Parade of Enchanted Forest Homes

For two nights each October, the trails surrounding The Wilderness Center are filled with the laughter and excitement of families discovering the nocturnal creatures of the Enchanted Forest.

This year at the Enchanted Forest, Spider, Mole, Mouse, Turtle, Skunk and Crayfish will invite families into their forest homes. As guests are escorted along our pumpkin-lit trails by volunteer ‘fireflies,’ these friendly animals will sing songs, tell jokes and share stories of how and where they make their homes in the nighttime woodlands. Following this 45-minute walk, families can return to the Interpretive Building for refreshments.

Children and adults are welcome to wear non-scary costumes. Before hitting the trails, visitors to this year’s Enchanted Forest can visit our coloring area or pose for photos with Luna Moth. Be sure to stop in to the Astronomy Education Building when you are coming or going to do some star-gazing through our telescopes or enjoy a planetarium show to add some extra fun and enrichment to your evening!

The Enchanted Forest comes alive on Friday, October 11 & Saturday, October 12. The price of the event is $6.00 for members and $8.00 for non-members. Children age 3 and under will be admitted for free. We will once again be offering a special early departure time slot for our youngest visitors on Saturday evening at 6:00. For both Friday and Saturday the remaining departure time choices will be 6:30; 7:00; 7:30 and 8:00. Advance registrations are encouraged to avoid long waits, and can be made at wildernesscenter.org or by calling 330.359.5235.

Who do we see headed to this year’s Enchanted Forest? Watch our social media for more photos as this new character emerges!
At first glance, the mission of The Wilderness Center's Education Department seems pretty broad: "To provide experiences for people all ages to study and appreciate nature." There are plenty of experiences that people, young and old, can have in nature while learning about it! On the surface, this statement is fairly straightforward: Do stuff so that people enjoy learning about nature. But this is not something our staff takes lightly. We know how crucial it is that we work towards our goal of helping people know how important it is to appreciate nature.

Are we trying to influence behaviors? Absolutely - and for good reason! As consumers, we are constantly bombarded by messages that try to influence our behavior. "Buy this, you need it." "Do that, you'll enjoy it." These messages are everywhere. And now you find out that the education mission of TWC is trying to sell you something too? It's true. We're trying to sell you on our love for nature by teaching you all about it.

You may think that our department only serves school-aged children, but no one is too old to learn. The same glimmer of wonder in a six-year-old's eye looking at a dragonfly nymph from the pond is the same glimmer that we see in adults of all ages. Nature truly provides us with an ever-changing world, practically begging us to ask more question every single day: What is it? Why is it? How does it matter for the bigger picture of our beautiful world?

Rachel Carson, best known for *Silent Spring*, also wrote *The Sense of Wonder* in 1956. In this book she recognized and encouraged adults to explore the natural world together with children. "If facts are the seeds that later produce knowledge and wisdom, then the emotions and the impressions of the senses are the fertile soil in which the seeds must grow."

This approach is how our Education Department feels whenever we greet a group of children, teenagers, adults, or seniors. We strive to induce that sense of wonder in all of the visitors we meet so that they may learn nature, understand nature, and realize how essential it is to a healthy and happy life.

Don't believe us? We invite you to join us for a hike in the morning, a dip net in the pond, an investigation under a rotten log, a glance at a clear nighttime sky. Come alone or bring a child special to your heart and together share the accidental smiles of preparing the soil for a lifelong relationship with nature.
Leadership Volunteers

Larry Yates
TWC Docent

Can you tell us a little about your background?
I grew up in Mt. Eaton, graduated from Waynedale HS and Heidelberg College. After two years in the Army, I started teaching in Orrville, then at Waynedale, and after retiring went back to work at Dalton HS. I have been married for over half a century, have three sons and eight grandchildren.

What brought you to TWC?
About ten years ago I was retired and looking for a volunteer opportunity. I got interested in The Wilderness Center and had small grandchildren close by at the same time, so it was a great fit. I began bringing the kids here for different activities and was impressed by the enthusiasm and knowledge of the staff. I took the OCVN class in 2012 as a starting point for my education in the fields of nature because my teaching fields were not science-related. By taking advantage of the continuing training offered here, I felt comfortable becoming a docent.

