



TRAILBLAZER

*Oregon Ridge Nature Center Council
Supporting Oregon Ridge Nature Center for 36 years*

WINTER 2018-19

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LET IT SNOW

By Director Jessica Jeannetta

Winter can be both peaceful and sinister. For many, the cold months of winter are nothing more than a dreaded period of waiting for the warmer months of spring. However, along with the brief daylight hours and the long, dark nights comes something quite magical...SNOW. Each year, the first flakes of winter can renew our sense of wonder during a time of the year that otherwise seems lifeless. Leafless trees, few if any blooming plants, long-gone migrating birds, and many animals snugly settled into hibernation or brumation leave little behind except for the utter quietness that comes with the blanketing of fresh fallen snow — suddenly, the world outside seems enchanted.

Amazingly, half of the world's population has never seen snow. For the rest of us, snow may be the most redeeming quality of winter, providing many fun activities in the form of skiing, sledding, snowshoeing, building a snowman, snowball fights, catching snowflakes on your tongue, and even making snow ice cream — just to name a few! Of course, snow can cause a lot of disruptions to our busy lives, too. Travel havoc, dangerous driving conditions, frostbite, and hypothermia are common headaches caused by winter weather.

There are about 105 snow events annually across the United States. Roughly speaking, an average of one million billion snowflakes fall each second over a year. In Maryland, we average about 20 inches of snow each year. Everyone has heard that no snowflake is like any other, but have

(Continued page 9)

OREGON RIDGE NATURE CENTER SPEAKER SERIES 2018-19

HOPKINS HYDROLOGY RESEARCH AT OREGON RIDGE

By Dr. Ciaran Harman
Assistant Professor
and Russell Croft Scholar
Johns Hopkins University

January 21, 7 PM
ORNC Auditorium



For decades, Oregon Ridge Park has been a natural laboratory for scientists interested in understanding the natural world. It has been the basis of several breakthrough studies on how rain travels underground and in streams, and how that water shapes the surface topography that we see and the hidden topography below ground. For the last five years, Ciaran Harman's research group has been continuing this tradition, collecting data and samples that are teaching us more about how rain becomes streamflow, and how the land preserves the memory of the rain that fell in the past. Dr. Harman will present an overview of important studies from the past by Owen Bricker and Emory Cleaves in the 1960s, Reds Wolman in the 1970s and 80s, and more recently by members of the Baltimore Ecosystem Study group. He will discuss the 'age' of water in the streams of the park, and show you the 'giant sponge' under your feet that supplies water to domestic supply wells, streams of the Park, and ultimately to Loch Raven Reservoir. He will also talk about the recent work that has turned what we thought we knew about the subsurface upside-down (quite literally!).

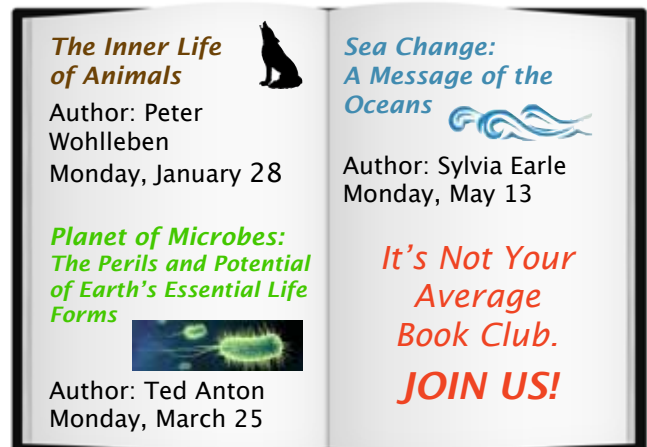
Dr. Ciaran Harman has been studying rain, rivers, and water underground for 20 years. He is originally from Perth, Western Australia (almost the other side of the globe from where we are now), and came to US in 2005 to study Hydrology at the University of Illinois and later at the University of Arizona. Today he is an Assistant Professor and Russell Croft Faculty Scholar in the Department of Environmental Health and Engineering at Johns Hopkins University. Dr. Harman's research addresses fundamental questions about physical, biological, and chemical processes controlling (and controlled by) the movement of water through the landscape.

