organisms have to teach us. Here are some of the things I learned from this small but absorbing book.

Mosses can only grow when they are moist. Photosynthesis stops when they dry out. Since moss does not have a vascular system they are completely dependent on rain, fog or mist for their water. They get their nutrients from the water also. Mosses do not have roots. They have a root like structure that holds them in place called rhizoids, but that's all it does. Moss is found in all ecosystems around the world including Antarctica where they are the dominant plant life. World wide there are about 22,000 different species of moss.

Moss shares its life style with two other types of non-vascular plants: hornworts and liverworts (don't confuse them with Hogwarts and Liverwurst). Scientifically the three are known as bryophytes.

Non-vascular plants, like mosses, were the first plants to colonize the land sometime around 450,000,000 years ago. Today moss, along with lichen, is a pioneer in reestablishing vegetation in environmentally damaged places like strip mines and quarries. Because the only thing they need is water and sunlight, moss can get started in these places where more advanced plants cannot. Once in place, they provide a home for algae which can fix nitrogen. In their small leaves they capture dust particles that can eventually build up to provide a thin starter soil for other plants.

Despite their small size moss provides a home for many other creatures. In the chapter: The Forest of the Waterbear, Kimmerer describes many of the creatures who spend their entire lives in a clump of moss. One of these animals is the waterbear, who's life is intricately linked with moss. Waterbears are just about indestructible. They can go years without without water and in one experiment survived a week's long stay in the cold, irradiated vacuum of space.

After reading this book I've gained an appreciation for moss, which I admit, I never paid much attention to before. I use to remove moss from patios and walkways thinking if they were there I wasn't being diligent in my upkeep. Now I leave them alone. These ancient and interesting plants were here before I was. They were here before any of us and in their quiet persistence they will be here for a long time to come.

The book is expertly written, with a balance between science and personal reflection. The book is a winner of the John Burroughs Metal Award for Natural History writing. The author, Robin Wall Kimmerer, is Professor of Environmental and Forest Biology at the State University of New York.



# 2019 MGCV 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.

**June 13:** No need to pack your suitcase as we travel with Carolyn Fankhauser who will show pictures and talk about her March trip to Switzerland.

**June 25:** Drive-It Garden Tour of some of our MGCV's gardens. Details and garden descriptions coming soon.

**July 11:** Fourth Annual Flower Show, categories to be announced later.

**July 17:** Tour of Draime Gardens in Howland. Meet at extension office at 8:30 am to carpool to Howland for the 9:30 am tour. Cost is \$10/person.

**August 8:** Final plans for Canfield Fair at the home/gardens of Kary Shively

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.



**September 12:** Bruce Zimmer from Columbiana/Mahoning Co. Beekeepers

**October 10:** Tentative: 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.

## Reminder to all MGCV and OCVN committees:

When setting meeting days, please check with the office calendar before setting a date and time!

Thank you!



## INTERNATIONAL MASTER GARDENER CONFERENCE

June 17–21, 2019  
Valley Forge, Pennsylvania

Interested in going to the National MGCV Conference? The last day for registration is **May 23<sup>rd</sup>**! The conference has had over 1,000 registrants already! The conference has tons of amazing opportunities with a variety of keynote speakers, workshops, and garden tours!

Visit <http://www.cvent.com/d/hgqxlp> for more information and registration!



# Coffee with the Master Gardeners



## **April:** Hummingbirds by Marilyn McKinley

This program was a great way to learn about these fascinating birds. Migration begins in February from the southern coast of North America and Central America. It is important that the birds bulk up as much energy is used in flight. The birds fly 20 miles a day and stop every 15 minutes.

Ruby-throated Hummingbirds nest only east of the Mississippi. Nests are 2 inches and eggs the size of jellybeans. It takes 8 days to build the nest. The young birds leave the nest after 18 days. Their main food during the summer is nectar from flowers and some insects. Water is essential in a shallow container or by a mister or slight drip from a fountain. **DO NOT COLOR SUGAR WATER IF FEEDING.** The main portion of her talk was on the flowers that can be grown to provide the birds nectar. Flowers should be planted to provide blossoms for Spring, Summer and early Fall. It was a great program and very informative.



