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## Identifying Plants

By Kristin Heckrote

A student in one of our classes asked how the instructor was able to tell the plants apart because they all just looked green. When you think about it, this is a really valid question. Most of us are not taught anything about plants when we are young. In school, science classes cover different animals, be they exotic like elephants and lions, endangered like pandas and cheetahs, or simply domestic animals like cats, dogs, and ducks. Most school science classes only cover photosynthesis when they teach about plants, but do not cover much more, and certainly not plant identification. With the exception of the flowers, most plants have the same general colors and, unless you know what to look for, can look very similar.

Flowers are the most recognizable part of any plant. Wildflower field guides use flowers to help identify plants and that is probably the easiest way to identify them. Field guides come in all shapes and sizes. The most basic guides, like *The National Audubon Society: Field Guide to Wildflowers* and *Peterson Field Guide: Wildflowers*, identify flowers by color or shape. Other guides like *Newcomb's Wildflower Guide* have what is called a key. To identify the plant, a person works his/her way through a series of identifying plant characteristics. The advantage of using a guide like this is that the user is directed to a specific flower on a specific page rather than having to flip through multiple pages while identifying pictures.

Using flowers to identify plants is great, but what if it is the wrong time of year for the plant to flower? An alternative method of identifying plants is using family characteristics to provide the clues to the plant's identity. Plants are divided into families in the same way that animals are divided into families. Each family has certain specific characteristics that help to distinguish it from other families.

Think about the difference between different plants as being similar to the differences between cats and dogs. While both have similar general body structures, they are definitely different species. If you take the time to describe them, four legs, tail, ears, eyes, muzzle and so on, they sound like they are the same thing. However, once the general features have been eliminated, cats and dogs are very different. In the same way, plants all have leaves, stems, and roots; that's the visible part of what makes them plants, but plants have a lot of other characteristics that make them unique.

Some plants have leaves that grow opposite each other on the stem while others have leaves that are staggered (alternate) or that only grow at the base of the stem close to the ground (basal). Another characteristic is the shape of the leaf. It can be simple or compound (many leaflets on a single stem), long, short, wide, narrow, and a host of other characteristics. Even the edges of the leaves differ from plant to plant.

Knowing the characteristics of each plant family can point the way to what the plant might be. Typing in a specific plant family on-line will bring up lists  
(Continued on page 3)



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PEEC Seasons is a Quarterly Publication of  
the Pocono Environmental Education Center  
Marketing and Development Office.

Design & Layout Niki Jones Agency  
Editor Janine Morley

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## CEO Message

Jeff Rosalsky



Avid followers of PEEC might have noticed that we have updated our mission statement recently to reflect PEEC's goals going forward. Our new mission statement reads, *"PEEC advances environmental education, sustainable living, and appreciation for nature through hands-on experience in a national park."*

The words "environmental education" were added, as that is the core of what PEEC does. We teach children and adults about our natural world, the wonders it holds and why we need to preserve it.

The term "sustainable living" is new to our mission statement, but at its core is the concept of how we as a species grow, thrive and improve our quality of life without degrading the planet's natural resources for future generations. Over the next year we plan on introducing new interactive exhibits, activities and classes that highlight the issues and impacts of the everyday life choices we make. People will always have an impact on their environment, the key is to minimize the negative and irreversible and make conscious fully-informed decisions about our energy, water, food and shelter choices.

The "appreciation of nature" language reflects our focus on visitors to PEEC and the Delaware Water Gap National Recreation Area who enjoy the woods, the trails, the ponds and the wildlife they shelter. The "hands-on experience" is PEEC's approach to teaching—direct and hands-on. One of our students last month put it best in her evaluation of PEEC, "They don't do anything here for you, I got to do everything here!" Our classroom is the outdoors and, more specifically, PEEC has the privilege of thriving and teaching in the heart of one of America's amazing national parks.