In 2016, he was awarded the American Geophysical Union Hydrology Section Early Career Award and a National Science Foundation CAREER award. He can be contacted at charman1@jhu.edu

**MARCH 18 SPEAKER
CHARLIE DAVIS – NATURAL
HISTORY SOCIETY OF MARYLAND
Details in Spring Issue**

NATURE BOOK CLUB

The Oregon Ridge Nature Book Club will be discussing three excellent books on the schedule for winter and spring. Each session begins at 7 PM with light refreshments.



JESSICA JEANNETTA BECOMES 6TH DIRECTOR OF OREGON RIDGE NATURE CENTER



In September Jessica Jeannetta became the sixth director of the Center and celebrated her 5th anniversary working at ORNC in October. “I am grateful to have the rewarding opportunity to pair my passions for the environment, and also to serve as the leader and set the example for staff, volunteers and park visitors,” says Jessie. “I believe that if people find a relevant connection with the environment that they will realize their choices play an important role in their own future, as well as in the community and the environment.”

To begin her tenure as Director, Jessie’s plans to utilize the pathways paved by previous directors to grow ORNC as a local recreation destination for the community to experience nature and learn about important environmental issues, while maintaining and sustaining the park’s natural resources and the Center’s current facilities. Jessie also has some new ideas of her

own. She wants to increase opportunities for hands-on experiences by refining and enhancing programming for all age groups. She also wants to foster professional growth of the ORNC staff and volunteers. One step to achieving both of these new goals is to expand onsite and offsite school programs and offer professional development opportunities that meet the requirements of curriculum standards. She also hopes to increase community involvement here by offering additional volunteer opportunities that will foster accountability and ownership of the Park as a community resource.

Jessica has a BS in Biology/Environmental Science and a MS in Recreation & Parks Management from Frostburg State University, and a Secondary Teaching Certificate from Harford Community College. She has worked at Irvine Natural Science Center, North Bay Learning Center, and Harford County Government-Recycling Office. Just a month after starting to work at ORNC, she married Brent Jeannetta in November 2013. Their daughter Claire was born in March 2015. Now almost 4, Claire loves visiting the Nature Center, where she most enjoys helping to feed the animals.

Jessie says, “I am excited to have the opportunity to foster the needs of the Nature Center and Park while continuing to have the ability to interact with people and help them understand how their everyday choices are impacting the environment and guiding them to understand that we can make positive choices for our lives, community and environment.” Jessie also looks forward to partnering with the ORNC Council to set goals and take on endeavors that will expand and fulfill the mission of the Nature Center. ORNC Council congratulates Jessie! We can’t wait to help her on her way to reaching shared goals.

MAPLE SUGAR SEASON 2019 IS FAST APPROACHING

MAPLE SUGAR WEEKENDS

February 16, 17, 23, and 24

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 3:30 PM each day



ANNUAL PANCAKE BREAKFAST

March 2 and 3 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.

NEWS AND UPDATES FROM THE ORNC COUNCIL

ORNCC PRESIDENT MARK GINGERICH TAKES THE LEAD



As announced in the *Trailblazer* summer issue, the Oregon Ridge Nature Center Council elected their officers for 2018-19 last May. Mark Gingerich, a lifetime Council member and longtime member of the Council board, was elected President. Mark is a quiet person, but you know the saying about still waters. Mark has been a faithful volunteer at Oregon Ridge since 2003, dependably present wherever needed at all of ORNC's special events — Maple Sugar Weekends/Pancake Breakfast, Music in the Woods, and the Honey Harvest Festival. As a board member, Mark served first as the web manager, then became the Budget Committee Chair in 2009. Beginning 2014, he served the Council as both Budget chair and Vice President. Mark works for the Baltimore County Board of Education in the IT Department. We are looking forward to Mark leading the Council into the future as we revitalize our trail system and continue our mission to support the educational and environmental goals of the Nature Center.

PIPELINE/LOGGING UPDATES Jim Curtis, Chair of Environmental Issues

As mentioned in my last report, the pipeline construction activity is essentially finished. In October I examined the Shawan Road meadows (former staging areas) and found a thick growth of foxtail grass (*Left Photo*). Amongst the grasses, however, I did discover some milkweed, partridge pea, and black-eyed susans that were part of the meadow seed mix. Since the meadow mix was planted in July, I'm not sure if the native grasses and plants had time to make significant growth. Hopefully, we can get a better idea of the seeding success this spring. The foxtail grasses growing now were not in the meadow seed mix and could be either volunteer growth or from seeding.