*Peg Zeleznik*

## **May:** Strawberries by Peg Zeleznik

Nothing is better than a sweet, juicy strawberry just picked. There are three types of berries that can be planted; June-bearing, Ever-bearing and Day-neutral. Bees are the pollinators of strawberries. Peg then went through where to plant and soils needed. Strawberries do NOT like “wet feet” so raised beds can be used as well as other planting arrangements. Strawberries need nitrogen. She then covered cultural practices, fertilizers and harvesting. Strawberries take some time but the rewards are great. The program was a real learning experience.

If you have not been to a Coffee with the Master Gardeners program, try to attend one. After attending you will be back!



## OCVN Corner



### OCVN Activities (Past & Upcoming)

By Nancy Brundage

Roundtable was held on March 19<sup>th</sup> and was a meeting of OCVNs and representatives from outside agencies that seek volunteers. Mill Creek MetroParks, Beaver Creek Wildlife Education Center, Ecco and one nonprofit were all in attendance. There was a discussion over the variety of programs and activities each place holds.

The naturalist series program scheduled for May 7<sup>th</sup> was cancelled due to unforeseen circumstances. The next program is on June 20<sup>th</sup> over coyotes and it should be a good one! We also added a class over Cicadas on May 28<sup>th</sup>!

The 2019 OCVN class finished up their training on Saturday, May 18<sup>th</sup>. The current OCVNs have been helping at all of the classes. We would like to say congratulations to all 17 of the new members and we hope you will stay involved with the other OCVNs. Now the fun part starts, volunteering!

Friends of Mahoning River will have their Riverfest on **June 2<sup>nd</sup>**. The OCVNs will have table and are looking for a few volunteers to help out.

A social with nature walk will be held **July 15<sup>th</sup>** at 6:15pm at the Lake Newport Wetland in Mill Creek MetroPark. There will be a short business meeting, ice cream, and then the nature walk. BettyAnn Nagy will be doing a demonstration over using eBird in the field.

## 2019 Naturalist Series

**5/28** 6-7:30 Mill Creek MetroParks Farm

Cicadas

**6/20** 6:30 - 8 pm MetroParks Farm. Coyotes in Northeast Ohio by Jon Cepek, Cleveland MetroParks Wildlife Ecologist

**8/10** 7:30 - 9:30 pm Metro Parks Farm A Concert of Crickets and Katydid by Dr. Lisa Rainsong, Cleveland Institute of Music

**9/11** 6:30-7:30 pm Fellows Riverside Garden Growing Caterpillars: A Tale of Birds, Plants and Conservation by Jim McCormac

**11/8** 6:30 - 8 pm Metro Parks Farm. Raptors by Heather Merritt Birds in Flight Sanctuary

**FREE BUT REGISTRATION IS REQUESTED**

### VOLUNTEER OPPORTUNITIES FOR OCVN'S

#### Junior OCVN Program:

**6/17:** Wildlife

**6/19:** Forestry

**6/21:** Invasive Species

**6/25:** Soils & Land Use

**6/27:** Aquatic Ecology

**6/29:** Tree Identification by Maple Sugar Grove

All weekday programs are from **6-8pm** and the

Saturday program is **10-3:30pm**

If you're interested in volunteering, contact [apreas@millcreekmetroparks.org](mailto:apreas@millcreekmetroparks.org) or call

Arika Preas at 330-740-7107, ext 108

#### Millcreek Metroparks Day Camps:

**June 11-14** Where the Critters Are

9a-1p (Ages 5 & 6)

**June 17-21** Extreme Science

9a-4p (Ages 7-9)

Contact Mandy Smith

[msmith@millcreekmetroparks.org](mailto:msmith@millcreekmetroparks.org)

# Meet the 2019 Ohio Certified Volunteer Naturalist Class of 2019

## THE NEW OCVN CLASS, IN THEIR OWN WORDS

The 2019 OCVN Training wrapped up on Saturday, May 18<sup>th</sup> with their final presentations and exam. We had an excellent class and training this year and look forward to welcoming our new class into the program!



### **Theresa Kana Brown**

I grew up in Campbell, Ohio and graduated from Campbell Memorial High School. I now live in Canfield with my husband Steve and two daughters, Natalie and Stephanie. I have always had a great love of nature, and especially forests. My parents Jean and Jack, and my siblings John and Marleen loved the outdoors also. My father was the biggest catalyst for my love of the outdoors and nature. He taught me how to plant flowers and would spend time with me watching birds. We always went camping and biking as a family. I still continue to camp with my husband, family, and friends. We especially enjoy camping in Ohio State Parks and enjoy the great hiking and biking trails that are offered. I am so happy to finally be pursuing my lifelong passion of becoming a naturalist. I plan on volunteering with WildYou a nonprofit organization that was founded by Naturalist Julie Bartolone. I may also spend time volunteering for Mill Creek Park, which is one of many of my favorite parks to spend time in our area.