What do you do here?
As a docent I lead classes, particularly Animal Home & Habitats and Wet & Wild. Occasionally I help with other projects, such as Geology Day, Enchanted Forest, Migration Sensation and other activities off-site.

Why do you think TWC is worth giving of your time?
I really enjoy my time here. Lynda and Carrie were my first contacts with the Center, and their enthusiasm and knowledge led me to want to be more involved and continue to learn about the various facets of nature and to be able to pass on some of the enthusiasm to the kids I come in contact with. I enjoy being around the kids who come here on field trips. It is refreshing to see the world through their eyes and see their reactions to the experiences they get when they come here.

Volunteer Bulletin
THE WILDERNESS CENTER NEEDS YOUR HELP!

Volunteer for Enchanted Forest
October 11 & 12

Please help us in making this annual event a success! We are always in need of ‘fireflies’ to lead our visitors through the woods, and volunteers to help prepare the trails and costumes.

Call Debbie at 330.359.5235 or email store@wildernesscenter.org for more information.

For more information call 330.359.5235 or visit wildernesscenter.org/give.
Let’s Go Outside!

Try a seed hunt this fall! These life-sustaining little packages are fun to find at this time of year and come in all shapes and sizes. Help kids find examples of the five ways that seeds are dispersed:

1. **Gravity** — seeds drop to the ground
2. **Animals** — sticky or spiny seeds that attach to fur, or are surrounded by tasty fruit and pass through digestive systems
3. **Air** — the spinners and floaters
4. **Mechanical** — seeds that are catapulted into the air
5. **Water** — seeds that float

With younger children, make a page for each of the five types and glue examples under the appropriate headings. This is a great fall project that can be continued every time you are outside. Which category will you find most often? Would results differ in May or June?

Help the monarchs by gathering some milkweed seeds for planting next year. Milkweed seeds germinate best if they are stratified, which means exposing them to cold for 3-6 weeks. Many people put the seeds between moist paper towels and place them in a plastic bag in the refrigerator.

You don’t have to stratify the seeds, but the germination rate increases greatly if you do. Some people also scarify the seeds, which just means that they are nicked or scarred to break down the seed coat. A good source of planting instructions is on the Monarch Watch website.

See you at the Center!

— Herbert W. Broda, Ph.D.

Vice President | Board of Trustees
Professor Emeritus of Education | Ashland Univ.
Adjunct Faculty, Education | College of Wooster
movingtheclassroomoutdoors.com

International Observe the Moon Night

Join the Wilderness Center Astronomy Club on Saturday, October 5, at 7:00pm as we celebrate International Observe the Moon Night!

This is a worldwide celebration of lunar science and exploration which has been held annually since 2010. One day each year, everyone on Earth is invited to observe and learn about the Moon together. You will be observing the Moon with thousands of people at museums, planetariums, schools, universities, observatories, parks, businesses and backyards around the world!

The Planetarium show “Moons: Worlds of Mystery” will be shown at 7:00 and 8:00pm.

Discover the Benefits of Buying TWC Birdseed

Would you ever buy old food for your family or pets? Probably not. The same should be true for our feathered friends. So why is the birdseed better at the Wilderness Center? The primary reason is age. You see, here at TWC, we purchase seed that is less than a year old from a local supplier. With our supplier, if seed is not sold within a year, it is either disposed of or donated. Many other distributors try to recoup their loss by selling at a reduced price to grocers, big box stores and discount stores who then sell it to you at a discounted price. Unfortunately, the seed could be up to 5 years old!

Before retiring, Dennis Donath, a researcher for the USDA Seed Research Laboratory in Madison, WI, did extensive research on seed at various ages. First, Donath compared volume and weight. He found that seed that was over 2 years old weighed 12.8% less than younger seed. This weight discrepancy is caused by the embryo and endosperm in the seeds drying up. Next, Donath did a visual examination. The older seed was generally smaller than the newer seeds proving that the older seed had lost some of its moisture content. Lastly, he drilled the nuts to check the meat. About 1% of older seed had tiny holes indicating some form of insect damage, while other seed had various larvae that had consumed 30-40% of the weight of the seed.

