

TRAILBLAZER

**WINTER
2017-18**



*Supporting Oregon Ridge Park
and Nature Center for 35 years*

WHAT'S INSIDE

Holiday and Special Events

Nature Book Club Takes Off

Speaker Dr. Peter Groffman
"Long-Term Ecological
Research at Oregon Ridge
Park"

Council Gears Up for Trail
Revitalization Campaign

Trail Guide & Master
Naturalist Courses Begin

Volunteer Opportunities

Volunteer Recognition

Ways to Help Wildlife
Survive Winter

Pipeline and Logging
Update

Coming Soon: Maple
Sugar Season and Pancake
Breakfast

Honey Harvest 2017 Review
and Photo Gallery



UNDERSTANDING VULTURES

By Justine Schaeffer

Director/Senior Naturalist ORNC

What bird is mostly black and bald-headed, soars on warm air currents, and has a hooked beak, long wings, and excellent eyesight? Many of us would guess a bald eagle, and we would be...*wrong*. The correct answer is the black or the turkey vulture, birds often misunderstood and repulsive to some, but that provide a vital ecosystem function and possess some very specialized adaptations.

When I was a new naturalist, I was asked to lead a bird walk one Saturday morning, a task that filled me with great anxiety. I knew my birding skills were limited compared to the expert birders from whom I was learning. As I recall, we found a variety of interesting, but ordinary birds. However, one species became the highlight of the walk. A pair of very excited, new birders recognized their first soaring turkey vultures! Birding enthusiasm and excitement is highly contagious, and we all learned a lesson in appreciation for even the commonplace things in nature that day. Let's take a look at these two birds, which are fairly common, yet very important in Maryland.

(Continued Page 9)



HOLIDAY AND WINTER SPECIAL EVENTS

HOLIDAY HOUSES AND TWEETY TREATS

DECEMBER 16 and 17, FROM 1 - 3 PM

\$6 OR \$4/MEMBERS

FOR AGES 5+

Bring the Family to Create a Candy-Coated
Graham Cracker Masterpiece.

Then Make Some Yummy Outdoor Treats
for the Birds!

CLUBS FOR KIDS FROM 3 TO 14

Shoots & Letters - Bookworm Story Time -

Woolly Bear Club - Homeschool Nature Days

Check out the Winter Calendar

BASKET MAKING WORKSHOP

FEBRUARY 3, 9 AM TO 3 PM

\$40 OR \$30/MEMBERS; FOR ADULTS

WAKE UP THE GROUNDHOG

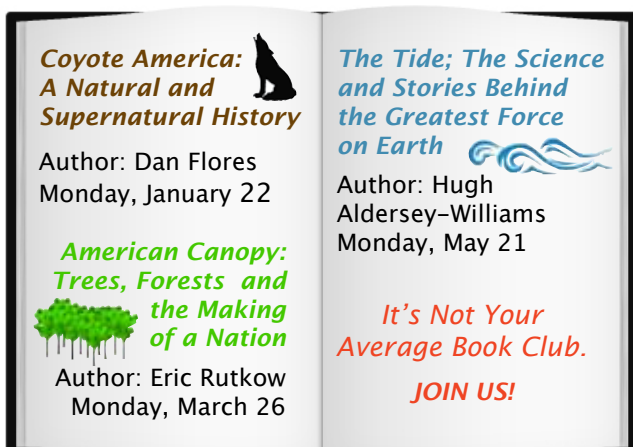
SUNDAY FEBRUARY 4, 1 TO 3 PM

\$3 OR \$2/MEMBERS, AGE 5+



NATURE BOOK CLUB

Book by book, the Oregon Ridge Nature Book Club is gaining momentum, with three excellent books on the schedule for winter and spring. Each session starts at 7 PM and begins with light refreshments.



HOLIDAY CLOSINGS

December 25
January 1 and 15
February 19

December 24 and 31 open modified hours
from 9 AM to 1 PM

WINTER HOURS (November - February)

Gates to the Nature Center/Parking Lot
will be open from 8 AM to 5 PM

Vehicles parked in lot after 5 PM
will be LOCKED in!