Along the actual pipeline, I found the cover in good shape and most of the oak trees planted last year seemed to survive

their first year; however, remember that many acres of mature forest were cut down for this project. I also toured the forest logging/thinning project. Nearly 300 forest acres were logged from 2013 to 2016. The 2013 logging was performed on the western edge of the Park near Falls Road. While the logging did little damage to the remaining trees, the undergrowth is now largely Japanese stilt grass and brambles (blackberries). I found no significant oak regeneration, one of the main goals of this logging.

In the more recently logged areas near the center of the Park, I found excellent tulip poplar seedling growth in many areas (*Right Photo*). The tulip poplar growth was amazingly thick in some areas; but again, few oak seedlings were noticed. Stilt grass has taken over the areas adjacent to the haul roads. Along the yellow hiking trail and the white trail, brambles and stilt grass dominate many areas that were previously open forest with little undergrowth. On a positive note, there

was a noticeable growth of the native partridgeberries and some nice areas of ferns remaining along the yellow trail. However, I really miss the beauty of the mature, open and undamaged forest of previous years.

I will continue to monitor the Park on its recovery from the negative impacts of these projects.



VOLUNTEERS LEARN AND CONTRIBUTE AT ORNC

TRAIL GUIDE TRAINING IS FOR NATURE LOVERS

**Spring Training: February 5 to 8,
10 AM – 1 PM at the Nature Center**

**TOPICS: Maple Sugaring, Butterflies,
Reptiles and Amphibians, Nature Apps**

Do you enjoy sharing your love of nature with young people? If so, consider joining Oregon Ridge's Trail Guides. This group of volunteers is an essential part of making field trips at the Nature Center a success! Trail Guide volunteers lead small groups of elementary students on explorations throughout the forest, meadows, and streams, in search of the animals that call Oregon Ridge home.

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.

HOLIDAY CLOSINGS

December 25
January 1 and 21
February 18

WINTER HOURS (November – February)

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

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



MARYLAND MASTER NATURALIST COURSE

**Mondays, March 18 to May 20
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. Final certification comes with the completion of 40 hours of volunteer service at the Oregon Ridge Nature Center and Park.

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. We begin accepting applications 1/1/2019. 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>. Questions? Please contact the Nature Center, 410-887-1815 or e-mail info@oregonridgenaturecenter.org.

THREE SCOUTS IMPROVE THE PARK

This fall, we had the opportunity to work on projects with two Eagle Scout candidates and a Senior Girl Scout working on her Gold Award. If you have been in the Park in the past few months, you have surely noticed at least one of these projects, maybe all of them.

Just outside the Nature Center can be seen the incredible work that Josh Ward and the scouts from Troop 742 did renovating the steps. Due to the location of the steps and the heavy traffic that they endured over the years, the steps had come into disrepair. Josh worked to rebuild each step and fill them in with gravel. His efforts helped to make the steps safer and to keep the Park more pristine and sustainable. Josh worked tirelessly to overcome challenges that arose during the project and made sure that the steps were completed in time for all to enjoy at the Honey Harvest Festival. *(Upper Photo)*



Over at the nature play area is the handiwork of Sophie Daniels, Troop 990. She built the new water bottle playhouse for children to enjoy. It sits just tucked into the woods at the top of the steps in the back of the play area. Along with her family, she collected hundreds of water bottles that were littered and thrown away after a local, large-scale special event. Brilliantly, Sophie found a new use for them as the walls of the house. *(Center Photo)*



Finally, if you are hiking on the yellow trail, stop at the Ivy Hill Pond to see the hard work done by Josh Rice and scouts from Troop 742. There you will see the newly built kiosk that replaced the old one that was in disrepair. The new kiosk will allow the center to post pertinent information about the park and a trail map that will help hikers to orient themselves along the trail. Also, be sure to sit and enjoy the forest and pond on the new benches built by ORNC volunteer Ralph Brown and installed as part of the project. *(Lower Photo)*



The ORNC staff is incredibly grateful for the time and dedication of each of these scouts and appreciates the improvements they have made to the Nature Center and Park. Without the efforts of these hard working scouts, their leaders, families and fellow scouts, many needed improvements would not take place. We are always looking for opportunities to work with scouts in the community. If you are a scout looking to complete a service project in our Park, please contact the Nature Center for more details about available projects.