In addition to losing its full nutritional value, old birdseed runs a greater risk of contamination from insects, fungus, mold, etc. This contamination can lead to possible bird diseases.

While birds are not usually picky eaters, they do deserve a safe and nutritious meal. When you purchase seed from The Wilderness Center you are getting the best nutritional value for your feathered friends. Look for the Birdseed Order Form in this newsletter, or visit wildernesscenter.org for details about our upcoming annual Birdseed Sale.
Supporters’ Spotlight

Forest, Farm & Fork
Saturday, September 28, 2019

Here at The Wilderness Center, we’re counting the days until we return to Wholesome Valley for our second annual Farm-to-Table Dinner and Fundraiser: Forest, Farm & Fork.

The farm to table dinner format resonates well with the Center’s mission, reconnecting people with nature by way of their food, wine and other local farm products. In addition to being a truly special fundraising event, it is a way of creating community by bringing like-minded people together, allowing good ideas to flow and new friendships to be forged.

We are proud to be collaborating with our neighboring farm not only for the fresh and extraordinary cuisine, but also to demonstrate the common environmental principles that TWC shares with Wholesome Valley Farm and so many other Ohio food producers who strive to provide food for our community in an economically and environmentally sustainable manner.


Reservations for Forest, Farm & Fork are $95 per person. For more information, or to reserve your seats, please call Barb at (330) 359-5235 or email barb@wildernesscenter.org. Sponsorship inquiries are welcome.

Accommodations for special dietary needs, food allergies or vegetarian options should be arranged when making reservations. Last minute accommodations cannot be guaranteed. The attire for Forest, Farm & Fork is flexible - from casual to “farm fancy.” We encourage guests to wear comfortable clothing and footwear for the weather of the day.

— Barbara Vitcosky
Development Director

Welcome New Members
June - July 2019

Suzanne Aldrich
Gary & Jackie Amos
Sue Anthony
Holly Brust
Rebecca Franck
Joseph & Roxana Gruca
Larry & Jeannie Janchar
Katherine Lautzenheiser
Rose Maple
Lotus McCleery
James Merriner
Addi Meryo
Andrea Miller
Eric & Mary Prather
Heather Shaffer
Gina Spence
Lindsay Spring

David & Emarianna Widner
Cathy Zalaiskalns
Val Zalaiskalns

Special Thanks!
Facebook Fundraiser Contributors

Bonnie Altman
Jody Brady
Sara Brink
Herb Broda
Debbie A. Range Casto
Matt Courtman
Mark Dilley
Carrie Elvey
Graciela Estill
Karli Fahmni
Fran Figurella
Jennifer Franta
Kathy Hagarman
Mary H. Hansen
Abby Hart
Elizabeth Marrero
Michelle Moser Mulroy
Rita Schwartz Palaski
Bob Scott Placier
Lynda Price
Robert Ringle
Barbara Vitcosky
Bethany Ward
**Wilderness Sprouts: Wonderful Wildlife**  
**Tuesday, September 3, 11:00 – 12:00**  
Let's learn about the difference between tame and wild animals from tiny bugs to furry deer. We'll use our imaginations to act like wild critters. The trails hide clues to many wild animals, so we'll go searching for clues on a short hike. Wilderness Sprouts' programs are appropriate for children ages 2-5 and their adult.

**Nature Musik: Bugs and Birds**  
**Friday, September 13, 10:00 – 10:45**  
**Tuesday, September 24, 10:00 – 10:45**  
This class is designed for children ages 2-4 with an adult partner. We practice basic rhythm and tonal skills while singing and moving about seasonal things happening in nature as well as learning some of the natural history of our area. Be prepared to be interactive with your child and learn something new.

**Story Time: My Five Senses**  
**Wednesday, September 18, 11:00 – 12:00**  
Name your five senses, hear stories about them, and sing senses songs. We'll go on a short hike to see, hear, smell and touch interesting natural items. Story Time programs are appropriate for children ages 2-5.

