



**PEEC**  
Pocono Environmental  
Education Center



Spring Equinox 2017

# Seasons

A Quarterly Publication to Advance Environmental Literacy

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**Pocono Environmental  
Education Center**

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## The Care and Feeding of a Tuna Can Buddy Burner

By Ryan Gerbehy

Cooking during a campout can be challenging. Park regulations or weather conditions may preclude you from building a common campfire, and liquid fuel backpacking stoves can be expensive. So what is the camping-minded handyman to do? Build a stove of your own of course.

Buddy burners (or tuna can stoves) are simple projects that you can make on your own with very little outlay of cash. They are essentially a very large candle; they can be used to cook food, heat a room, get a campfire going in bad weather and on and on and on.

### **Materials / Tools needed:**

- Wax - Any kind of wax will work, old candle stubs, crayons, or beeswax, but I would caution against using remnant wax from scented candles. That cinnamon apple pie candle might make the living room smell inviting, but you probably don't want to entice the bears into your cooking site with delicious smells and then not even have any pie. Paraffin wax for canning can be found in almost any grocery store and it's under 5 dollars a box (and one box will make 4 or 5 burners).
- Tuna can - Remove wrapper, open can, consume contents, wash and save the can.
- Corrugated cardboard - Order a leather bound 1st edition of *The Count of Monte Cristo* by Alexandre Dumas. When it arrives, put the book on your shelf and save the box; the box is the important part.
- Large mason jar - Use one you don't intend to use again for anything other than wax.
- Saucepan - A crock pot works also.



- Water - Combine oxygen and hydrogen in the presence of fire (in a proper laboratory setting following all safety protocols) to make water.

### **Steps:**

- 1) Cut strips from the cardboard box as wide as the tuna can is high. Make sure you cut perpendicular to the corrugations.
- 2) Tightly coil the strip of cardboard and put it inside the can. (You may need multiple strips.)
- 3) Break the wax into chunks and put it in the Mason jar and stand the jar up in the sauce pan with about 2 inches of water in the pan.
- 4) Set the sauce pan and water on a kitchen range at medium heat. Monitor the wax.
- 5) Once the wax is fully liquefied, pick up the Mason jar with an oven-mitted hand and pour the liquid wax over the cardboard stuffed can(s).
- 6) Set the can(s) onto a heat resistant surface and wait for the wax to cool. (Note: If the wax solidifies without soaking into the cardboard you can heat up the whole unit in a crock pot or a low oven to remelt the wax.)
- 7) You can add a small sliver of cardboard to the center of the can to act as a wick if you like. But other than that you are finished.

*Continued on page 6*

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## Message from the Executive Director



Over the past several years, PEEC has added more new programs to provide different ways for people to enjoy the outdoors and the natural environment. We have led programs as diverse as our amazing river trips and mountain biking programs to wild edible plant walks and primitive fire building to tai chi, yoga and mindfulness. The programs have been amazingly well received by the local community and weekend visitors, who intuitively and immediately understand the connection between the undeveloped land and water that surrounds PEEC and the recharging of their own minds and bodies.

The core of PEEC's mission and founding, however, is to bring students from the tri-state area for overnight trips to experience nature and the unbuilt environment as they never have before -- literally, to wake up in a National Park. We recently released a new marketing piece for PEEC focused on school trips. It is titled "Better than your parents' field trips!" and really gets at the core of the work we do with students who come to PEEC. It highlights our top 10 list for reasons to come to PEEC:

1. Hand-on, outdoor, field experiences
2. Reinforce STEM curriculum
3. Comfortable 4-season lodging with 250+ beds
4. Wake up in a National Park
5. Team building & low ropes course
6. Sustainable design in action
7. Unplugged students = active students!
8. Cave crawling, bear building, & beaver lodge exploring
9. Stewardship, leadership & service opportunities
10. Educational & fun! S'mores! Campfires! Canoeing!

Allison, our Director of Education, looked at a draft of the postcard and came up with the 11th reason—"Life Changing Impact." Her three words describe both what PEEC does and why we do it.