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- Canoeing

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- Sports
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- Horseback Riding



(Continued from page 1) of specific plants from that family, which will often have pictures to help with the identification.



There are several common families that are fairly easy to identify. One of the most common blooming families in the late spring and early summer is the mustard family. The scientific name for this family is *brassicaceae*, named after the long narrow seed pods that look like an extension of the stem. The family used to be called *cruciferae* after the cross-like shape of the four-petaled flowers. The leaves on mustard plants are alternate, though some of the plants are in rosettes.

Another common late spring early summer family is the rose family, *Rosaceae*. The leaves are spiral or opposite and simple or pinnately compound with serrated edges. Both flowers and leaflets come in 3's 5's and 7's, with most flowers having 5 petals. Strawberries, raspberries, and several other common fruits are in the rose family.

Most people are familiar with Queen Ann's Lace and the broad flat shape of its flower. It belongs to the carrot family or *Umbelliferae*. The large flower heads in this family, called umbels, look a little like an umbrella. Each little floret that makes up the larger umbel has five petals, five stamens, and five sepals. Most of leaves are deeply lobed and slightly feathery in appearance.

The aster family, *Asteraceae*, blooms more in late summer and early fall. Aster is a reference to the star-like shape of the flowers, which tend to have 5 fused petals forming a specific type of flower called a capitulum. The leaf edges tend to be deeply lobed. This family also has taproots and rhizomes, which are larger, more developed storage roots.

Identifying plants can be challenging, even to someone who spends a lot of time around them. The "Aha" moment of identifying them is a really satisfying experience. Learning new plants also helps to build new knowledge, making it easier to identify other plants. This is a great summer to get outside and learn more about the green world around us.



## Schools, Facebook, Twitter, & PEEC

By Janine Morley

The front entry at PEEC has received a new addition. Two banners (pictured below) have been added to either side of the fireplace in the main building.

The left-side banner celebrates the longtime association of schools & PEEC. Schools that have been holding field trips at PEEC for 10, 15, & 20+ years are listed. Many students & teachers have been excited to see their schools included. We plan to continue this tradition, revising the school list & adding a new banner, each year.

The right-hand banner introduces PEEC's social media sites to our many visitors. Social media (Facebook, Twitter, etc.) has become an internet phenomenon & PEEC has joined the trend. PEEC has a Facebook page ([www.facebook.com/pages/Pocono-Environmental-Education-Center/48733335833](http://www.facebook.com/pages/Pocono-Environmental-Education-Center/48733335833)) and a Twitter account ([peec\\_tweet](https://twitter.com/peec_tweet)). We have even included QR Codes (the black & white bar code boxes) on the banner so that visitors with the technological capability can scan the codes & link immediately to our social media sites.

We hope that you will be able to visit PEEC for some of our upcoming events & check out the banners in person. We are also looking forward to connecting with people on-line so that we can share information about the environment & about what we have happening at PEEC.





# Earth Day

By Jessica Snyder

Our annual Earth Day Festival has been a local family favorite event for quite some time and includes hands-on exhibits, live animals, canoeing, music, crafts, tie-dyeing and of course, scrumptious food.

As with any spring time event...there is always a chance of rain. This year's Earth Day Festival was no exception. The days leading up to the event were filled with scattered glimmers of sun and lingering rain showers, but we were all hopeful for the ever-elusive, perfect sunny day.

This being my first large PEEC event for which I am responsible...I was most definitely hoping for warm weather and blue skies. Unfortunately, I was dealt a rainy and soggy day.

With a rainy day in mind, I had an early start to my day in order to make final preparations. Within short order, the campus was busy with volunteers and staff preparing their stations and welcoming vendors. Eventually the time came when visitors began to arrive.

Visitors came and went as the day went on, with a few families making a day out of the festivities. We had roughly 250 people visit us during the Earth Day Festival. I was very happy to see a good turnout, considering the weather. We heard many good things from visitors and saw many happy smiles.