**Nature Musik: Fall is Here**  
**Friday, October 4, 10:00 – 10:45**  
**Thursday, October 24, 10:00 – 10:45**  
This class is designed for children ages 2-4 with an adult partner. We practice basic rhythm and tonal skills while singing and moving about seasonal things happening in nature as well as learning some of the natural history of our area. Be prepared to be interactive with your child and learn something new.

**Story Time: Me and the Trees**  
**Tuesday, October 8, 11:00 – 12:00**  
Tree stories, tree games, tree fingerplays and a hike under the beautiful autumn trees at TWC. Autumn is special for all ages, so join us for preschool fun. Story Time programs are appropriate for children ages 2-5.

**Wilderness Sprouts: The Leaves and Me**  
**Wednesday, October 16, 11:00 – 12:00**  
Let's go on a leaf hike! Trees don't need their leaves anymore so we'll use them for songs, action poems and art projects while we enjoy the colors of fall.

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**Bug Day!**

**Sept. 14**

**11:00 – 3:00**

*All programs are free for members, with a donation requested for non-members, unless otherwise indicated.*
Snake Search

*Sunday, September 1, 2:00 – 3:00*
Learn about the common snakes of Ohio on a short walk to look for them! We will hike in brushy fields, so wear sturdy shoes and long pants. After the hike, meet the resident teaching snakes of TWC.

Star Watch

*Friday, September 6, 8:00 pm*
The Wilderness Center Astronomy Club members invite you to a star watch. If it is clear, you can observe celestial objects through different types of telescopes and learn interesting facts about those objects. Cloudy or clear, a planetarium theater show and a constellation program about the night sky will be presented. This evening’s planetarium theater show will be *The Great Planet Adventures*. Refer to September 7 for show description.

Planetarium Theater Show: *The Great Planet Adventures*

*Saturday, September 7, 12:30 and 2:00 show times*
What would it be like living and working on other planets of the solar system? With muscles and bones made on Earth, you’ll be a superstar on the solar system’s low-gravity worlds. Image zip lining on scorched Mercury, snowmobiling during Pluto’s winter, bungee jumping off an asteroid, rappelling into the deepest canyon in the solar system or gliding over the methane lakes of Titan. These are only a few of the off-world adventures we’ll experience. A “Tonight’s Sky” program showing seasonal constellations and planets currently in the night sky will follow the show.

*Cost: Free for members, $2.00 donation per person for non-members.*

Monarch Watch

*Tuesday, September 10, 2:00 – 3:00*
*Thursday, September 12, 11:00 – 12:00*
*Saturday, September 14, 1:30 – 2:30*
Help the Monarchs by helping to collect data for Monarch Watch’s citizen-science program. Children and adults will help catch the Monarchs using nets, and our Naturalist will place the tags on the butterflies. Cancelled if raining.

**Bug Day**

*Saturday, September 14, 11:00 – 3:00*
Bugs are everywhere and so interesting!! Check out the OARDC Bug Zoo to see (and touch?) giant millipedes, walking sticks and other amazing creatures. Go outside and catch bugs with a TWC guide. Make critter catchers and other buggy crafts. All programs are free and ongoing from 11:00 - 3:00.

Wilderness Walk

*Sunday, September 15, 2:00 – 3:00*
Learn the natural history of the area and season. Spend an afternoon on a walk around one of the trails with a TWC guide!

Homeschool Thursday: *Insect Mania*

*Thursday, September 19*
*Grades K-2: 10:00 – 11:30*
*Grades 3-6: 12:00 – 1:30*
Insects are such an important part of our world! Though some might seem creepy or crawly, they are each a bit more special once you’ve learned about them. In this class we’ll spend time looking at insects inside and then heading outside to see what we can find.

*Cost: Free for members, $4.00 per child for non-members. Adults are free. Registration not required, but preferred.*

Woodcarving Show

*Saturday, September 21, 10:00 – 5:00*
*Sunday, September 22, 1:00 – 4:00*
This annual show will feature carving exhibits, demonstrations, People’s Choice award, raffle, and door prizes. Vote for your favorites, have a slice of pie, watch folks carving, and even learn to carve for yourself by attending one of the demonstrations.
All programs are free for members, with a donation requested from non-members, unless otherwise indicated.
## October

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<td>Wilderness Walk 2:00</td>
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*All programs are free for members, with a donation requested for non-members, unless otherwise indicated.*
Planetarium Theater Show: *Larry Cat in Space*
Saturday, September 21, 12:30 and 2:00 show times
Join us for a playful, imaginative cartoon presentation about an inquisitive cat named Larry who takes a trip to the moon. Adults and children alike will be charmed by Larry’s adventurous nature, and you’ll learn something about the moon, too. A “Tonight’s Sky” program showing seasonal constellations and planets currently in the night sky will follow the show.
Cost: Free for members, $2.00 donation per person for non-members.