## TOP 10 REASONS TO COME TO PEEC!

1. HANDS-ON, OUTDOOR, FIELD EXPERIENCES
2. REINFORCE STEM CURRICULUM
3. COMFORTABLE 4-SEASON LODGING WITH 250+ BEDS
4. WAKE UP IN A NATIONAL PARK
5. TEAM BUILDING & LOW ROPES
6. SUSTAINABLE DESIGN IN ACTION
7. UNPLUGGED STUDENTS = ACTIVE STUDENTS!
8. CAVE CRAWLING, BEAR BUILDING, & BEAVER LODGE EXPLORING
9. STEWARDSHIP, LEADERSHIP, & SERVICE OPPORTUNITIES
10. EDUCATIONAL & FUN! S'MORES! CAMPFIRES! CANOEING!
11. LIFE CHANGING IMPACT




**TO: ALL EDUCATORS**

**FROM: PEEC**

1 1/2 - 2 HOURS FROM NEW YORK CITY  
2 - 2 1/2 HOURS FROM PHILADELPHIA

PEEC is the largest residential environmental education center in the U.S. and has been an education partner of the National Park Service for 40+ years.

An independent 501(c)(3) nonprofit, PEEC advances environmental education, sustainable living, and appreciation for nature through hands-on experience in a national park.

**POCONO ENVIRONMENTAL EDUCATION CENTER**

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## PEEC Rocks!

By Stephanie Sherman

Don't take rocks for granite! Many of us do. Most times a rock is a rock and it's usually just another thing I'm stepping over along the trail as I hike with my summer campers. However, if you stop and look, rocks tell their own story that is much older than any of us combined. Some rocks show ancient weathering of how the Delaware Water Gap formed. Other rocks we hike on might even be inside our homes without us knowing. What's more amazing to me is the thought that I could be walking over another world of animals and never even know. Now that's something worth exploring.

We've all watched water flow down the road or through our front yards after a heavy rain. The little rivers of mud and sand carve out a path along the ground, pooling up in a pothole only to break free as it begins to overflow. Just imagine that the Delaware Water Gap was made in the same way, only on a larger scale. Cut between New Jersey's Mount Tammany and Pennsylvania's Mount Minsi, the Gap is about 1,200 feet deep. That's the same height as the Empire State Building in New York City! Millions of years ago, the Appalachian Mountains were created by colliding plates and enormous pressure that crumpled and folded the rocks, like us crushing two stacks of paper together. Those ridges and valleys collected water and the soft rocks were washed away while the harder rocks remained, ultimately creating the Delaware Water Gap!

We can't give all the credit to the water, though, because if it weren't for those different types of rock, we would not have the beautifully carved landscape we see today. Shale and limestone are predominantly the softer stones in the Gap. Shale consists of layers and layers of sediment, belonging to the aptly named category of "mudstones." If you have a brick fireplace or a terra cotta pot, you have shale in your house. Limestone is made from calcium shells of sea creatures, which also makes it a great rock for fossils. Our summer campers use limestone every time they chalk up our campus. These soft rocks can easily be washed away, or eroded, leaving behind harder rocks like sandstone and conglomerate rocks. These hard stones are actually many different types of minerals pressed together into a larger rock.

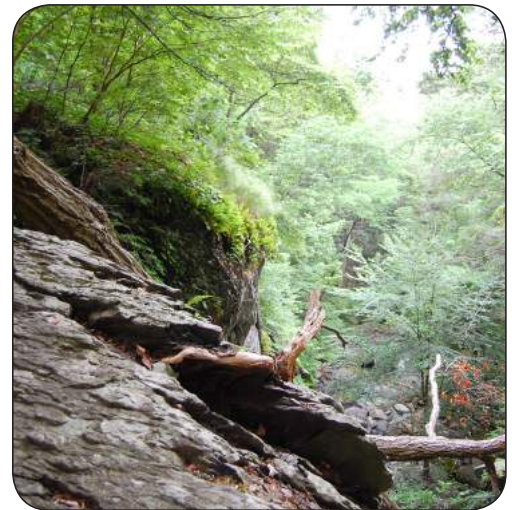
Those hard river rocks and mountains create great hiding places for troglobites. Troglo-what you ask? Troglobites are all the little creatures that rely on caves for their homes. Usually we think about bears and bats sleeping away the winter in some large cavern, but they are only visitors. Troglobites could be considered those "creepy crawly" beetles and spiders, but they also include things like fish and salamanders. We might think of them as pretty hardy to live in caves, yet in reality they would not last long in the outside world, making them pretty fragile. Currently there are over 7,700 species of troglobites identified, whereas we've identified 5,146 mammals on earth. There could be even more undiscovered troglobites out there because we've only explored a small fraction of the caves on earth! My campers would often ask me how these little guys can live under our feet without being crushed. It's because they can fit into so many smaller places than we can. Scientists call this a microhabitat!