### **Amy Bue**

Growing up in Poland, Ohio, most days I was in the Poland Woods. Whether catching crayfish in Yellow Creek or sunning myself on a rock while staring down a black snake on the rock next to mine, there, in my extended backyard, the forest was my second home. My mother taught me to catch pollywogs, watch them grow, and release them back into the neighbor's pond. We would go for flower walks, and we were the neighborhood babysitters of pet snakes when grandmas came to visit. I heard about the OCVN program through a newspaper article. I have a somewhat unusual interest as the head of a group of researchers and scientists looking into the possible existence of Sasquatch as a real species. I spend a lot of time in Ohio's forests, and I wanted to gain a deeper knowledge of what is out there and what can be done to protect it. Trees or trail maintenance will most likely be my volunteer focus. The most surprising thing I've found is how much geology and water ecology interest me. I plan on making changes in my own landscaping to make the patch of earth I live on healthier.

### **Tricia D'Avignon**

Tricia grew up in Youngstown, Ohio. From an early age, her mother had a garden in the yard and when they moved to the west side of the city their property abutted Mill Creek Park where she and her brothers would spend countless hours walking the creek and collecting salamanders. Tricia received her master's in Urban Planning Design and Development from Cleveland State University and works as a planner. She is most interested in the interconnectedness of the various aspects of nature and the built environment. She learned about the OCVN class through OSU extension emails. So far she has really enjoyed learning about the development of the continents and really enjoyed watching One Strange Rock on Netflix as a supplement to what she has learned in class. She studied photography prior to planning and enjoys visiting other rustbelt cities with a group called Rustbelt Young Urban Preservationists and exploring new cities, learning about their histories, and photographing historic structures. Tricia is most interested in volunteering to do outdoor activities such as hiking or kayaking tours and planning urban tree plantings to increase the urban tree canopy.

# THE NEW OCVN CLASS, IN THEIR OWN WORDS

(continued)

## **Kenneth Davis**

I grew up on a 50-acre farm in the middle of Portage county. We had a milk cow, chickens, pigs, horses, plus the usual cats and dogs. There were plenty of chores to do. I spent a lot of time in the woods, sometimes with the dogs but often by myself. I liked to lay as still as possible and wait for the forest to come alive. In the summers I would sometime spend the night out there in a small tent. I enjoyed listening to the night sounds while falling asleep. I have always been interested in ecology and good stewardship of our planet. For decades I have been a dues paying member of several environmental organizations. I used to be the director of the solid waste department in Mahoning county. We promoted and activated and expanded recycling operations in Mahoning and Trumbull counties. We gave presentations in school and to adult groups alike – not just on recycling but also a reverence for the natural world as well as how to live a low impact lifestyle. I retired about a year ago and in that time have completed the MGVC course in Trumbull county; also, the volunteer pollinator specialist program through OSU and Denise Ellsworth. It took then months. I also volunteer at our community garden in Warren. Have done some speaking to children and adults. I have participated both as a leader and helper on several past and ongoing projects at the garden.

## **Joe DeFuria Jr.**

Growing up on the west side of Youngstown, I was lucky enough to have a non-developed area behind our house to play in and explore. It's hard to say why I became interested inquisitive nature, maybe it was just spending so much time in the "woods," as we called it, which was literally right out the back door. In addition, my inquisitive nature of always wanting to know "what that is" or "why is this like so" started my learning process of the outdoor world that continues to this day. I currently live in Hiram with my wife Tammy on a wooded tract of land which we manage primarily for wildlife. Some of our activities are making maple syrup, raising bees, creating wildlife habitat, timber stand management, and controlling invasive species. I also enjoy "birding," especially for the warblers during the spring migration, fishing, golfing, and winter weather forecasting. With our woodlot, we are members of the Northeast Ohio Forest Association where I volunteer to do woodland improvement projects for fellow members. In 2019, I will also be volunteering with ODNR's Scenic Rivers and Natural Areas & Preserves agencies.