Next year, I plan on continuing many of the favorite activities and also hope to bring some new festival ideas. I can only hope that next year will bring us a sunny warm day and many new visitors.





## A Snapshot of History

By Allison Owczarczak



The Delaware Water Gap Natural Recreation Area (DWGNRA) has had a rich cultural tapestry, from thousands of years of Native American presence to farmers and everyday families, Vaudeville actors and artists, summer camps to honeymoon resorts. The valley and surrounding hills attracted a wide variety of people, including one hermit.

What is now DWGNRA was also a place of conflicts, ranging from the repercussions of the Walking Purchase Treaty of 1737 and the Battles of Minisink and Conashaugh to the more recent Tocks Island Dam boondoggle. As well, the region had been a peaceful vacation and resort mecca, in addition to having its share of movie locations.

As this National Recreation Area is most known for the river and its trails, it also has history that should not be overlooked. For more information on the people and places of the park, pick up these suggested books: [The Story of River Road](#) by William F. Henn, [Images of America Series: Dingmans Ferry](#) and [Delaware Water Gap National Recreation Area: A History of Pike County](#) by Norman B. Lehle.



## Support PEEC and Receive PA Tax Credits!

By Flo Mauro



As a Pennsylvania business, do you pay too much in taxes? PEEC can help you and you can help PEEC. You can support PEEC financially and receive a substantial PA tax credit through the PA Educational Improvement Tax Credit Program ("EITC").

PA businesses who contribute to PEEC under EITC are eligible for a tax credit equal to 75% of their contribution for a one year commitment and 90% of the contribution if the business agrees to provide the same support for two consecutive tax years.

From a PA tax perspective this is significantly more attractive to a business than a simple contribution. If your business makes an ordinary contribution to PEEC of \$10,000, it would provide \$10,000 to PEEC and reduce its income by \$10,000, with a resultant saving of \$999 in PA taxes, assuming a 9.9% corporate tax rate. **Under the EITC program, that same donation of \$10,000 would result in direct credit against taxes paid to the Commonwealth of \$7,500 to \$9,000.**

This is an amazing program offered to PA businesses to support their local non-profit educational institutions. If you would like to discuss further, please call PEEC and speak with Flo Mauro or Jeff Rosalsky. **Call now - Applications for EITC credits are due July 1, 2011** and are awarded on a first come first served basis. Businesses may also want to consult their tax professionals.

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## What's in Season? Believe it or not... Broccoli

By Heidi C. Normand



I bet that when you think about veggies that are in season in June, you don't think about broccoli.

Right?  
Me too.

And do you know why?

Because we see it in supermarkets all year long!

Because of that, most of us are used to broccoli that has thin flavor, squishy texture, and is overcooked easily. But June -- July and September -- November are prime broccoli seasons in PA. You can purchase local broccoli from a farmer, through a farmers market, or through a supermarket that stocks local produce. If you do, try roasting it to bring out its inherent sweetness. Seasoned with garlic, crushed red chili, olive oil, and a bit of maple syrup, it will caramelize and soften, but still keep some of its crunch. Don't feel like putting the oven on during the day? Roast it the night before when it is cooler and chill. The next day, toss it in a green salad and serve with steak or BBQ chicken.

Regardless of how you prepare it...make sure you incorporate local, fresh broccoli into your early summer cooking. Just don't boil it to within an inch of its proverbial "life" or you will lose all that is so special about a vegetable we so often pass by.



Photo By Heidi Normand

### Roasted Broccoli

Head of Broccoli (cut up in bite size pieces)  
Olive Oil  
Maple Syrup  
Soy Sauce  
Fresh Garlic Cloves  
Crushed Red Pepper Flakes  
Chopped Fresh Chives

Preheat oven to 300 degrees F.

Toss the broccoli florets in the oil, syrup, and soy to coat. The amount of syrup and soy you use is up to you. Mixed with the oil; the mixture should lightly coat all the pieces to a slight sheen. Next, toss in finely chopped fresh garlic and pepper flakes to taste.