It's true; rocks can be pretty underappreciated at times. We don't normally think about how they are the foundation for both nature and our homes. The Delaware Water Gap itself has millions of years' worth of stories that include crushing, colliding and the pressing force of water. Those same stones are part of the sidewalk we travel daily to work or school. The one thing that my summer campers can always get behind is looking for new critters. Caves are great for bats and bears, but those fossils and little troglobites could be the next adventure for us. Why? Because PEEC Rocks!

Sources:

How the Gap formed: <https://www.nps.gov/dewa/learn/nature/upload/How-the-gap-is-formed.pdf>

For more info on all things rock-related visit: <http://geology.com/>



## Volunteer Trail Stewards

By Sheri Bone

PEEC is very lucky to have partnered with the Delaware Water Gap National Recreation Area (DWGNRA) to host a group of volunteer Trail Stewards. These men and women came to PEEC every month last year, from April through August, to work on trails at PEEC and throughout the park. They traveled mostly from NJ and PA, but some from as far away as Virginia! They plan to come back for the 2017 season. They must really love trail work!

When asked about what made them want to come to PEEC to volunteer as a Trail Steward, I found out that most of them have been doing this kind of volunteering for many years. In fact, most of the folks who shared their stories with me have been volunteering in one way or another for most of their lives. And who got them to volunteer? Mostly, their moms had the biggest influence on them!

I asked them what they liked doing when volunteering on PEEC's trails. Here's what some said:

"I like working with like-minded people!" (BK)

"I love the outdoors: hiking, camping, recreating." (MB)

"I really like working on a set of trails in a beautiful area that needed some attention to make them more accessible and safe for hikers." (GM)

These talented trail workers come from all walks of life: former teachers, lawyers, retirees, and musicians. If you choose to join them, you will fit right in! As much as they enjoyed working on the trails, every person said that it was really great working with such a wonderful group of people.

It might be appropriate to mention that one of the Trail Stewards took volunteering to a higher level. Brad Koller decided to volunteer at DWGNRA (now that he is retired from his teaching job) and won the "Volunteer of the Year" award for 2016! PEEC is fortunate to have such a great group of volunteers!



**PEEC**  
Pocono Environmental  
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# Plant SALE!

MAY 13 & 14, 2017 • 9:00AM – 4:00PM

Choose from a variety of native and deer resistant flowers and grasses to beautify your yard. Perennials include coneflowers, bee balm, asters, yarrow, lungwort, and much more. Sun loving and shade loving plants will be available. Please call well in advance with your requests. Remaining plants will be sold throughout the week – come check them out!

**CALL  
PEEC  
570.828.2319  
FREE  
ADMISSION**

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**PEEC MEMBERS  
PRE-SALE**  
FRIDAY, MAY 12TH | 5-7PM



## Ask a PEEC Volunteer

By Derek Scott

As a non-profit organization, with a full time staff of less than 15, that sees about 30,000 annual visitors, PEEC relies very heavily on our volunteers. These individuals, who often work behind the scenes, are truly what help us thrive as an organization. We decided to start a new column in our seasonal newsletter to ask these individuals why they started volunteering at PEEC and what keeps them coming back.

### What made you decide to volunteer at PEEC?

I volunteered at PEEC because the Biology teachers in NYC used to have a close relationship with PEEC and many attended workshops or other events. I met Flo (former PEEC staff) in NY at the Science Teachers of NYC conference and saw her there many years. Some teachers had trips to PEEC with their students. – Joe C.

I was new to the area in 2015 and had also just established my own consulting business. I joined the Pike County Chamber of Commerce. I read their newsletter and saw information on PEEC which piqued (no pun intended) my interest. I followed the link to the PEEC website and saw the notice about the “Fungus Among Us” hiking tour. The subject matter was of great interest to me (nature, outdoors, hiking, flora and fauna, etc.) so I signed up and participated in the hike and got to know a little about PEEC and was favorably impressed. – Andrea J.