## **Laura DePizzo**

Years ago, I had become aware of the OCVN program, but it wasn't until my three kids were grown that I thought I could commit the time needed to complete the program. I grew up in a rural area and have always enjoyed the outdoors. I have never been much for TV and don't find much enjoyment for the teach world and find it so much more fun and enjoyable to be outside. I work for Lakeview Local Schools and plan the field trips and maintain the district's land lab. There is nothing better than seeing kids open their eyes to something that is common but they see it in a different way when you talk to them about it. I am currently working with the city of Cortland in Trumbull County to plan an Outdoor Adventure kids program with the parks department. I am looking forward to this new adventure!

## **Beth DeVore**

Hi, my name is Beth DeVore. I am a Mahoning County native, but I have lived around the world with my husband Marty and my two children. Growing up I enjoyed camping with my parents and four siblings at state parks across the country as well as local campgrounds. Exploring the out-of-doors with them was always an adventure. I am also a lifetime Girl Scout. I relished the troop camp outs where we hiked and learned about our natural surroundings. Church camp near Hiram, Ohio also gave me a chance to see nature from God's point of view. Lindley Vickers visited camp and made an impression on me with his knowledge and love of nature. I discovered OCVN training through the Green Team online newsletter. I saw it as a new avenue to be able to work with both Scouts and other youth in our area helping them to see the beauty of our natural areas. Because of this class I have become more aware of how vulnerable our natural resources are. Invasive species putting our parks and forests at risk. I am also excited to explore local green ways I was unaware of.

# THE NEW OCVN CLASS, IN THEIR OWN WORDS

(continued)

## **Eileen Dray-Bardon**

I am Eileen Dray-Bardon. I was born and raised in Columbiana County, where I currently live on 100 acres which has been in my family for 6 generations. I grew up tromping the woods of this property with my dad, where we identified trees and wildflowers and delighted in the bird calls. In my youth, I dreamed of pursuing a career in forestry, but found limited opportunities for a female in that field at the time. My love of nature sustained me through the years. I learned from a friend some years ago that the OSU extension office offered a Naturalist course and I knew some day I would sign up. The OCVN series has allowed me to take a deep dive into topics in which I had limited knowledge. This series has pulled it together for me. I am a history buff and this course added clarity to how our natural world has impacted our country's development. I plan to volunteer at the Beaver Creek Wildlife Education Center where I hope to enlighten people about the need to protect and preserve our natural resources.

## **Mary June Emerson**

Hi My name is Mary June Emerson, I am a life-long resident of Mahoning County. I grew up in Boardman Twp., where my family truck-patched a 50 acre farm. We also raised horses, sheep, wild turkeys, rabbits and chickens. I was a 4-H and an FFA member and my family was very involved in the Canfield Fair. Actually I have worked in the Canfield area most of my adult life. I graduated from MCCTC in 1975 (at that time known as the JVS) in their Horticulture program. Some of my work experience includes: Managing Alexander's Flowers for 5 years, part-time and seasonal Horticulture Assistant at OSU Extension for 11 years, Environmental Educator for the Soil and Water Conservation District for 9 years and Horticulture Instructor at MCCTC for 13 years. I have 3 married children and 4 grandchildren from my 1st wonderful marriage of 38 yrs. and presently I am very blessed to be re-marrying this coming Sept. Last year a major change took place as the Horticulture program closed. I currently am the Natural Resource & Wildlife Mgmt. program Instructor at MCCTC. This is a brand new position for me and I am hoping to improve my skill level in Natural Resources and Wildlife by taking the OCVN training classes offered here at OSU Extension. So far the classes have been very informative and I realize how much there is that I don't know. I have always enjoyed the outdoors (camping, fishing and hiking) A perfect vacation to me is going somewhere where I can experience something new that nature has to offer. I also enjoy sharing information with others and troubleshooting to find answers to questions. I usually help out in the summer with the Horticulture Hot-line and will probably continue to do so as long as I am needed.

## **Kathy Forsyth**

My name is Kathy Forsyth and I love being among the trees and streams in the woods. I was raised on Staten Island, NY. At that time it was the borough no one wanted to live on, all woods and "wild" animals. That is when my love of nature started. There were trees everywhere, deer, rabbits, salamanders, frogs and so much more. When in the woods I am drawn to streams and pine forests. I love looking under rocks hoping to get lucky enough to catch a glimpse of some type of amphibian or fish and I love the smell of the trees. I purposely looked for this class, I had taken a similar class in Florida and heard that they had them in every state. Since I'm new to Ohio there are some areas (such as the soils and geology) that are all new to me, but in each chapter I have learned something new. I'm hoping that after this class I will learn more about the Parks in the area, meet some people with the same interests, get to do some river clean-ups and so more. I love gardening, sewing, art museums and science.