OREGON RIDGE NATURE CENTER COUNCIL IN ACTION

OREGON RIDGE NATURE CENTER COUNCIL SPEAKER SERIES

LONG-TERM ECOLOGICAL RESEARCH IN OREGON RIDGE PARK

By Dr. Peter M. Groffman, Cary Institute of Ecosystem Study
January 15, 7:30 PM, ORNC Auditorium

For ten years, the streams, forests and soil at Oregon Ridge Park have been an essential component in a groundbreaking ecology project titled *The Baltimore Ecosystem Study*, which investigates the ecological, cultural, and economic forces that shape the environmental quality of urbanized areas like Baltimore County and City. Oregon Ridge Park provides a “reference” condition for the urban, suburban and exurban components of the region. Dr. Peter M. Groffman is one of the lead scientists for the project and will review what’s been learned about the park’s ecosystems and explain what their findings reveal about the ecology of the world.

Dr. Groffman joined the City University of New York’s (CUNY) Advanced Science Research Center’s Environmental Sciences Initiative in November 2015. A UVA graduate with a PhD from the University of Georgia, Groffman previously held the position of Senior Scientist at the Cary Institute of Ecosystem Studies. His research focuses on terrestrial biogeochemistry with a focus on nitrogen dynamics, especially gases. He has authored 300 publications, with more than 85 as primary author. Dr. Groffman is also a professor in Brooklyn College’s Department of Earth and Environmental Sciences.



ORNCC FOCUSES ON TRAIL RENOVATION

The Oregon Ridge Nature Center Council held a special meeting this fall to set goals we wish to achieve over the next four to five years. We went through this exercise four years ago and accomplished two major goals: the new Kidd’s Pavilion and a renovated multi-purpose space in the library. The most ambitious goal set at our 2017 meeting is to begin a campaign to revitalize the trail system throughout the Park. This could be our most challenging goal in the 35 years we have been supporting the Nature Center and Park, perhaps equalling the Council’s role in spearheading the campaign to purchase the 193-acre Merryman property in 1989.

It is apparent to those who hike our trails that many are in deplorable

condition, some akin to riverbeds. Past efforts have resulted in temporary fixes that were quickly undermined by the insidious effects of water runoff. We wisely decided it is time to consult trail specialists. We want to do the job right and in a way that will result in low maintenance trails that will sustain far into the future. If we can accomplish this goal, we will leave a lasting legacy for future generations to enjoy. After all, the 1043 acre forest at Oregon Ridge is unique in Baltimore County, for it’s acreage and special benefits to wildlife and humans alike. A safe, well maintained trail system is essential for the future of the Park.

We are now in the early planning phase. We need to create a name for our campaign, consult with a number

of experts, decide on the best way to implement our plan, and of course, develop effective fundraising options. As part of fundraising, we hope to encourage individuals, families and organizations to help by adopting trail segments. You, our members, will be informed of our progress in upcoming issues of the *Trailblazer*. We envision this to be at least a five-year project. If you have special skills or knowledge that you feel would help us in this grand endeavor, please contact Pat Ghinger through the ORNC office.



VOLUNTEERS LEARN AND CONTRIBUTE AT ORNC

TRAIL GUIDES LEAD THE WAY

**Spring Training: February 2 to 9,
10 AM – 1 PM**

**TOPICS: Maple Sugaring, Creek to Stream
to Bay, Insects and their Kin, a Park
Overview**

Do you enjoy nature and sharing your love of nature with young people? If so, consider joining Oregon Ridge's Trail Guides. This group of volunteers is essential to the success of Oregon Ridge's school field trips. Trail Guides lead small groups of elementary students on explorations throughout the forest, meadows, and streams, in search of the animals, plants, and insects that inhabit Oregon Ridge.

Spring Trail Guide Training runs from 2/6 to 2/9, from 10 AM to 1 PM at the Nature Center. Each day we will learn about different nature topics related to the needs of students participating in school field trips. No experience is needed, only a willingness to learn and inspire others! There is a \$20 fee for first-time attendees. An ORNC T-shirt is given to all volunteers who complete 40 hours of service in a calendar year. Advanced registration is required, so please call 410-887-1815.

MORE WAYS TO VOLUNTEER

The Council is seeking a chairperson for the ***Exhibit Committee***. The chair coordinates a team of volunteers in planning and implementing new exhibits in the park and center. Other open board positions are the Grounds Committee and the Publicity Committee.