### What’s your favorite part about volunteering at PEEC?

I enjoy working in the Ecozone Discovery Room where there are lots of interactive exhibits such as the Black Rat Snake named Garrett, a man-made beaver hut made with real beaver chews and a simulated bat cave. I enjoy teaching and helping the families tour the exhibits. – Donna R.

By far the best part of volunteering is the contact with the Public and workers at PEEC. I enjoy meeting people and sharing my knowledge with them. The people at PEEC are gracious and show their gratitude especially through the volunteer appreciation dinner. It is a pleasure to be a member of the PEEC Family. – Joe C.

### How would you persuade someone new into volunteering here?

PEEC is a great place for anyone who is interested in the environment, forestry, botany, fossils, birds, animals and outdoor activities. The most important thing about PEEC are the people you get to meet such as the visitors, park rangers, other volunteers and all the warm friendly people who work for PEEC. The staff is appreciative and welcomes volunteers as a vital part of the team. – Donna R.

I would point out that volunteering at PEEC is a great way to make a contribution to the community while learning about our local natural environment. For those with specific expertise, it is warmly rewarding to interact with PEEC visitors. The naturalists who work at PEEC are very knowledgeable and easy to work with. There are many different ways to volunteer at PEEC depending on your interests. – Andrea J.



**PEEC**  
Pocono Environmental  
Education Center

# FARM TO TABLE DINNER

**SATURDAY, APRIL 8, 2017**  
6:00 - 8:00 PM



Welcome the coming of spring with PEEC's 1st Farm to Table Dinner. This dinner features local produce perfect for the season! Bring your friends & family to enjoy this cozy evening.

**POCONO ENVIRONMENTAL EDUCATION CENTER**  
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**CALL PEEC**  
570.828.2319

**\$25 PER PERSON**

**CALL NOW TO MAKE YOUR RESERVATIONS**  
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**PEEC**  
Pocono Environmental  
Education Center

# ANNUAL EARTH DAY FESTIVAL

**SATURDAY, APRIL 29 • 10AM-4PM**



**HELP US  
CELEBRATE  
THE  
EARTH!**



**CALL PEEC**  
570.828.2319

**\$5 PER CAR**

**PRE-REGISTRATION NOT REQUIRED**

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## The Care and Feeding of a Tuna Can Buddy Burner

*Continued from page 1*

To use the burner, simply apply fire. The cardboard acts as a wick for the wax and isn't used up quickly during the use of the stove. You can (carefully) add a small chunk of wax while the burner is going and the wax will melt down and refuel the stove.

Be sure not to set a pot directly onto the burner can as this will snuff out the flame. You can build a pot stand or buy a prefabricated one

from a camping store. You could even use a couple of bricks or rocks to rest the pot on.

When finished with cooking, you can rest the pot on top of the stove to extinguish the flames, though this may get the bottom of your pot a little waxy. You can also carry some extra foil or tin can lid to use as a snuffer. Be sure to let the stove cool and make sure the wax is completely solidified before you pick it up and move it.

### **Test:**

I made several stoves with several different cardboard configurations for this article. I decided to test the one that was made with the

method described above.

Outside temp: 54 degrees

Wind: still with an occasional light breeze

Burn time: ~45 minutes

Time to boil one liter of water: 18 minutes (second liter took 14 minutes)

Number of liters brought to a boil: 2

**\*Note\* There was a lot of smoke during the burning. Make sure to only burn a tuna can stove outside or in a chimney flue.**

## It's Not just Toys!

*By Mariann Oswald*

I had a mighty great time at the New York Toy Fair this year! Accompanied by Anna, another PEEC employee, I managed to peruse a large percentage of the 10,000 vendors, searching for the best fit for the PEEC Bookstore. We worked very hard to fill the store with items "Made in the USA" and/or made from recycled products. I am happy to report that it is getting easier every year to find good companies who are "going green", making products from recycled materials, using waste to produce power, packing in and with recycled materials and creating better, longer lasting educational toys, games, puzzles and books.