## **Laura Frost**

Hello, my name is Laura Frost. My favorite aspect of nature is understanding biodiversity and the interconnectedness of species, especially in aquatic biomes. My hobbies include scuba diving, snorkeling, hiking, cooking and reading. Although I currently live in Boardman, I spent my childhood playing in the woods in my backyard in Columbiana County. We participated in 4H and had a variety of pets, including rabbits and a goat. I found out about this class from a coworker who shares a similar passion for educating students about nature through science. I plan on taking everything I am learning and teaching my eighth-grade students how to identify species that surround the school building. My favorite thing I have learned so far was from the herpetology class when experts talked about different species of amphibians and reptiles in our area. In the entire state, one species of snake is only found in the Youngstown region! I'm developing lessons for my students that allow them to explore and document what is here in our area to help real researchers. As a volunteer naturalist, I would like to lead park programs to teach other teens in our community these skills as well.



# THE NEW OCVN CLASS, IN THEIR OWN WORDS

(continued)

## Carl Leet

Growing up on the East Side of Youngstown there was quite a bit of gardening going on that I paid little attention to. Besides the tomatoes, peppers, and green onions and other tasty vegetables there were fruit trees. Those trees provided children places to climb and hide and imagine they are on oceans, in deserts or to the jungle. I didn't know it at the time but I spent quite a lot of time outside growing up. One of the family stories came from my Grandmother Comsia, on my mother's side. She grew flowers, I remember gladiolus and roses. Her neighbor behind them were always in conflict over dirt. He thought that my grandmother was stealing his dirt under a wire fence. Now I know that dirt, soil is the beginning of a good garden. The source of life for your plants. Every evening in this class met I came away with a question. Mostly why I had not been introduced to how soft fox pelts are, that the Liverwort plants, that my wife grow, don't have seeds but spores, going on a Frog Walk with Ray Novotny at Vickers Nature Center on 224 was something that I will remember for a long time. The noise level of the peepers and the exuberance of all that were there on a chilly, rainy evening walking in the dark splashing and oozing in and out of the mud was wonderful. I was a working photographer for 35 years and this class has given me many ideas of how to use photography in ways that I have not thought of before. We will have to see comes of these photo thoughts. My neighbor Tom Murphy was the one who interested me in this OCVN class and we are both interested in water quality and that is where we both were thinking of volunteering.

## Scott Lenhart

I was fortunate to grow up a stone's throw away from Lake Erie. My dad and I would ride our bikes down to the lake where I learned the art of skipping stones. The whole family spent many a summer day on the lake until I was old enough to explore on my own. I had a wonderful middle school science teacher who always made us laugh and inspired us with his own knowledge and love for nature. I love how every time I step outside, I see something different. Whether some plants have grown, new species have come to visit or its some of the usual suspects hanging out. Nothing is ever the same. It is amazing how many new things I have learned about the native species of Ohio and how our landscape has been shaped. I hope to spread some of this new knowledge to my students and hopefully inspire the next generation of naturalists. Many people think they have to travel far away to find amazing things. I want to help everyone realize we have enough amazing things right here in Ohio.

## Dina M. Ligoure

I have always been interested in nature....animals, plants, birds, and even some bugs. Visiting my Grandmother's farm in Southern Indiana is probably where I learned the most. I was able to get up close and personal with cows, chickens, bees, cats and dogs. I can only guess that this is where my interest sparked? Birds are my biggest interest these days and I am always looking for ways to bring more birds into my backyard. I am not an expert by any stretch of the imagination so when I saw the article in the paper about this program...I knew I was in. I have been spending some time lately with the eagles of Lippy Rd. I even captured some pretty awesome photos. I have learned so much more than I could have ever imagined in this program! I have a few ideas about volunteering, but I haven't made any decisions yet. I am excited to explore my possibilities, there are so many choices. I am grateful for the opportunity and the serendipity of the random Sunday paper. I think I bought three last year and this article was in one of them...funny how that works.