Learn to tap trees and make maple syrup. Volunteers are needed to help with hikes and other activities during Maple Syrup Season, which begins February 17. Training takes place January 27, from 10 AM to 1 PM. We also need volunteers for our Pancake Breakfast on March 3 and 4.

Volunteer opportunities appear regularly on our Volunteer Calendar: <https://www.oregonridgenaturecenter.org/volntr.html>

If interested in any of these opportunities, please call the Nature Center 410-887-1815.



MARYLAND MASTER NATURALIST COURSE

**Mondays, March 19 to May 21
9 AM to 3:30 PM**

Take your love of nature to the "Master" level. Master Naturalist volunteers complete a 60-hour, hands-on course with expert instructors and fellow learners, studying natural history, environmental interpretation, and conservation stewardship. After completing the course and 40 hours of volunteer service at Oregon Ridge Nature Center, one becomes certified, earning the title of *Maryland Master Naturalist*.

Master Naturalists are a valuable asset to Oregon Ridge and other Nature facilities. Their expertise, life experience, and hours of volunteer work have resulted in innovative programs, exhibits, gardens, and other contributions that exceed what the staff of the various nature centers can provide alone.

Oregon Ridge Nature Center is a host site for the Piedmont region. The fee for the program is \$250. Applications are now being accepted. To apply, stop in the Nature Center for an application, or visit our website for an application: <http://oregonridgenaturecenter.org/volntr.html>.

To learn more about the Maryland Master Naturalist Program, visit: <http://extension.umd.edu/masternaturalist/become-master-naturalist/training-courses-piedmont-region>.

If you have more questions, please contact Justine or Jessica at ORNC 410-887-1815.

LILLIAN ENDERSON: A Ridge Runner Who Knows About Reptiles and Amphibians



Lillian (Lilly) Enderson's love for spending time at Oregon Ridge led her to become a member of our teen Ridge Runner program. She feels it is a good way to "give back to the park I love so much."

Lilly is having a great experience here at Oregon Ridge and would recommend the Ridge Runner program to her friends as an "awesome way to help the community." Her favorite *Ridge* jobs are feeding the animals and checking the chicken coop for eggs. Once during summer camp, she was in the chicken coop when a mouse darted out, causing the chickens to give comic chase before finally catching and eating it. Lilly was worried that the campers would be scared by it, but she said they were mostly intrigued by the whole episode.

When asked about her favorite animal, she had to think a bit before deciding. "I love them all; however, I have to say the Black Rat Snake. She is adorable and very friendly. Black rat snakes are also a fascinating species." In fact, one of Lilly's hobbies is keeping reptiles and amphibians as pets. She raised from tadpoles two gray tree frogs named Grace Hopper and Toad Howard. She has a salamander larva named Cthulhu and a spotted salamander named Tiberius. She also has three goldfish, a garden orb weaver named Kevin, and two leopard Geckos named Paarthurax and Alduin. Lilly's other hobby is working with small robotics projects using a microcontroller.

Lilly is a 10th grader at Towson High School, where she has a 3.5 GPA. Science is her favorite subject. She spends part of her free time exploring the woods in search of amphibians. She also enjoys reading about wildlife and technology. She recently read *I, Robot* by Isaac Asimov and *Call of Cthulhu* by H. P. Lovecraft. When asked if she has developed any special talents, she answered, "I have learned to defend myself from geese." She's funny, too.

Lilly says, "The best thing about being a Ridge Runner is all of the experience and friends I have gained from it." If you are, or know of, a teen age 13 to 17 who enjoys nature, think about our team of Ridge Runners. It's a fun way to volunteer.

MAPLE SUGAR SEASON 2018 IS FAST APPROACHING

MAPLE SUGAR WEEKENDS

February 17, 18, 24, and 25

11 AM to 4 PM

Oregon Ridge Nature Center

Syrup and candy will be available to buy.

Sugar on the Snow demos at
12:30 and 3:45 PM each day



ANNUAL PANCAKE BREAKFAST

March 3 and 4 at the Lodge

8 AM to Noon

\$8 adults and \$4 children ages 2-8

Syrup and candy will be available to buy.

VOLUNTEERS ARE NEEDED DURING MAPLE SUGAR WEEKENDS AND THE PANCAKE BREAKFAST.