Many of our great "finds" are now available at the PEEC Bookstore, including:

- Puzzles, games, bug houses and more from Melissa & Doug, LLC, created and manufactured in the US.
- "Advice from" signs and magnets from Your True Nature, who have a US based facility and plant a tree for every tree used.
- Veggie Pops made in New Jersey. What are veggie pops? They look like a lollipop, but are really seeds inside paper. You plant them in the ground and watch them grow!
- Geodes and fossils from GeoCentral, a small company started in Napa, CA.
- Games made in the US of recycled materials from FoxMind Co., a US based company.
- Pillows, soap and games from Sassafras Enterprises, Inc. produced in an environmentally sound manner to minimize their carbon footprint and packaged in recycled products.
- Games and puzzles from Galison under the name Mudpuppy.
- Backpacks, books, toys and games from eeBoo, a small boutique company located nearby.
- Earrings made from cereal boxes by Jabebo.

Of course, we continue to carry products from Green Toys, Wild Republic, Fiesta Toys, Douglas Cuddle Toys, Channel Craft, Dover Books, Folkmanis, Lucuma Designs, Manhattan Toy, Wilcor and others.

Stop in and see what we have to offer. I think you will be pleasantly surprised. It's not just toys!



## 2017 PEEC Instructional Staff

### *Photo Caption:*

Seated left to right: Stephanie Sherman, Nathan Gilson, Amanda Dahms, Deanna Assad, Morgan Bustamante, Corrin Dylnicki, Siobhan Prout, Alexa Sarussi

Standing Left to right: Ryan McLaughlin, Ryan Gerbehy, and James Scott



## Earth Day Watershed Stewards

By Sheri Bone

Earth Day. April 22nd. This year, Earth Day falls on a Saturday, and PEEC is taking advantage of the fact that it's occurring during a weekend with a special event! We will be celebrating the 47th anniversary of Earth Day, which is set aside for environmental awareness, by hosting groups of interested Watershed Stewards!

What is a 'watershed steward'? It is a person who knows that a watershed is the land that has its water drain to a common place, and is named for that place. PEEC, as are many towns and cities in western NJ and eastern PA, is located in the Delaware River Watershed, because ultimately, rain that falls here will flow into the Delaware River. The people who will be coming to PEEC as watershed stewards will be picking up trash along roadsides, trails, and some streams. Some of them will be identifying invasive species and assisting with removal of those plants. They are taking care of the watershed because they want the water in the watershed to be clean.

Clean water is extremely important. Did you know that the water in the Delaware River **WATERSHED** provides drinking water for about 15 million people? I bolded 'watershed' because I want to make sure we remember that groundwater, not the Delaware River, provides many people in Pike and Monroe counties with drinking water. Taking care of the land will ensure that the water in our private wells will be safe to drink. Some communities in this watershed treat the water from the Delaware River and use that as their drinking water. Keeping the watershed clean will help them have clean drinking water, too.

If you cannot participate in PEEC's Watershed Stewardship event, here are some things that you can do at your home and yard:

- Plant a tree. Trees help keep soil in place. Their leaves slow down the speed of the raindrops, which causes less erosion (movement of soil). Erosion is the biggest polluter of waterways.
- Collect water from your downspouts to water your gardens. Rain barrels are popular and there are many ways you can collect the water so it does not contribute to erosion.
- Eliminate fertilizer and pesticides. Believe it or not, Mother Nature knows how to make sure her grass is green. Homeowners, unlike farmers who need to take certification classes in order to spread fertilizer, usually use too much and apply it too often. When it rains, the runoff carries extra fertilizer into the groundwater, streams, creeks and river. That is not a good situation. Pesticides are bad, too. They are poison. While they kill unwanted plants and critters, just as with fertilizers, runoff will carry pesticides to the groundwater and waterways. No one wants poison in their water. If weeds bother you, find ways to physically remove them from your yard. You will not only be helping the watershed, but the pollinators (bees and other insects) will thank you! (And it's good exercise!)
- Create a rain garden. Come to PEEC and see the rain garden we have created next to the Dining Hall/Visitor Activity Center. Contact your local Cooperative Extension office for rain garden ideas.
- Don't litter. We've been told this forever, and yet people still throw their trash into woods and along roadsides. It looks terrible and is NOT good for our drinking water.
- Visit a nature center, like PEEC! If you cannot volunteer to be a watershed steward on April 22 (or if we have reached our quota of volunteers) plan to visit our Earth Day Celebration on April 29th. True, it's not the actual anniversary, but every day should be Earth Day; don't you agree?