Playscape Playdate: The Marvelous Mud Kitchen
Saturday, September 28, 2:00 – 4:00
Take advantage of the summer’s last wildflowers to bake and decorate delectable cupcakes, pies, cakes, tarts and desserts with floral or pebble garnishes. Your imaginary taste buds await. Join the activities anytime between 2:00 and 4:00.

Star Watch
*Friday, October 4, 8:00 pm*
The Wilderness Center Astronomy Club members invite you to a star watch. If it is clear, you can observe celestial objects through different types of telescopes and learn interesting facts about those objects. Cloudy or clear, a planetarium theater show and a constellation program about the night sky will be presented. This evening’s planetarium theater show will be *Moons: Worlds of Mystery.* Refer to October 5 for show description.

**Planetarium Theater Show: Moons: Worlds of Mystery**
*Saturday, October 5, 12:30, 2:00, 7:00 pm and 8:00 pm show times*
Saturday is International Observe the Moon Night! Celebrate it with a planetarium theater show and observing. The show begins by exploring our own Moon then turns to the incredible diversity of moons around Jupiter and Saturn and the possibility that some of these moons may support extraterrestrial life. Our exploration takes us to the outer solar system, with the discovery of moons orbiting asteroids and Kuiper Belt objects like Pluto. We are introduced to the great diversity of worlds both large and small that orbit the Sun. “Tonight’s Sky” program showing seasonal constellations and planets currently in the night sky will follow the show.
Cost: Free for members, $2.00 donation per person for non-members.

Environment Investigators: Spider Safari
*Saturday, October 5, 2:00 – 3:00*
Discover the exciting world of spiders! Learn about Ohio’s spiders and their different lifestyles, then go out and see how many you can find! Environment Investigators’ programs are for all ages of children working with adults.

Enchanted Forest
*Friday, October 11, 6:30 – 8:30*
*Saturday, October 12, 6:00 – 8:30*
For two nights each October, the trails surrounding The Wilderness Center are filled with the laughter and excitement of families discovering the nocturnal creatures of the Enchanted Forest. Children and their families walk along pumpkin-lit trails to meet friendly-costumed creatures who sing songs, tell jokes and share stories of life in the nighttime woodlands. Refreshments are served in the Interpretive Building after the walk, and children and adults are encouraged to wear costumes.
Cost: $6 for members / $8 for non-members. Children age 3 and younger are free.

Star Watch and Planetarium Shows after Enchanted Forest
*Friday, October 11, 7:00 – 9:00*
*Saturday, October 12, 6:30 – 8:30*
If it is clear, The Astronomy Club will have the Observatory roof rolled back and offer visitors a chance to view stars and other celestial objects through the telescopes. If it is clear or cloudy, we will present planetarium shows so that you can learn star names, constellations stories and the planets in tonight’s sky. Show times on Friday night are 8:00, 8:30 and 9:00. Show times on Saturday are 7:30, 8:00 and 8:30.
All programs are free for members, with a donation requested for non-members, unless otherwise indicated.

**Sept | Oct 2019  11**

**Remember our feathered friends this winter!**

**Birdseed Sale**

**Birdseed orders are due by Oct. 19th!**

Look for enclosed order form, or visit wildernesscenter.org. Pick up seed orders on Nov. 1, 2 and 3.

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**Homeschool Thursday: Fantastic Forests**
*Thursday, October 17*
**Grades K-2: 10:00 – 11:30**
**Grades 3-6: 12:00 – 1:30**

Foods are rich with life and full of mystery! After learning about the parts of a forest, we'll hit the trail, make our very own vertical maps of the forest at TWC and learn why each part is so special.  
Cost: Free for members, $4.00 per child for non-members. Adults are free. Registration not required, but preferred.