INTERNS AND SCOUTS DO GREAT WORKS



TYLER HOSTER INTERNS AT ORNC

We are lucky to have Tyler Hoster, a conscientious environmental technology student at Western Tech, earning his senior high school internship here at Oregon Ridge. Tyler helps care for the animals and works with us on various projects in the park. He has been a great asset, and we look forward to working with Tyler for the rest of the school year.

Tyler hopes this internship will be a beneficial way to build his resume and earn real world experience. He enjoys the opportunity to learn through new experiences and cultivate new friends.

Tyler plans to continue his education at CCBC. After earning his Associates degree, he plans to transfer to a four-year college and major in a field related to the environment, using the knowledge acquired during his ORNC internship and in his high school environmental magnet program to guide him on his career path.

In his free time, Tyler enjoys listening to and learning about music, experimental cooking, spending time with his dogs, and, of course, playing video games.

GIRL SCOUT EMILY THOMAS EARNS HER SILVER AWARD AT ORNC

Emily Thomas, Girl Scout Troop 2680, worked diligently to complete her Silver Award project: the addition of three accessible raised-bed gardens in the Children's Nature Play Space. Emily's project enhances the area in many ways; but most importantly, the beds provide a new, engaging opportunity for everyone, especially for people with disabilities who now have easier access to enjoy gardening in the park. Additionally, the naturalists can develop specific programs that utilize the new gardens.

The gardens were inspired by three themes – Pizza Garden, Fairy Garden, Rainbow Garden. They provide a new dimension of imagination for children using our nature play space with their families.

We appreciate Emily completing her project in our park and look forward to the benefits that her project will bring for years to come. Be sure to stop by and see the new raised beds this spring, when new plants will be added!



THINKING ABOUT STEWARDSHIP OF OUR ENVIRONMENT

FOREST OF HOPE

If you hiked in the Park this fall, you may have come across something unusual – Painted Trees. If you stayed in the area a while, you probably learned that these trees were painted as part of a project sponsored by the Nikki Perlow Foundation to bring attention to the problem of addiction among our young people. The trees were painted by those who have recovered and the paintings represent their journey and are meant to offer hope to others who are struggling with addiction.

While the ORNC Council supports the goals of the Nikki Perlow Foundation and understands the sentiment behind the Forest of Hope, we do not condone painting living organisms. Our mission is to instill in visitors the ethic of leaving nature as you find it. If the Council had been consulted about this project, we would have been supportive and worked with the Foundation to find an alternative way to establish the Forest of Hope that did not involve the actual painting of living trees.

If you are hiking through the Park with your children and wish to take the opportunity the Forest of Hope creates to discuss addiction and hope for recovery, we hope you will also take the opportunity to tell them that natural things are best left in their natural state for the health of the environment and out of respect for all living things.

WAYS TO HELP WILDLIFE SURVIVE WINTER

As humans, we often think of ourselves as the top tier of intelligent life. With this status comes responsibility, and many of us take this responsibility seriously enough to consider ourselves stewards of the environment. Stewardship creates purpose and accountability for the health of the planet. Often this has meant that we try to “manage” the environment to suit our needs or to achieve something that we feel is positive or good. However, sometimes what actually occurs is that our “management” efforts go astray or make matters worse.

Sometimes it feels like being a good steward is a lofty, challenging and often daunting goal that is beyond reach. But there are small things you can do to be a good steward of the environment in your own yard, especially during the winter.

In wintertime, it is best to do less when it comes to fall leaves. As the colorful leaves cascade from trees, covering our lawns, landscaped beds, and gardens, we feel the rush to manage the debris. We rake, shred, or blow them away to protect our grass and wintering plants. But, actually we are doing more harm than good. Living among the leaves are overwintering cocoons and chrysalises of butterflies and moths, insect larvae, and frogs and other critters seeking shelter and warmth under the leaves.

If you feel you must clear your lawn of leaves, do not shred them. Bag them and spread them in a wooded or forested area. Create a brush pile of sticks and leaves somewhere in your yard for birds and other animals to use for shelter.

Master gardeners now believe that it is healthy for gardens and landscaped beds to be covered in whole leaves during the winter. They provide warmth, moisture and protection to wintering plants, as well as to worms that are vital to healthy soil. Gardeners also say to leave dead flowers and plants in the garden over the winter. Leaving undisturbed wild areas in the garden also protects overwintering butterfly/moth larvae and shelters birds and small animals. Perennial stems provide a home for a large variety of beneficial insects, such as beetles and wasps.