If you think you would like to participate as a watershed steward on April 22nd, please call the office by April 8th: 570-828-2319.



# SPRING PROGRAMS AND GETAWAYS

**PRE-REGISTRATION REQUIRED**  
**Unless otherwise indicated.**

## TO REGISTER:

Call PEEC at 570-828-2319

## APRIL

### Boy Scout Badge Festival

Saturday, April 1 – 9:30am-4:00pm

\$25 Full Day

Attention all Bears, Webelos and Boy Scouts! Join us for a fun day of badge work! Bears will work on the Bear Necessities adventure (pre-req 5 and 9). Webelos will work on Webelos Walkabout adventure. Boy Scouts will work towards the Wilderness Survival badge (pre-req #5, bring survival kit; scouts will need to spend a night in debris shelter). Scouts must be supervised at all times by a parent or troop leader. Payment is required at registration. Space is limited - call early!



### Black & White Photography Tour

Sunday, April 2 – 9:00am-4:00pm

\$35

Grab your camera and join us for a tour of the historic buildings in the Park. This is the perfect time of year to shoot black and white photos. Pack a lunch and dress warm. Call to reserve a seat in the van – Maximum of 18 spaces.



### Geology Hike

Sunday, April 2 – 1:00-3:00pm

Free for members / \$5 for non-members

Join Paul Kovalski, aka, Dr. Dinosaur, for a program based on the geology of the area. We'll take a short hike and talk about rocks, fossils, glacial deposits, and what makes our park unique.

### Girl Scout Badge Festival

Saturday, April 8 – 9:30am-4:00pm

\$25 full day for Brownies, Juniors, Cadettes / \$5 for Seniors

Attention all Girl Scouts! Come to PEEC for a fun day of hands-on badge work. Brownies will work on Outdoor Adventurer badge. Juniors will focus on the Flowers legacy badge and Gardener badge. Cadettes will work towards the Trailblazing badge. Seniors will work on the Adventurer badge. Scouts must be supervised at all times by a parent or troop leader. Payment is required at registration. Space is limited - call early!

### Farm to Table Dinner

Saturday, April 8 – 6:00-8:00pm

\$25

Welcome the coming of spring with PEEC's 1st Farm to Table Dinner. This dinner features local produce perfect for the season! Bring your friends & family to enjoy this cozy evening.

### Salamanders, Frogs and More!

Sunday, April 9 – 10:00am-12:00pm

\$5 per person

Amphibians are stirring in the woods! Join us as we explore nearby breeding pools for salamanders, frogs, and egg masses. We'll provide nets and collection bins for gentle, up-close study. Wear boots and clothes that can get a little muddy or wet.

### Ecozone Discovery Room!

Sunday, April 9 – 1:00-4:00pm

\$2 per person

Climb into a bald eagle's nest, crawl into a bat cave, explore a beaver lodge, and dig in a fossil pit! Explore this indoor discovery room and enjoy hands-on exhibits on natural history, sustainability and the local environment.

### Bridge the Gap: Pond Explorers

Saturday, April 15 – 10:00am-12:00pm

Free

Join us as we explore the ponds with nets! We'll collect fish, macro-invertebrates, amphibians, and anything else we find in collection bins for up-close study. Wear boots and plan on getting a little wet and muddy! Funding for this program provided by the William Penn Foundation.

### Pocono Knit Camp

April 20-23

\$70 per day / Call for commuter rates

Stretch your knitting skills to make cabled fingerless mitts, and knit or crochet a beaded bracelet. Pre-ordered kits are available or use your own materials. Includes lodging and meals!



### Naturally Beautiful Beading

Saturday, April 22 – 10:00am-12:00pm

\$20

Learn to identify different stones such as jasper, geodes, agate, or turquoise and the process used to color enhance the stones. Instructions will also be given on how to create a bracelet & earrings, or a necklace to take home!

### Ecozone Discovery Room!

Saturday, April 22 – 1:00-4:00pm

\$2 per person

Climb into a bald eagle's nest, crawl into a bat cave, explore a beaver lodge, and dig in a fossil pit! Explore this indoor discovery room and enjoy

*Continued on Page 9*



# SPRING PROGRAMS AND GETAWAYS

2017

Continued from Page 8

## APRIL

hands-on exhibits on natural history, sustainability and the local environment.