MORE COUNCIL AND VOLUNTEER NEWS

INTERNS HELP AND LEARN SIMULTANEOUSLY

This fall we were lucky to have three hardworking local students start internships at ORNC. Rebecca, Caitlyn, and Kaitlin helped care for the animals and with various Park projects. Their dedication and eager willingness to help wherever there was a need was greatly appreciated by the staff and visitors they encountered. The staff has enjoyed getting to know them as part of the ORNC team.

Rebecca Lane is interning as part of her senior year at Loch Raven High School. She enjoys being active and plays on Loch Raven's soccer team. After graduation she plans to attend a college to study Environmental Science, so an internship at Oregon Ridge was a perfect fit. For Rebecca, the highlight so far of being an intern is learning something new every day about her two loves — animals and nature.

You may recognize Kaitlin Kruegar Haga from the fall issue of the *Trailblazer*. Kaitlin enjoyed her summer internship so much that she decided to continue this fall and winter to gain more in-depth experience. She finished her degree in Biology and Environmental Science this fall semester from UMBC. Kaitlin recently married and adopted a puppy.

Caitlyn O'Brien is a general science major at the Community College of Baltimore County, where she enjoys the opportunity to choose classes that she is interested in and passionate about. After graduating, she plans to pursue a career that will closely pair with her internship experience, working in park services or environmental science.



Rebecca Lane
Kaitlin Haga
Caitlyn O'Brien



OREGON RIDGE 2019 WALL CALENDAR NOW AVAILABLE



Do You Love Oregon Ridge? Now you can take a piece of it home with our first-ever wall calendar. The twelve-month calendar features spectacular color photos of the wildlife and habitat that make Oregon Ridge so special. Every photo captures a moment right here in the Park. Use the calendar to jot down appointments and reminders, or simply enjoy the wonders of nature through the beautiful photography.

The Oregon Ridge Nature Center 2019 Calendar is available at the Nature Center with a donation of \$15. Get one for yourself and copies for holiday gift giving. Your donation supports the year-round educational and recreational programs at the Oregon Ridge Nature Center.

Is it time to renew your ORNC membership? For a limited time, new and renewing members at the \$75 Supporting level or above will receive the 2019 calendar as a thank you gift. So, ACT NOW while supplies last.

A Council special committee developed the Oregon Ridge Nature Center 2019 Calendar. They did a great job, and we wish to thank Karen Jackson, Martha Johnston, Kathy Kadow, Beth Keyser, Jonathan Rowe, and Winny Tan for their great teamwork. We would also like to thank the talented photographers whose work is featured in the calendar: Jim Curtis, Jocelyn Curtis, Cathy Czajkowski, Karen Jackson, Jerry Jackson, Martha Johnston, and Michael Keyser.

RIDGE RUNNER SADIE ROZICS LOVES ANIMALS

Sadie Rozics decided to become a member of the teen volunteer Ridge Runner team on the recommendation of her sister Maddie, who was also a Ridge Runner during her high school years. Sadie also wanted experience caring for new, more exotic animals. She has 4 animals at home — three dogs (Dottie, Tyson and Chocolate) and one albino corn snake named Casper. She especially enjoys feeding Oregon Ridge's wood turtle because of the cute way he chases the worms. However, her favorite animal at ORNC is definitely Ruby the corn snake, because Ruby is just so friendly.

Sadie thinks being a Ridge Runner is a great learning experience and a fun way to meet not only new animals, but also new people. She enjoys being present when unusual incidents happen, like the time someone brought in an *enormous* snapping turtle that was too big for home care at the Center. Sadie helped release it into the lake. The very *best* thing about being a Ridge Runner, Sadie says, is, "Getting to have experiences with tons of new animals while learning about each one and teaching guests about the animals."

Sadie goes to Hereford High School, where she is a 9th grader with a 3.75 GPA. Her favorite subject is biology because of the fun labs and being able to learn about the body systems of humans and animals. She thinks her future lies in a career involving animals or other cultures. She adds, "But definitely not a vet. I can't deal with the blood."

Sadie enjoys traveling with her family and loves to see new things and visit new places. She didn't share with us her hobbies or special talents. She says she doesn't often read for fun, but when she does she says "the Series of Unfortunate Events is my favorite series to read."



If you are a teen between the ages of 13 and 18, and if you love nature, please consider joining Sadie and the other members of the Ridge Runner team. Your love of nature will turn into a unique learning opportunity.