There are other small ways to help wildlife in winter. Provide fresh water daily. If you have a small pond, place a pot of hot water in it to ensure a small area of water remains unfrozen. Put out seeds for birds, including spreading seeds on the ground for ground feeders. Plant fruit bearing trees and shrubs and include as many native species as possible.

All of us are stewards of the small habitats we create in our yards. It's nice to know that by doing less, we are actually doing more to help wildlife.



OR PARK PIPELINE AND LOGGING UPDATES

by Jim Curtis

After a couple of years of logging and pipeline installation activity, we are finally nearing an end to this noisy, disruptive activity in Oregon Ridge Park. Gone are the chainsaws, bulldozers, logging equipment and pipeline equipment. There is still some ongoing restoration activity, but most of this activity is also nearing completion.

While many mature trees were sacrificed for the pipeline, the disturbed areas along the pipeline are now green.

Further, this fall we were pleased to see that trees were planted on a portion of the widened pipeline. Also, the silt fences and sediment traps have been removed from the pipeline area, and as of early November, most of the staging areas along Shawan road have been seeded and mulched.

Final restoration work in the staging areas will be completed in the spring when the areas are seeded with native meadow grasses and wildflowers. In the areas logged over the last two years, we see many new seedlings shooting up, but also many invasive plants. Tulip poplars are the most dominant seedlings, and Japanese stilt grass is the dominant invasive plant. The most recently logged areas are showing little growth in the understory. Time will tell how the forest recovers.



Newly planted oak trees along the widened pipeline



Logged area showing tulip poplar seedlings and stilt grass



Trees planted along pipeline



Shawan Road staging area



Dense growth of Tulip Poplar seedlings



Western portion of Shawan Road staging area

TRAILBLAZER STAFF

Editor/Design/Layout: Mary Jane Shanks

CONTRIBUTORS TO THIS ISSUE

Writers: Nancy Berger, Jim Curtis, Jessica Jeannetta, Justine Schaeffer, Mary Jane Shanks

Photographers: Jim Curtis, Karen Jackson, ORNC staff

OREGON RIDGE NATURE CENTER, 13555 Beaver Dam Road, Cockeysville 21030. 410-887-1815
info@OregonRidgeNatureCenter.org; www.OregonRidgeNatureCenter.org

Articles/graphics for Spring issue due 1/5/18.



Vultures are scavengers; they eat dead animals. In fact, in North America, vultures are the primary avian consumer of carrion. Scavengers are critical to recycling nutrients bound up in dead animals and making them available for living plants and animals. From a hygiene perspective, scavengers greatly reduce diseases that are associated with rotting flesh. The Latin name of the turkey vulture, *Cathartes aura*, translates as golden purifier, in reference to the important cleansing function of vultures. The Cherokees called the turkey vulture “the peace eagle,” because it kills nothing to live, unlike other animals. In contrast, the more aggressive black vultures have been known to take live prey on occasion.

Vultures soar with grace and beauty. Their long, broad wings give them tremendous lift and allow them to soar effortlessly on warm, rising air currents for long periods of time, seldom flapping their wings. Contrary to a misconception perhaps born in old cowboy movies, kettles of circulating vultures are not waiting for something to die; they simply indicate warm air rising, and vultures (and other birds of prey) take advantage of the free ride to get a good vantage point.

Like hawks and eagles, vultures have excellent eyesight. While they soar, they are looking for their next meal, something that has already died, preferably recently. Unique among birds, the turkey vulture also has a very well-developed sense of smell. They typically soar at lower altitudes, closer to the treetops, than the black vultures that rely solely on vision. In forested areas, it is the turkey vulture that finds carrion that is hidden from view by following a scent. The black vultures, soaring higher and watching the turkey vultures, arrive second and behave more aggressively to lay claim to the meal.

Vultures are well-adapted for eating dead animals. They have a sharp,

hooked beak, like hawks and owls, for tearing meat. They lack feathers on their heads, neck and legs, which helps them stay clean after eating a gooey meal, and may also help with thermoregulation. Their digestive system contains special enzymes and highly acidic secretions, which kill bacteria found in rotting flesh that would make other animals ill.