### Spring Peeper Search

Saturday, April 22 – 8:00-9:00pm

Free

These tiny tree frogs have thawed out and are active again in our forested wetlands. Listen to the impressive choir made by these vocal amphibians as we carefully catch, study, and release them. Bring a flashlight for better searching!

### Active Adventures: Edible & Medicinal Plant Walk

Sunday, April 23 – 10:00am-12:00pm

Free

Nature provides food & natural remedies for us in the form of many plants. Join us on a hike focused on wild edible & medicinal plants. No collecting will be done in the Park. Funding for this program provided by the AllOne Foundation.



### Bridge the Gap: Bike the McDade

Sunday, April 23 – 1:00-4:00pm

Free

Join us for a bike ride along the McDade Trail! We will provide all equipment and transportation. Please bring a water bottle and lunch, and wear sturdy footwear. We will have extra water and snacks available. Registration begins March 23rd – Maximum of 25 spaces. Funding for this program provided by the William Penn Foundation.

### Earth Day Festival

Saturday, April 29 – 10:00am-4:00pm

\$5 per car

Help us celebrate the Earth! There will be hands-on learning stations, interpretive hikes, conservation exhibits, crafts, food, music, and much more! Pre-registration is NOT required.



### Tweets and Sweets

Sunday, April 30 – 9:00-11:00am

\$5

Interested in learning more about birds? Join us for a hike that focuses on bird ID and their unique natural history. We'll be having breakfast snacks & beverages before we head out. We provide binoculars and field guides. Ages 10+ please.

### Bridge the Gap: Wildflower Walk

Sunday, April 30 – 1:00-4:00pm

Free

Celebrate the blossoming of spring with a walk in the woods. Join us as we share identification tips and discuss the natural history of local flowers. Funding for this program provided by the William Penn Foundation.

## MAY

### Birds and Brews (Formerly Warbler Weekend)

May 5-7

\$205 / \$155 commuter rate – call for day rates

Spring migration has begun! Join us for a wonderful weekend of bird watching and beer tasting. Enjoy guided hikes that teach you how to identify birds by sight, sound and habitat – great for beginners and experts alike! Saturday night we'll provide transportation to and from the ShawneeCraft Tap Room – the first round's on us! Includes two nights of lodging and meals from Friday dinner to Sunday lunch.

### Tweets and Sweets

Saturday, May 13 – 9:00-11:00am

\$5

Interested in learning more about birds? Join us for a hike that focuses on bird ID and their unique natural history. We'll be having breakfast snacks & beverages before we head out. We provide binoculars and field guides. Ages 10+ please.

### Active Adventures: Pamper Mom in the Poconos

Saturday, May 13 – 10:30am-7:30pm

\$35

Attention all mothers! Join us for a relaxing day of activities that's all about you! We'll be offering a mindfulness program, yoga, edible & medicinal plant walk, and a wine & painting class. Includes lunch, dinner, and your choice of a perennial from our Annual Plant Sale! Preregistration is required. This program is partially funded by the AllOne Foundation.



### Plant Sale!

May 13 & May 14 – 9:00am-4:00pm

Free admission

There is a pre-sale for PEEC members on Friday, May 12, from 5-7pm. Choose from a variety of native and deer resistant flowers and grasses to beautify your yard. Perennials include coneflowers, bee balm, asters, yarrow, lungwort, and much more. Sun loving and shade loving plants will be available. Please call well in advance with your requests. Remaining plants will be sold throughout the week – come check them out!

### Active Adventures: Nature Photography

Saturday, May 20 – 9:00am-5:00pm

\$25

Catering to photographers of all skill-levels, Ian Adrian and Salvador Veiga will be providing a two-part photography workshop. This day-long, interactive program will offer an overview on lighting, camera settings, and tricks of the trade for capturing once-in-a-lifetime shots of picturesque landscapes and wildlife in the morning, then applying those lessons in the field. Participants are required to bring their own digital cameras (all brands and models welcome) and any other equipment they see fit. Pack a lunch and bring a water bottle. Preregistration is required – Maximum of 20 spaces. This program is partially funded by the AllOne Foundation.