TRAILBLAZER STAFF

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CONTRIBUTORS TO THIS ISSUE

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Photographers: Karen Jackson, Jim Curtis, ORNC staff

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Articles/graphics for Spring issue due 1/19.

LET IT SNOW, by Jessica Jeannetta, Continued

you ever wondered why? Wilson Bentley, also known as Snowflake Bentley, was a man who loved winter and studied snowflakes. In 1885, he became the first person to photograph snowflakes in all their glory. His photographs proved that each snow crystal is unique and the odds of two snowflakes being identical are nearly impossible (one in a million trillion chance). His photographs are still treasured to this day and have provided great insight into the complex and intricate details of the uniqueness of snowflakes.

Snow science is simply amazing. A snowflake begins as three simple ingredients: water vapor, dust particles, and ice crystals. Snow is caused by the rise of warm, moist air from the earth's surface into the atmosphere (also known as atmospheric lift), where it forms a cloud. As the rising warm water vapor cools, it converts from a gas to a liquid, creating water droplets. These water droplets then condense or cling to a floating piece of microscopic debris in the air (dust, salt and dirt), creating clouds. Inside the cold cloud (14 degrees Fahrenheit or below), snow begins to form as individual cloud drops begin to freeze together, forming larger ice particles. They will then attract and freeze to other ice particles and grow into snow crystals. Once the crystals are heavy enough they will begin to fall through the cloud. The crystals will clump together as they drop through the cloud, and their size and shape will be determined by the cloud's temperature and humidity level. The higher the humidity the larger the crystals will be. As they exit the cloud, they will be the six-sided, complex lattice structures that we call *snowflakes*.

There are 32 official categories of snowflakes, but only seven common ice crystal shapes: stellar, plates, columns, capped columns, needle, spatial dendrite, and irregular crystals. The smallest snowflake recorded was as thin as a single human hair, and the largest was over a half an inch wide. As a snowflake falls out of one cloud, it likely will pass through other clouds with different temperatures and humidity levels and could become a totally different snowflake. Even as snowflakes continue to fall, they can transform multiple times before they actually land on the ground. Once they land, they quickly begin to sublimate and go through metamorphosis as they evaporate and condense into small granules of ice that blanket the ground as snow cover. Despite their fleetingness, the average snowflake is made up of an estimated 180 billion molecules of water.

I have to admit there are things about snow that make me grumble and groan, but all of that falls away and is replaced with peaceful enchantment while I'm walking along a trail

in the woods covered by freshly fallen snow. Luckily for me, I am able to enjoy the magic and allure of snow often while working in the Park in the winter. The whisper of snow gently tumbling from the sky and the crunch of it under my boots never fails to bring a smile to my face. Hopefully, this winter you, too, will be lured outside to enjoy the peaceful feeling of the snow — the iconic symbol of winter.



Wilson Alwyn Bentley, who for thirty-five years has been studying snowflakes, raindrops, dew and clouds as carefully as the astronomer studies the heavens. He claims that no two snowflakes are alike.



OREGON RIDGE NATURE CHALLENGE

Come try your sleuthing skills! Once per month, an unidentified object from Oregon Ridge Park will be posted on our bulletin board in the hallway by the restrooms. We invite you to figure out what it is and submit your answer. A winner will be drawn from all of the correct entries and a PRIZE will be awarded!



HONEY HARVEST 2018 WAS ABUZZ WITH FUN



From A Bee's Perspective, by Nancy Berger:

Early last October, I buzzed on a breeze to the Oregon Ridge Nature Center's 2018 Honey Harvest Festival. The sky was blue and it was a bee-utiful day in the neighborhood. The first human I saw was lovely Jenny Gross, the 2018 American Honey Princess. She had traveled all around the United States representing the beekeeping industry and is planning to bring hives to her graduate school near Milwaukee so the students will understand the importance of pollinators like me. (I, too, am a Princess. My mother, the Queen Bee, lays 2000 eggs a day, so it's hard to keep up with the names of so many sisters.)

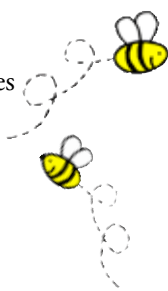
The smell of sweet apples filling the air led me to a flyover at the apple cider press. There were a lot of us honeybees buzzing around there, along with other types of bees and plenty of feisty yellow jackets. Around the corner, mead was fermenting. Humans just love this sweet honey wine.