Once oven is to temp, dump the broccoli in a single layer onto a baking sheet and roast in the oven till soft, but still firm. It will be ready when the tops of the florets start to caramelize and turn dark brown. I personally like mine a bit well done, but as broccoli can be eaten raw, the amount you cook them is up to you.

Sprinkle with chives and serve.

Serve hot as a side dish on its own or toss in a salad once cool.

Leftovers (if there are any) last a few days refrigerated.

## I BRAKE FOR BUTTERFLIES AND OTHER BUMPER STICKERISMS

By Mariann Oswald

### THINK GREEN

Be the change you wish to see in the world.

The earth is not ours, we are the earth's.

We don't inherit the world from our parents, we borrow it from our children.

There is no planet b.

So -- stop destroying the planet, it's where I keep my stuff.

### NATURE

Nature. The ultimate reality.

It recycles everything.

Get into it -- who needs tv.

It's nature time, not prime time.

There's no time like dirt time.

Get high on nature.

Nature rocks!

### FOOTPRINTS

My other car is my feet.

Going to the woods is going home.

Just wander.

Take nothing but pictures,

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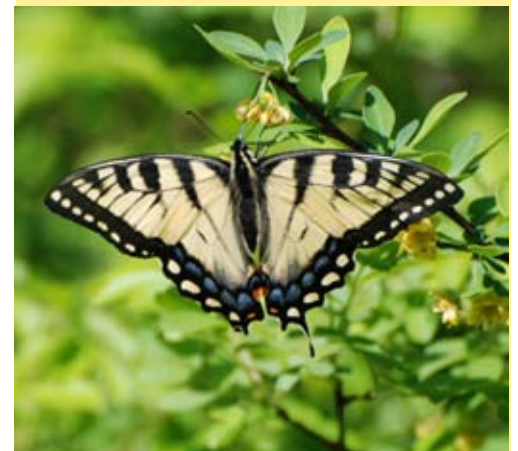
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## The Renovation of Cabin 3

By Ted Wetzel

After seeing how nice Cabin 2 and Main Building Room 1 looked, we decided to renovate Cabin 3. This was much more of a challenge than Cabin 2 because we decided to not only redo the main room, but the bathroom as well. In the bathroom, we added two showers with changing rooms, relocated the toilet for more privacy, and added two sinks and vanities. In the main room, we put up new paneling & better lighting, stained the bed frames, and painted the ceiling. New outlets and switches were put in, new doors were added to the closet and the bathroom, and the front entrance way was finished off with a new wood-look vinyl floor. The cabin also has a gas on-demand water heater for energy conservation.



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## Fishing at PEEC: Fun for All Ages

By Will Rode

This past year, the Pocono Environmental Education Center (PEEC) started offering fishing programs for our visitors. The classes are designed to teach people how to fish responsibly. Last summer, some of PEEC's staff members, including myself, attended a Pennsylvania Fish and Boat Commission's fishing skills instructor training, where we learned how to teach fishing programs successfully. The program was implemented shortly thereafter - PEEC Summer Camp Junior Naturalist program started us off with a week focused on fishing. By the end of the week, they were able to tie fishing knots on their own, bait their own hooks, and even take the caught fish off the hook. After that, all of our Family Nature Getaway weekends have had fishing classes offered, with great success. This program has great potential to be one of PEEC's most popular programs in the future.

Fishing at PEEC is great! We have a wide variety of fish in our nearby ponds – there are small pan fish, large bass, and everything in between. There are some other local areas that are decent places to fish as well, like Milford Pond, Camp Akenac, and the Delaware River. These locations are great for all ages and experience levels. If you are a novice, Milford Pond is really good to fish because it is nice and open without a lot of hazards to catch your line. It is also good for people with a little bit more experience, because the size of the place offers a lot of good spots for fish to hide. As a fisherman, it's important to think about where the fish are hiding. Camp Akenac is good for beginners as well, because of its openness and ease of catching a fish there - like Milford pond. The Delaware River is good to just stroll along the river or even fish from shore at the locations that allow fishing. By strolling down the river on a warm summer or spring day, you are bound to catch something. The river adds more difficulty than the other two places and I would recommend you have some experience with fishing on the river. Because of the moving water and the hazard trees along the river, it's better to know what you're doing. All these locations offer a wide variety of fish, just like at PEEC.