Beware of approaching a vulture — there are several behaviors that demand some distance. Vultures defend themselves against predators by vomiting the foul-smelling contents of their stomach. This may also be a necessary weight reduction technique to make flight takeoff easier. In addition, vultures keep themselves cool in summer by excreting waste onto their legs. The highly acidic material also kills any bacteria lingering on the birds’ legs.

In addition to soaring on thermals and feasting on roadside fare, it is common to see vultures roosting communally outside of the breeding season. The often-large roosts are believed to be important in the social lives of the vultures, especially for the juveniles, and may serve as staging sites for foraging groups to assemble. The vultures are often seen in a stance with out-stretched wings, called the *horaltic pose*, thought to be a behavior associated with warming in the sun or drying wet feathers.

Both black and turkey vultures range from the tip of South America well into North America, and even southern Canada in the case of the turkey vulture. Black vultures have been expanding their range northward over the last several decades. Some birders speculate that the construction of north-south interstates, and the accompanying road kill, has aided this expansion, and climate global warming may also be a factor.

The black and turkey vultures in Maryland lay their eggs directly on the ground or in the attics of abandoned buildings, as well as caves, cliffs or

stumps. Many people new to Oregon Ridge may not know of the special nesting site for vultures, built here in the park around 2007. Up until then, black vultures returned year after year to nest and rear their young in the top floor of a decrepit building along the Miner’s Trail, originally built in the mid-19th century to house bachelor workers at the Oregon furnace and mines. The building was a safety hazard and the County removed it to prevent injury to park visitors, leaving the foundation still visible today. Recognizing the importance of the nesting site, the County built a new home for the nesting vultures — the “tree house” located at the edge of the meadow.

A family of turkey vultures used the tree house this summer, and on our August bird walk, we were able to witness the bald, redheaded parents with their gray-headed youngster. It was exciting, and I relearned that lesson from my first venture leading a birding hike — Never underestimate the power of the ordinary in nature. It’s all remarkable, even the vultures!

Vulture Culture

By Justine Schaeffer

I think that I shall ne’er encounter
A bird less valued than a turkey vulture,
With naked head and beady eyes,
Eating dead things all covered in flies.

Known for a most disgusting habit,
(When confronted, they projectile vomit!)
Creepy, ugly, scary, too,
Don’t think they make a good pet, do you?

Eagles and bluebirds we all can agree
Are majestic and beautiful, a joy to see.
But so are our vultures as they soar on
a thermal,
Their broad wings suspend them, a sure sight
to marvel.

And, too, without them, where would we be?
Up to our eyeballs in death and disease.
So, praise the vulture, all ye who care,
A bird of whose benefit we should all
be aware.



HONEY HARVEST 2017: A BEE-UTIFUL DAY



From A Bee's Perspective, by Nancy Berger:

With the help of a gentle breeze, I was able to fly over to Oregon Ridge Nature Center's 2017 Honey Harvest Festival in record time. I performed a quick waggle dance to imprint directions for my pals in the hive, so many later joined me for the fun festivities. Mother Nature blessed us with two pleasant, sunny days.

Pretty Maia Jaycox, this year's American Honey Queen, was there as our human representative. She travels all over the United States promoting honeybees, explaining how important we are. Every third forkful of food that humans consume is a result of our pollination. Maia is from Iowa and is an active beekeeper with ten hives. Believe it or not, Maia likes Italian queen bees. Bob Stanhope, ORNC's first Director/Naturalist, is also partial to Italian bees. He gave a honey extraction demo from his personal hives. Ciao!

As my pals and I buzzed around the festival, we had a bee's eye view of volunteers pressing apples for cider, making mead (honey wine), and serving homemade honey ice cream in the shade of the Kidd's Pavilion, an annual activity that children love. We zipped and flipped to music played by ORNC's own dulcimer band and another regular performer, *Will Play for Fish*. This year they were joined by two newcomers -- *The Mayo Family Band* and *Tool Shed*, a unique duo that used a

saw from their tool shed to make melodic, vibrating sounds and ghostly music. The 4th North Carolina Infantry Tar Heels sounded off, too, by firing their Civil War era rifles. We lit to rest for a while and watched Klaus Meyer-Bothing create delicate wooden butterflies that looked real enough to fly right out of his hands. Butterflies are important pollinators, too.