Next, I headed over to listen to the dulcimer musicians and *Will Play for Fish*. I was so roused by the lively music that I just had to burst into a waggle dance. I danced on and on to the music of the *Tool Shed Band*. This band used an old saw to make vibrating sounds, which attracted lots of my fellow honeybees. *Columbus Mayo* played next. Every member of my family (and there are thousands of us) just loves that old-time country music.

So much was going on at the Festival — the 4th North Carolina Infantry Tar Heels firing off their Civil War era rifles in mock battle, blacksmithing, chainsawing, face painting, honey ice cream churning, and children jumping rope and playing with bean bags and hoops. Beekeeper friends were busy in the Nature Center. Steve McDaniel of McDaniel Honey Farm sold his raw and natural honey. Steve judges honey at the State Fair. Maryland Beekeepers Association

had an even bigger display with Lloyd Snyder helping visitors. Bees by the Bay had its very own room! Bob Stanhope, retired Chief Naturalist for Baltimore County, mentored 16 year old Girl Scout Andrea Sequeira with learning to be a beekeeper to earn her Gold Award this past year. She raised enough money to buy the equipment needed to start two hives. She would watch Bob tend to his hive, and then she would tend to the second. At the Festival, they worked together to demonstrate how to extract honey using 16 partially filled frames from both hives. They cranked out 30 pounds of honey, which Bob says is pretty good for first year colonies. She plans to build another hive this winter and locate it in an open space in Perry Hall. We bees have a new friend.

Nancy Berger is the Queen Bee of the Honey Harvest Festival, and she does a tremendous job. Director, Jessica Jeannetta, assisted by seeing to all of the details for this event. Pam Ward, Master Naturalist and lead teacher, was in charge of craft exhibitors and children's crafts. Kathy Kadow took care of the nuts and bolts of hospitality and 75 volunteers, who were lined up by Georgette Frederick through emails and phone calls. Pat Ghinger greeted visitors. Rob, Jimmy, Mark, and Tom helped with parking cars. There were so many others who worked to make the festival fun and exciting and the most profitable to date. All of us who attended want to say "**THANK YOU**" for making sure we had a memorable day at the 2018 Oregon Ridge Honey Harvest Festival.



Honey Harvest 2018 was a BEE BLAST Success! Why? **GREAT VOLUNTEERS!**

Alisa Anania
Gary Anderson
Lark Anderson
Jeanne Andrews
Debbie Bacharach
Irene Baker
Niko Bennett
Nancy Berger (Event Chair)
Ann Canoles
Noot Canoles
Jim Curtis
Dayle Dabney
Angie Davis
Tom Farrell
Lynn Faulkner
Gemma Feild
Lisa Frank
Jay Ghingher
Pat Ghingher
Mark Gingerich
Sybil Hebb

Sarah Henson
Karen Jackson
Will Jones
Beth Keyser
Rebecca Lane
Sue Leslie
Jes Maaswinkel
Carol Mantegna
Ron Mantegna
Ellen Merring
Dana Murray
Caitlyn O'Brien
Alan Penczek
Jeanne Pinto
Ava Possidente
Kristi Possidente
Lucia Possidente
Maggie Possidente
Ned Renner
Jonathan Rowe
Andi Rudai

Cindy Snyder
Paul Waldman
Cassie Weymouth
Linda & Gene Williamson
Stella Wu
Pat Yevics

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
Columbus Mayo

Demonstrators/Vendors

Jenny Gross—Honey Princess
The Phoenix Wildlife Center
Central Maryland Beekeepers Association
4th North Carolina Infantry Tar Heels
Homestead Forge
Carol and Dave Erhardt
Master Gardeners of Baltimore County
Klaus Meyer-Bothling
Greene's Lambs
Daughter's Choice Bows
Rockcress Glass Studio
The Glass Bee
Snyders Apiary
Bees by the Bay
McDaniel Honey Farm
Cowboy Eats
Yarn Beast
Pdfashion Jewelry
Paul Treadway Fine Art
Frisbee's Adventures
Lisa Webber, Chainsaw Artist





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Cockeysville, MD 21030

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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/JoinDonate.html>

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Email _____ Phone _____

Address _____ State _____ Zip _____

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☐ \$ 75 Supporting

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



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