The program at PEEC really took off last year,

but this year we are taking it to a new level by offering it to the public. We had several day programs where it was open to anyone that wanted to come. This program is designed for all ages and all levels of experiences. Anyone that wants to learn some new useful tips is welcome to stop out. If you have never fished before, you can learn the basics and maybe catch your very first fish! This has happened on more than one occasion since this program has been going on. The main goal of our fishing programs is to teach people how to fish responsibly. Fishing here at PEEC can be great fun with the family, whether it's during a fishing program or just on your own time.

Because there is so much beauty to be had here at PEEC, even if the fish aren't biting you will still have good time enjoying nature. If the fish aren't biting, then there are frogs and salamanders to look at as well!

With the program being a success so far with the public, there are a few avenues PEEC can take for the future, but since the program is still in its infancy we want to see how popular it becomes before we make any decisions. One thing is for sure - this program has loads of potential to become very popular with families. PEEC's next public fishing program is on Saturday, September 24. Come on out and join





## The Weinberg Foundation

By Flo Mauro

In December 2005 PEEC was awarded a \$500,000 'top off' Capital Grant from the Harry & Jeannette Weinberg Foundation that bridged the funding gap needed to complete PEEC's \$5.2M Capital Project that included the new Dining Hall.

In March 2011 PEEC was awarded a \$50,000 Grant from the Harry & Jeanette Weinberg Foundation, Inc. but for a very different project. The Weinberg Foundation's \$50,000 Program Grant will support PEEC's Growing Green special needs summer residential camp and family respite program for children and young adults in NE Pennsylvania. We knew that our Growing Green program was an appropriate match for a Weinberg Foundation Program Grant. Their support is validation that our Growing Green is an exceptional program that clearly aligns with the **Weinberg Foundation's Vision: "Independence & Integration for People with Intellectual, Physical, and Sensory Disabilities"**.

The Foundation supports organizations and programs that respect the independence, individual choice, and civil rights of children and adults with intellectual, physical, and sensory disabilities as necessary preconditions for a good life. The Foundation wants to support innovative services and support systems designed to enable people with multiple

us! disabilities to live a life of their own choosing in the community--not in segregated, institutional, or warehouse settings with low expectations. A life of their own choosing means achieving independence, self-respect, and self-satisfaction at school, home, and work to the greatest degree possible.

The Foundation wants to encourage people without disabilities to have personal experiences with people who have disabilities to extinguish fear, stereotypes, and misconceptions. The most significant barriers to an integrated society may not be the social dysfunction of people with intellectual disabilities but the blinkered and calloused hearts and minds that cannot see the person behind the disability. One mother of a child with disabilities said: "my son now has all the rights the Americans with Disabilities Act could possibly secure for him, but he still does not have a friend." The Foundation seeks programs that can show evidence that people with and without disabilities want to spend time with each other (social networks) such as in social programs in the community (where people meet)--not in day centers. "Community" is an experience, not merely a location. ([www.hjweinbergfoundation.org](http://www.hjweinbergfoundation.org)).

Growing Green, now in its second year, is a unique residential summer camp for children with special needs that partners PEEC and

Easter Seals Eastern Pennsylvania (ESEPA); PEEC provides environmental education and recreation programs and ESEPA provides services to people with special needs.

The Growing Green summer resident camp program provides hands on education for children with autism to assist them; in becoming comfortable in the outdoors, to appreciate the outdoors, and to learn basic gardening and trail maintenance skills as well as life skills. The Growing Green Family Respite Program takes the summer camp processes a step further and fully integrates the parents and the entire family of the special needs children in the learning process. Growing Green campers, staff and families are fully integrated into all PEEC activities during their time with us.