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**Tonight's Sky Planetarium Show**
*Saturday, October 19, 12:30 and 2:00 show times*

Discover your way around the night sky! The instructor will follow from one constellation to another to help you learn how to navigate amongst the stars. You will learn star names, constellation stories and the planets in tonight’s sky.

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**Wilderness Walk**
*Sunday, October 20, 2:00 – 3:00*

Learn the natural history of the area and season. Spend an afternoon on a walk around one of the trails with a TWC guide!

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**Playscape Playdate: Twosome Tree Hike**
*Saturday, October 26, 2:00 – 4:00*

Bring a friend or family member and help each other on a rope hike between the trees in the Playscape area. Maneuver your partner around or among but never beyond the trees. Join the activities anytime during the two-hour time period.

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**Beginner Woodcarver Class**
*October 26, 9:30 - 4:00*

TWC Woodcarvers will offer an informative one-day class on the fundamentals of the art of carving. No experience necessary.  
Cost: $15, Includes coffee, donuts, lunch and all materials. Tools will be provided. Register by Oct. 20. Class limited to 15.

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**Environment Investigators: “Creepy” Critters**
*Sunday, October 27, 2:00 – 3:00*

Come face to face with the animals we sometimes consider creepy! Distinguish truth from fiction, and gain a new appreciation for our creepiest wild critters! Environment Investigators’ programs are for all ages of children working with adults.

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**Plant Natives This Fall**

Fall is a great time to plant natives! The Native Plant Nursery will be open during TWC’s regular business hours through the end of September. Planting perennials in the fall is ideal for many reasons. Perennials use the fall to send their energy to the root systems instead of fresh leaf growth. Soil temperatures are warm and rainfall sufficient for roots to establish quickly. Plus you are familiar with the “holes” in your garden that need filled.

Need another good reason? All the plants are 30% off!! Stop by the Native Plant Nursery on your next visit!
**Foxfield Preserve Info Session**
*Sunday, September 8, 2:00 – 3:30*
Join us for an informative discussion of natural burial and a tour of the Foxfield Preserve. For more information visit foxfieldpreserve.org

**Nature Journal – Tracking Change**
*Friday, September 20, 1:00 – 3:00 at Barnes Preserve*
*Saturday, September 21, 10:00 – 12:00 at The Wilderness Center*
Fall – Learn to identify basic groups of insects and explore insect behavior. Nature journaling can be a wonderful way to connect with nature. The skills involved – slowing down, careful observation and questioning – serve to bring nature into sharper focus. This is the third of four, two-hour sessions.

**Backpackers and Dayhikers Club**
*Friday, September 20, 7:00 pm*
Hiking club member, Kim McCarthy, will present a program on Wyoming day hiking.

**Wild Edibles: Fall Mushrooms & More Identification Walk**
*Saturday, September 21, 10:00 – 12:00*
Enjoy a morning walk in the crisp, autumn air with chef and wild-food enthusiast, Don King. We will be scouting the trails and identifying edible nuts, berries, plants and mushrooms. In this day and age, when we are far removed from our food sources, foraging is an excellent way to reconnect with our environment and our ancestors who obtained their food directly from the earth. Wild foods add new richness to our palette by adding colors, textures and tastes that simply can’t be bought at a store.
Cost: Free for members, donation requested for non-members.

**Explore the Night Sky Series: Stars 101**
*Friday, September 6, 7:00 pm*
In this session we will concentrate on stars – how they work, what makes them different from each other, how we classify them and what about them is interesting to observe. We will talk about double and multiple star systems and about variable stars. This series of programs, by TWC Astronomy Club members, will be offered on the first Friday of the month until November. Each program is followed by The Astronomy Club’s Star Watch at 8:00 which includes a planetarium theater show and observing when clear. This program is also appropriate for interested youth (middle school age and above).
Cost: $5.00 per program / five series programs for $20.00. Series tickets are transferable to any of the 10 programs.