## Tom Murphy

My name is Tom Murphy. I grew up on the north side of Youngstown in the 1950s and 60s. I graduated from Ursuline High School. After high school I attended YSU and worked in a few jobs including an ice cream store and at Youngstown Sheet and Tube in the Open hearth. I enlisted in the US Air Force in 1968 and spent 4 years as a Weapons Mechanic. I served in various places in the US and spent one year in Vietnam. After my discharge I returned to YSU where I earned both my Bachelors and Masters degrees. I am married and have one grown son. I worked in Community Mental Health in Mahoning and Trumbull counties for about 37 years. Most of my professional life was spent working with people with chronic and severe mental illnesses (E.G., Schizophrenia and Bipolar Disorder). I retired in 2013 and now spend my time doing volunteer work, playing some golf (not very well), and learning about a wide variety of things in various programs and lectures. don't know where my interest in nature came from or when it started – but I have always enjoyed nature. I love the trees, rocks, streams, etc. – but don't know a lot about them. I have long been concerned about our environment and have recycled for 40 years. Several months ago, I noticed a brief article in the Vindicator saying that there would be a program starting in January to learn to be a Certified Volunteer Naturalist. I wasn't sure what that involved, but it certainly piqued my interest. It has been an interesting and informative program thus far and I look forward to continuing to learn – and to serve as a volunteer.

# THE NEW OCVN CLASS, IN THEIR OWN WORDS

(continued)

## Peggy Palma

Peggy also volunteers at the Butler Institute of American Art as a docent, a kind of OCVN for art collections. She is a retired elementary school teacher, who can now explore the topics she loves the most. At home, her favorite activities include spending time with her husband Billy, or reading, sewing, and entertaining the family's dog, a Westie named Cappy. Luckily, Cappy like "adventure walks" in Mill Creek Park. Peggy grew up in the west side neighborhood that edges the historic Park, where she could follow the renowned naturalists and storytellers, Lindley Vickers and Bill Whitehouse. These days, Peggy is a member of one of the Park's standing committee for community involvement, the nature education committee. Another committee member, Nancy Brundage, was the first to tell her about the OCVN program. Peggy then eagerly applied and participated when a training program was announced in 2018. She hopes to be next seen working at Ford Nature Center, guiding a hike in the park, or returning to a school for an outreach program. In this way, she can share her favorite thing about natural environments, that they are simultaneously always changing, yet eternally the same.

## Carol Truitt

I grew up in Greensburg, PA, and got a love of the outdoors and gardening from my dad. He took my sister and me camping and fishing, and we always spent a few weekends a summer in the Ligonier Mountains, tramping through the woods with our cousins. In 1965 we moved to Warren, OH. I worked at Seventeen Fourteen FCU until 1989, when I relocated to Connecticut after marrying my husband, Don. When we retired, we decided to move back to the Mahoning Valley and currently live in Canfield. Now I plant a container garden, or as I like to call it, a deer buffet. I am a volunteer at the Beatitude House Immigrant Outreach program and at Mill Creek Metro Parks, at both the Farm and the Fellows Riverside Gardens. Besides gardening my hobbies include hiking, quilting, baking and cooking. So far I am enjoying the classes and hoping I will be able to retain at least some of the information.



## Coming Soon: Pollinator and Phenology Citizen Science Projects

OSU Extension at OARDC is no longer gathering and storing phenology data, however, our past Phenology Network Data is being transferred to Nature's Notebook at the University of Arizona. We are in the process of organizing this program and will soon be providing an introduction to this program and its protocols for interested OCVNs and Master Gardeners.

Pollinator Network data is again being collected for the Great Sunflower Project. Our new pollinator plants will be picked up on May 30. After these are planted, labeled, and added to the plant list, we will have a meeting to introduce this application for collecting and adding pollinator data for our plants.

OCVNs and Master Gardeners are welcome to participate in either or both of these Citizen Science Projects. Watch for the meeting invitations coming soon!

Sheila Cubick, Phenology and Pollinator  
Committee Chair

**SAVE THE DATE:** for the third national conference Protecting Pollinators in Urban Landscapes held **October 7-10, 2019** at the Cincinnati Zoo and Botanic Gardens, Cincinnati, Ohio. Presented the partnership between Michigan State University and North Carolina State University, this conference will continue traditions of connecting current research and educational outreach to participants. Stay tuned as more information about the program becomes available.

<http://protectingpollinators.org>

# The schedule is ready for our 2019 Local Flavor Series this summer!

Check out the schedule at: <http://go.osu.edu/2019LocalFlavor>

The first program is Monday, May 27, at Hope for Newport Community Garden on the Southside of Youngstown. Please attend to learn how to use the kit to demonstrate best practices in Integrated Pest Management and proper plant care. This will help you be able to be part of the team that leads these events throughout the summer months this year. The Good Natured Garden Partners will arrive at 5pm to pick up plants and seeds. Any help with this activity will be very much appreciated, as there are lots of questions from participants.