We are truly grateful to the Trustees of the Weinberg Foundation for their generous contribution.

For information about the Weinberg Foundation please visit:  
[www.hjweinbergfoundation.org](http://www.hjweinbergfoundation.org)

For information about PEEC and Growing Green please visit:  
[www.peec.org/pdfs/growinggreen.pdf](http://www.peec.org/pdfs/growinggreen.pdf)



## The Red Spotted Newt

By Molly Check

The eastern newt, *Notophthalmus viridescens*, is locally known as a regional subspecies, the red-spotted newt. Like many other amphibians, its lifestyle involves both terrestrial and aquatic phases. The adults tend to breed in permanent or semi-permanent water bodies, including lakes, ponds, reservoirs, ditches, swamps, marshes, and slow moving streams or canals. During the breeding season, female red-spotted newts carry hundreds of eggs while searching for a prospective mate. Egg-laying occurs from early spring into June. Although the clutch count can average 250 eggs, females only lay a few eggs per day - the process may take several weeks! The individual eggs are scattered widely throughout the aquatic habitat. Care is taken to wrap each egg inside an underwater leaf and cover it with bits of vegetation, which is why an online photo search for “red spotted newt

eggs” is futile. In late summer or early fall, the hatched larvae transform into aquatic subadults. The newts then undergo a major lifestyle change – they leave the water to become land dwelling eft. Their bright orange skin is sure to catch some eyes along the forest trail, especially after a rainstorm draws them out from their hiding spots. Adult newts return to the water after a few years and their skin transforms into an olive brown coat with a yellow belly - the red spots are evident during either phase. These voracious feeders will prey on worms, insects, small crustaceans, mollusks, amphibian eggs, larvae, and fish eggs. Most predators avoid them because their skin secretes a toxic substance, but humans are able to handle them safely. Just be sure that your hands are moist and free of bug spray or sunscreen, because their skin is porous and very sensitive.



## IS THAT A BULLFROG OR A GREEN FROG?

Look for the dorsolateral ridge that begins behind the eye and runs down the body of the green frog. The bullfrog doesn't have one.



Bull Frog – *Rana catesbeiana*



Green Frog – *Rana clamitans*



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## Amphibians – Frogs & Toads



### Bullfrog

*Rana catesbeiana*

- Smooth skin with NO ridges down back
- Largest frog in North America - can eat small birds and snakes
- Deep pitched “jug o’rum” call can be heard over ¼ of a mile



### Green frog

*Rana clamitans*

- Green, bronze or brown body
- Dorsolateral ridges begin at eyes and run down body
- Voice sounds like twang of a loose banjo string



### Spring peeper

*Pseudacris crucifer*

- Tiny tree frog less than an inch long
- Tan or brown body with dark X on back
- Voice is a musical blend of peeps, whistles, bells and trills



### Gray tree frog

*Hyla versicolor*

- Rough skin can be green, brown or gray, with dark splotches
- Nocturnal frog lives in trees and descends at night to call or breed
- Call is a hearty, resonating trill heard during spring and summer



### American toad

*Bufo americanus*

- Brown warts on black spots cover body
- Nocturnal hunter of many insects
- Has a pleasant, musical trill lasting up to 30 seconds



### Wood frog

*Rana sylvatica*

- Prominent dark mask that ends at eardrum
- Ventures far from water during summer
- Diurnal frog with a series of short, raspy quacks



### Pickerel frog

*Rana palustris*

- Parallel rows of dark, rectangular blotches
- Has a skin secretion that discourages predators
- Nocturnal frog with a steady, low croak





# SUMMER PROGRAMS AND GETAWAYS

Join PEEC for one or more of our fantastic outdoor programs!