**Photography Seminar**
*Saturday, September 7, 9:30 – 3:30*
Learn to use your DSLR or Mirrorless camera. The Ashland Photography Club and The Wilderness Center Nature Photography Club are combining their resources and talent to present a seminar designed to teach some of the basics of photography and composition. The seminar will include classroom style presentations covering camera setup and creative techniques for taking better images. There will be opportunities for participants to interact with the instructors and members with a good working knowledge of photography in order to get help with camera settings and other questions. There will also be time to explore The Wilderness Center grounds and practice what you have learned.
Cost: Registration required. Call 419-651-4514. $5.00 for Ashland or TWC Photography club members and $10.00 for nonmembers. After September 4: $15.00 for club members and $20.00 for nonmembers. Note: We will have a lunch break, however lunch will not be provided.

**TWC Readers**
*Saturday, September 7, 2:00 – 3:30*
*The Promise of the Grand Canyon: John Wesley Powell's Perilous Journey and His Vision for the American West* by John Ross. Powell is most famous for the first Euro-American descent of the Colorado River. He is not as well known for his far-sighted, controversial proposals for land and water use in the arid West.
Exploring the Moon
Friday, September 27, 7:30 pm
Join the Astronomy Club as we observe the 50th anniversary of the Apollo missions. Let's take some time to examine what we learned about the Moon and the solar system through our manned exploration. We'll look at the preparations for lunar exploration, review the 6 lunar missions, and wrap up with the major science take-a-ways from Apollo - both what we learned about the moon and about the formation of the solar system.

Nature Photography Club Calendar Entries
Saturday, September 28, 9:30 – 11:00
At this meeting, club members will choose images for the 2020 calendar from photos that have been submitted in advance. See our website to see how club members can submit images for consideration.

Explore the Night Sky Series: Night Sky Imaging 101
Friday, October 4, 7:00 pm
Taking pictures of the night sky has never been easier or less expensive (no film, no darkroom…) We will introduce you to several kinds of photography from the simple stuff you can do with your camera phone or DSLR to more sophisticated photography through a telescope. The session is followed by The Astronomy Club's Star Watch at 8:00 which includes a planetarium theater show and observing when clear. This program is also appropriate for interested youth (middle school age and above).
Cost: $5.00 per program / five series programs for $20.00. Series tickets are transferable to any of the 10 programs.

Backpackers and Dayhikers Club: Nature Myths and Superstitions
Friday, October 18, 7:00 pm
There are many stories, urban legends, myths and superstitions about our natural word, especially animals. Do earwigs lay eggs in people's ears? Is the Daddy Long Leg the most venomous spider? Can Wooly Bear caterpillars predict the severity of winter? Learn the facts, and as you do, you will learn some very cool scientific discoveries about these animals too!

Foxfield Preserve Info Session
Saturday, October 19, 2:00 – 3:30
Join us for an informative discussion of natural burial and a tour of the Foxfield Preserve. For more information visit foxfieldpreserve.org

Stellarium
Friday, October 25, 7:30 pm
Stellarium is a free to download software program that allows people to use their home computers to depict the sky for a location at a specific time. The program calculates the positions of stars, planets and even artificial satellites. Stellarium can be used to demonstrate the motions of objects that inhabit the sky above. Brian Gray will demonstrate some of the more commonly used features of Stellarium and how it can be used to help plan observing sessions or be used for educational purposes.

Nature Photography Club: Wildflowers of the Rocky Mountains
Saturday, October 26, 9:30 – 11:00
Our speaker, Erin Stiffler, will share a unique perspective on the native wildflowers of the Rocky Mountains, utilizing macro photography to highlight the fine details of flowers while allowing backdrops to blur into dreamy, vast mountain vistas. It will also provide a look into the adventures that led to the creative processes of a young artist and entrepreneur. A short business meeting will include the election of officers for 2020.
Tree of Life