NEW ---We will have TWO sign in sheets to better track the Good Natured Garden Partners (GNGP) groups. They will need to sign on a different list to ensure they get counted for their extra prizes for this program. We have TWO new sites and GNGP teams this year. Pretty Exciting!

## Cicadas

The small but mighty Brood VIII is starting to emerge here in NE Ohio. Dr. Gene Kristky did a webinar for our volunteers this evening. It was great! The link to the recording is here:

<https://youtu.be/48XbAXXfNek>

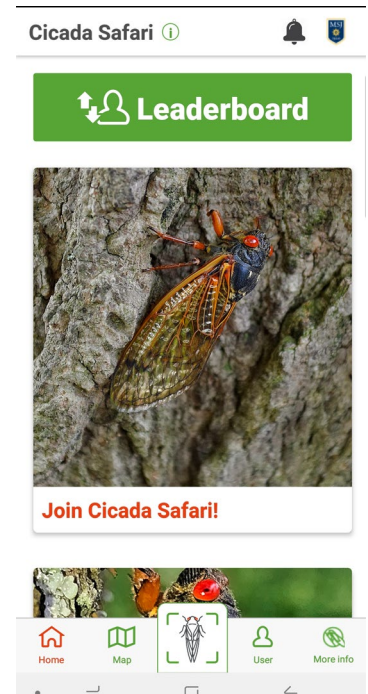
His app is called “Cicada Safari” from Mount St. Joseph University. It is available on both the App Store and on Google Play.

Reports of emergence have been confirmed in the Pittsburgh and Beaver areas as well as East Liverpool. Emergency in Mahoning County will most likely be over the weekend (especially with the very warm forecast!) Here is some info

PRINT THE FACTSHEET...for customers from: <http://go.osu.edu/cicadas>

TIPS FOR CUSTOMERS...IF and only IF they have an emergence around their home, here are the basic tips:

- Do not freak out! Cicadas do not bite, transmit disease or harm humans.
- Newly planted trees/shrubs under 5' MAY need protected using something like cheesecloth if there is a LARGE population of cicadas around their home.
- The females lay eggs in branches the size of a pencil, that is the concern for small trees/shrubs.
- Once the males stop singing, there is no longer a need for protecting plants.
- Pets will play/eat these when they start to emerge. They will get tired of them after a few days.
- Enjoy this – it is an amazing part of nature that we do not see very often!



# Cicadas

**Tuesday, MAY 28 • 6–7:30pm**

**Presenter: Ashley Kulhanek  
OSU Extension Entomologist**

Learn all about the 17-year cicada that is emerging in the Mahoning Valley. What does it do? Why is it in the ground for 17 years? Are they a problem for pets? Trees? Shrubs? Ashley will share an energetic presentation about the life cycle and wonder of this phenomenal insect.

**LOCATION:**

**Mill Creek MetroParks Farm**

**CONTACT: 330-533-5538**

**COST: FREE**

**REGISTRATION** Registration includes program and handouts.

Please mail to 490 S. Broad St. Canfield, OH 44406, fax (330-533-2424), or drop off at OSU Extension.

Call OSU Extension – 330-533-5538 or Fellows Riverside Gardens – 330-740-7116 to register

**This program is part of the Naturalist Series that is hosted by OSU Extension and Mill Creek MetroParks**

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

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

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

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



**Cicadamania!**  
**[mahoning.osu.edu](http://mahoning.osu.edu)**



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# Hydrangea School

Join Eric Barrett to discover the world of hydrangeas. Learn about types, care, pruning and bloom times. You'll receive a quick reference chart to take to the garden center and a hydrangea plant to take home.

**Wednesday 6-8pm**  
**June 12, 2019**  
**330-533-5538**

**Location:** Canfield Fairgrounds, Building 24 – follow signs  
7265 Columbiana-Canfield Rd, Canfield, OH  
**Cost:** **\$30/Person** – includes a plant to take home  
**Details:** Space is limited. Register early.

**REGISTRATION INFORMATION.** Registration includes the program and handouts. Please mail completed registration form to OSU Extension, 490 S. Broad St, Canfield, Ohio, 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: \_\_\_\_\_

**Registration includes handouts and a hydrangea plant to take home for your landscape.**

\$30 per person to register \$ \_\_\_\_\_ **Total Enclosed \$** \_\_\_\_\_

Please make checks payable to OSU Extension. For questions, please call OSU Extension at 330-533-5538.