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## MAY

*Introduction to Blacksmithing*  
Sunday, May 21 – 10:00am-12:00pm  
\$5

Interested in learning about the trade of blacksmithing? Join William Barrett, of the New Jersey Blacksmiths Association, for a look at the history and basics of blacksmithing. Program will include live demos over a forge.

*Active Adventures: Intro to Tai Chi & QiGong*  
Sunday, May 21 – 2:00-4:00pm  
Free

Tai Chi is an ancient Chinese internal martial art, excellent for improving physical health and mental awareness. QiGong is a gentle and low-impact form of exercise appropriate for anyone. Join us as we cover the basics of these ancient forms with Richie Roche, who has been teaching these programs for over 15 years! Funding for this program provided by the AllOne Foundation.

*"Spring Fling" Family Nature Getaway Weekend Memorial Day Weekend: May 26-29*  
Adults \$225 / 25% off ages 7-10 / 50% off ages 4-6 / free under 3 / commuter and day rates available – call for details  
Bring your family and friends to experience the best of what PEEC has to offer. Interpretive hikes, animal presentations, canoeing, campfire and more! Includes three nights of lodging and meals from Friday dinner to Monday lunch.

## JUNE

*Bridge the Gap: Day Paddle*  
Saturday, June 3 – 9:00am-3:00pm  
Free

Join us for this free paddle down the Delaware! Bring a lunch and a water bottle and dress for the weather. We will provide extra water and snacks. Choose between a canoe or kayak. Registration begins May 3rd – Maximum of 25 spaces. Funding for this program provided by the William Penn Foundation.



*Create Your Own Walking Stick*  
Sunday, June 4 – 1:00-4:00pm  
\$25

Join us for an afternoon with Brad Koller as we create handcrafted walking sticks. Wood, tools, gloves, and aprons will be provided, as well as suggestions and pointers on how to personalize your walking stick. Preregistration required – Maximum of 14 spaces.



**PEEC**  
 Pocono Environmental  
 Education Center

**Active Adventures:**  

# NATURE PHOTOGRAPHY

SATURDAY, MAY 20, 2017 • 9AM-5PM



**ACTIVE  
ADVENTURES**

**CALL  
PEEC**  
570.828.2319

**\$25** PER PERSON

CALL NOW TO MAKE YOUR  
RESERVATIONS

peec@peec.org • www.peec.org

Catering to photographers of all skill-levels, *Ian Adrian* and *Salvador Veiga* will be providing a two-part photography workshop. This day-long, interactive program will offer an overview on lighting, camera settings, and tricks of the trade for capturing once-in-a-lifetime shots of picturesque landscapes and wildlife in the morning, then applying those lessons in the field. Participants are required to bring their own digital cameras (all brands and models welcome) and any other equipment they see fit.

**Pack a lunch and bring a water bottle.**  
**Maximum of 20 spaces.**  
**Pre-registration is required.**

**This program is partially funded by the AllOne Foundation.**

**POCONO ENVIRONMENTAL EDUCATION CENTER**  
 538 Emery Road • Dingmans Ferry, Pennsylvania 18328

PEEC is close to home, where learning comes naturally! | PEEC is located off of Route 209 inside the Delaware Water Gap National Recreation Area in Dingmans Ferry, PA.

# JOB OPENING

**Start Date: June 5, 2017**  
**End Date: August 25, 2017**

The Pocono Environmental Education Center (PEEC) is working with other local environmental centers in an effort to build a network focused on constituency building and stewardship of the Delaware River Watershed. This network of 23 environmental centers seeks to hire 23 young people (one at each center) for a 12 week summer fellowship designed to advance our collective impact across the watershed.

The Watershed Fellow will serve as an ambassador for PEEC and the Delaware River Watershed by engaging our local community, emphasizing the importance of stewardship and helping PEEC reach and engage new and underserved audiences. By the end of the 12 weeks of service, Fellows will have become local watershed experts and will have introduced many new people to their local trails and waterways, in addition to PEEC, as well as the steps they can take to help restore and protect the Delaware River Watershed.

### To Apply:

Please send cover letter, resume, and 2 references to:

Derek Scott  
 Public Program Manager  
 Volunteer Coordinator  
 Pocono Environmental Education Center  
 DScott@peec.org

### Compensation:

This position pays \$9.50 to \$12/hour - depending on if PEEC on-campus housing is provided. Fellows will serve 40 hours/week for 12 weeks.