In memory of Betty Allen
Mickey Frank & Family
In memory of Judith M. (Blair) Allender
Shirley Marmie-McCance
In memory of James Anderson
Michael & Deb Biss
In memory of Eleanor D’Amico Andres
Cathy, Tom, Phil, & Therese Granchi
In memory of Stefanie Risher
Ian & Ali Bowe
In memory of James Barbera
Joanne & Clyde Caiazzo
In memory of Larry Barnes
Larry & Carol Gerzina
In memory of Daniel Hubert Bearss
Ivan & Flo Vinkovich
In memory of Daniel Berg
Beloved Brother-in-Law
Mr. & Mrs. Martin Szekeres
In memory of Howard E. Bowen Jr.
Mr. Calvin L. Simpson
In memory of Brody
Gracie & Sophie Barker
In memory of Dale Brown
Ed & Anita DeHoff
In memory of John ‘Jack’ Bucher
David Gourley
In memory of Celebrated Honorees
A Living Tribute
In memory of Ann M. Christian
Larry & Tootie Million
In memory of Carol Ann ‘Cook’ Colaner
Ted & Kathy Lockmyer
In memory of Carol Colaner
Ed & Nancy Hare
In celebration of the 60th Wedding Anniversary of George & Dorothy Corman
Gary & Kristi Liknes
In memory of Peter: Father, Father-in-law, Grandfather - passed away 7-6-19
Tom & Leah Castellaneta
In loving memory Catherine ‘Ma’ Cowling. Her kindness, hospitality and encouragement will never be forgotten. God bless her soul.
Doug Babb
In memory of David Braxton Craven
Jim & Sara Craven
In memory of Helen E. Davis 1924-2018
Martha & Bob Mertz
In memory of Melissa Dehlinger
Frances Stermer & Ken Snyder
In honor of Friends Sharon & Bill Dubb on their 50th Wedding Anniversary
Kitty Johnson
In memory of Jean Dobies
Nick & Mary Ann Santarelli
In celebration of the 50th wedding anniversary of Lee & Alan Dolan
Linda Zaleski & Mark Engle
Ken & Gail Wilmot
In memory of Michael Duda
Gina Bettie
In memory of Noah Elhardt
A Living Tribute
In memory of James L. Feeney, MD.
Jim Harkey
In memory of Joseph Fete
Jennifer Twiddy & Dru Pachmayer
In memory of Frank Finlon
The Buffo Family
In memory of Jack Fisher
Deanna, Miranda, Cheri & Deb
In memory of Lawrence Frey
Joanne Bases (Edward Jones)
In memory of Patricia Funderburk
Ed & Nancy Hare
In memory of Odell Gainey
Mary & Ray Bongini
In memory of John L. George
Ben & Carolyn Evans
In memory of Emma & Robert Gerstacker
Jesse & Rachel Rothacher
In memory of USAF (Ret.) Colonel Anthony W. ‘Bud’ Gerzina
Larry & Carol Gerzina
In memory of Dr. Gene Gilbert
Bethany Nursing Home
In memory of Susan Glennon
Ken & Edie Parsons
In memory of Carl W. Goodin
Don & Deborah Amiet
Meritor
Patricia & Robert Shemenski
In memory of Joe Goodwin
Matt, Lia, Cohen & Elle VonKaenel
In memory of Virginia Gorski
Bethany Nursing Home

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Passed away - May 23, 2019  
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In memory of Marilyn K. Hartline  
Passed away June 11, 2019  
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Daniele David Gourley
In memory of Ron Hoyt  
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In memory of Irma Jackson  
Bethany Nursing Home
In memory of Evelyn Jacob  
Evelyn Hewett
In memory of Gary Lee Jarrell  
Steven & Barb Hostetler
In honor of John Johnson  
on his 80th birthday  
Barbara Barchy
In memory of  
M. Colleen ‘Cookie’ Kempf  
Celeste Bates, Tina Cogan &  
Marlene Chupko
In memory of Ethyl Kiss  
Ruth Robinson
In memory of Barney Kistner  
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She loved trees & people  
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Gust Callas
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John Muhlbach
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Your loving classmates, Linda,  
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Crid, Violet, Julie Stantz &  
Stacey Tillapaw
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In memory of Lucille Scanlon  
Ben & Carolyn Evans
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Joey Senger 1987 - 1993  
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A good man & great friend  
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In memory of Robert Mark  
Sheppard  
Karen & Rick Knight
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Ellen Jacobs
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In celebration of The 90th Birthday  
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06/15/1929 - 06/15/2019  
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