These were just a few highlights that over 2000 visitors enjoyed at this year's festival. We must thank ORNC's dedicated staff for planning the activities, especially Director/Naturalist Justine Schaeffer and CS1/Naturalist Jessica Jeannetta. Naturalist Pam Ward was in charge of exhibitors and crafts. Kathy Kadow handled administrative details like name tags, lunch tickets, and charge sales. The weekend staff did a fabulous job managing activities. A special thanks goes to Georgette Frederick for putting together a great team of 100 volunteers to run the show, and to Pat Ghingher for donning bee wings and antennae to greet each of our visitors. We bees love Oregon Ridge, and we can't wait for next year's Honey Harvest Festival.

The Staff and Council want to thank Nancy Berger, volunteer extraordinaire, for working as hard as any busy bee, taking care of every detail and generously giving her time and talents to make sure our Honey Harvest Festival had everything it needed.



Honey Harvest 2017 was a BEE BLAST Success! Why? **GREAT VOLUNTEERS!**

Alisa Anania
Jeanne Andrews
Gary Anderson
Irene Baker
Ken & Marsha Bartholomew
Niko Bennett
Sofia Bennett
Nancy Berger, Chair
Brian Brauer
Jim Curtis
Maureen D'Angelo
Angie Davis
Catherine Dresse
Lilly Enderson
Andrea Eveluis
Lucilla Facchin
Tom Farrell
Gemma Feild
Lisa Franck
Georgette Frederick
Susan Genovese
Jay & Pat Ghingher
Mark Gingerich
Sybil Hebb
Tyler Hoster
Lauren Imbrahim

Beth Keyser
Sue Leslie
Paula Mackey
Deborah Muse
Ed Neubauer
Cheryl Parrish
Alan Peczek
Piper Perez
Ava Possidente
Lucia Possidente
Maggie Possidente
Sadie Rozics
Andi Rudai
Magen Ruthke
Ned Renner
Claudia Rosati
Alex Schultz
Nancy Severns
Russ Schumann
Jacob Seese
Cindy Snyder
Bob Stanhope
Mary Jane Shanks
Mel Tillery
Paul Waldman

Mike Waltz
Meghan Ward
Steve Wilson
Thea Willett
Linda & Gene Williamson
Pat Yevic
Sara Yosua

**Students did a great job with
Parking, Face Painting, Crafts and
Puppet Shows:**

Dulaney High School Key Club
Hereford High School Key Club



Musicians

Oregon Ridge Dulcimer Group
Will Play for Fish
The Tool Shed
The Mayo Family Band

Demonstrators, Exhibitors and Vendors

Maia Jaycox—Honey Queen
The Phoenix Wildlife Center
Fourth Carolina Infantry
Ctrl. Maryland Beekeepers Assoc.
Westminster Astronomical Society
Homestead Forge
Carol and Dave Erhardt
Master Gardeners of Baltimore Co.
Klaus Meyer-Bothling
Greene's Lambs
Udderly Coconuts
Daughter's Choice Bows
Rockcress Glass Studio
The Glass Bee
Permie Kids
Antietam Dairy
Snyders Apiary
Bees by the Bay
McDaniel Honey Farm





Oregon Ridge Nature
Center Council
13555 Beaver Dam Road
Cockeysville, MD 21030

NON-PROFIT ORGANIZATION
U.S. POSTAGE
PAID
TIMONIUM, MD
PERMIT NO. 296



IT'S ALMOST MAPLE
SUGAR TIME!

DEPARTMENT OF
RECREATION AND PARKS



RENEW NOW AND SIGN UP A FRIEND, TOO!

Many branches make a strong tree. Many members make a strong Council. Use this membership form to renew and give a copy to a friend. **You can now join or renew online. Please visit:**

<http://OregonRidgeNatureCenter.org/membership.html>



Name _____

Email _____ Phone _____

Address _____ State _____ Zip _____

___ \$ 15 Individual
___ \$ 30 Family
___ \$ 75 Supporting

___ \$ 250 Sustaining
___ \$ 500 Lifetime
___ \$ Extra Donation



Checks payable to ORNC Council, Inc., 13555 Beaver Dam Rd., Cockeysville, MD 21030