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# COFFEE WITH THE MASTER GARDENERS

## Adapted Raised Bed Gardening

Interested in gardening but don't have the proper soil or ground space? Need more accessible gardening space? Don't let that stop you from having a beautiful garden and join the Master Gardeners to learn about adapted raised bed gardening!

**Speaker: Stephanie Hughes, Master Gardener Volunteer**

**Monday, June 17<sup>th</sup>**

9:30 am—Coffee, Donuts, Refreshments

10 am-12 pm—Program

**Location:** 490 S. Broad St. Canfield, OH

**Cost:** \$15/person

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

**Contact:** 330-533-5538

**REGISTRATION INFORMATION.** Registration for *Coffee with the Master Gardeners* includes the program, coffee and a light breakfast, 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 \$15): \_\_\_\_\_ Amount Enclosed: \_\_\_\_\_



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**CFAES**

OHIO STATE UNIVERSITY EXTENSION

# Join us in our Celebration of National Pollinator Week to learn about Ohio's Pollinators!

**Classes offered on  
June 18, 19, & 20!**

Location: OSU Extension, Mahoning County  
490 S. Broad St, Canfield, OH 44406

Cost: \$5.00 per class or all 3 for \$10.00

Details: Register ASAP. \*Class times vary, please see below.

Contact: 330-533-5538

**June 18<sup>th</sup>: Pollinators: Who They Are  
and Where They Live** 6:00-8:00 p.m. by  
*Sheila Cubick, MGV & OCVN*

We will investigate the plant/pollinator partnership, pollinators, and where they live through a combination of interactive activities, lecture, and observation.

**June 19<sup>th</sup>: Pollinator Habitat: Nesting  
Site Diversity** 2:00-4:00 p.m. by  
*Sara Scudier, MGV & OCVN*

Come learn where different bees nest, the environment requirements, and how you can help these pollinators thrive!

**June 20<sup>th</sup>: Bees and Beyond**  
10:00 a.m. – 12:00 p.m. by  
*Marilyn McKinley, MGV, OCVN, &  
Volunteer Pollinator Specialist*

Join us to learn more amazing pollinator information. Fun facts, plus more ways to attract them to your landscape.

**REGISTRATION INFORMATION.** Registration includes handouts and Bee ID guides for all participants!

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

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

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



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# Living Picture Frames

Create an eye catching succulent focal point for your garden or patio. Join us as we turn a simple frame into a living work of art.

Speaker: Pam Baytos



## Monday, July 8

## 1pm-3pm

**Location:** Canfield Fairgrounds, 7265 Columbiana-Canfield Rd., Canfield, OH 44406 – Building 24

**Cost:** \$20/person

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

**Contact:** 330-533-5538

**REGISTRATION INFORMATION.** Registration includes the program and materials for project to take home. 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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# Local Flavor 2019

## Growing Local Foods: Urban Farms & Gardens Summer Tour Series Mondays at 6pm, Youngstown, Ohio

May 27	Hope for Newport Community Garden Good Natured Garden Partners Plant/Seed Pick-up	420 Clearmount
June 3	Mineral Springs Community Garden	723 Mineral Springs Ave
June 10	Chaney High School/Rayen Early College	731 S. Hazelwood
June 17	Dorothy Day House	620 Belmont Ave
June 24	Jubilee Gardens	150 Lafayette
July 1	Taft School & Community Garden	730 E Avondale, Behind School
July 8	P. Ross Berry/MLK Gardens	940 Bryn Mawr Ave.
July 15	Horizon Science Academy	115 E. Ravenwood Ave.
July 22	Hope for Newport	420 Clearmount
July 29	Heart Reach @ Redondo	211 Redondo Rd.
Aug. 5	St. Pat's Community Garden	1420 Oak Hill Ave
Aug. 12	Flying High Urban Farm & GROW	100 Broadway (Enter Broadway & Bryson, drive to end)

Join OSU Extension staff and trained Master Gardener Volunteers to learn about growing practices, helpful tips, soils, organic production and more.

Bring a lawn chair for seating and a notepad. Don't forget your weeds, disease and insects—we'll diagnose what's going on in your garden, too!



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OSU Extension, Mahoning County  
**QUESTIONS? 330-533-5538 or [mahoning.osu.edu](http://mahoning.osu.edu)**

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