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

## TO REGISTER:

Call PEEC at 570-828-2319  
with credit card information available  
Or download application: [www.peec.org/pdfs/PEECProgramRegistration.pdf](http://www.peec.org/pdfs/PEECProgramRegistration.pdf)

## JULY

### 4TH OF JULY FAMILY NATURE CAMP

July 1-4, 2011  
Cost: Adults \$190 / Discounts for children 10 & under\*

Bring your friends and family to experience the best of what PEEC has to offer. Night hikes, animal presentations, swimming, canoeing, fireworks, campfire and more! Price includes 3 nights lodging & meals from Friday dinner to Monday lunch. Commuter and day rates available – call for details.

### INTRODUCTION TO MACRO PHOTOGRAPHY

Saturday, July 9, 2011 | 9am – 4pm  
Cost: \$65 / lunch available for \$8.50  
Macro photography captures the intimate details of the natural world. This is a beginner level class that teaches the basics of up-close photography. John Jose, from Otter Creek EE Services, will lead this exciting new class.



### SUNDAY FOR SINGLES

Sunday, July 10, 2011 | 1-3pm  
Cost: FREE

This monthly hike is all about meeting new people & exploring nature.

### DRUM MAKING WORKSHOP

July 15 - 17, 2011 | 3-6pm registration  
Cost: \$325

Master drummer, Maxwell Kofi Donkor, will lead you through the steps of making your own drum, from selecting the natural materials to soaking the skins to heading the shells. Enjoy introductory drumming lessons, sunrise drumming, historical drumming culture and more! This amazing weekend includes 2 nights of lodging and 6 delicious meals. No experience necessary. Call to reserve a spot!

### FROG FRENZY I

Saturday, July 16, 2011 | 9am-12pm  
Cost: \$5

Join us for a fun morning at the ponds and streams. Learn about some of our frog friends as we gently catch and release these hopping amphibians. Wear boots and plan on getting a little wet & muddy!

### INTRODUCTION TO CANOEING

Sunday, July 17, 2011 | 1-4pm  
Cost: \$5

Enjoy a summer afternoon at Pickerel Pond. Beginners are welcome — we teach you everything you need to know. Dress appropriately — you may get wet. Call to reserve your spot in a canoe.

### PEEC'S 10TH ANNUAL GOLF OUTING

Tuesday, July 19, 2011  
Join us for a great day of golf at the historic Shawnee Inn & Golf Resort. 8:00am Check-In & Registration, 9:00am Shotgun Start, 1:30pm Cook-Out Luncheon. Call PEEC for further information or to register. Proceeds benefit PEEC's education programs.

### NATURE AT NIGHT

Saturday, July 23, 2011 | 8-10pm  
Cost: FREE

Join us for an exciting hike through the darkening forest. Look at the stars, listen for owls, and enjoy fun activities that strengthen your night vision.

### INTRODUCTION TO CANOEING

Sunday, July 24, 2011 | 1-4pm  
Cost: \$5

Enjoy a summer afternoon at Pickerel Pond. Beginners are welcome – we teach you everything you need to know. Dress appropriately – you may get wet. Call to reserve your spot in a canoe.



### SUMMER WATERFALL TOUR

Saturday, July 30, 2011 | 1-5pm  
Cost: \$20

Join us as we explore nearby waterfalls. Bring a camera and keep your eyes open for wildlife. Call to reserve a seat in the van.

## AUGUST

### FAMILY NATURE CAMP

"Dog Days of Summer"  
August 5-7, 2011  
Cost: Adults \$175 / Discounts for children 10 & under\*

Bring your friends and family to experience the best of what PEEC has to offer. Interpretive hikes, animal presentations, swimming, canoeing, tie-dye, campfire and more! Price includes two nights lodging & meals from Friday dinner to Sunday lunch. Commuter and day rates available – call for details.

### POCONO QUILT CAMP I

August 12 – 14, 2011  
Cost: \$195 / \$145 commuter rate  
Join Patti Shreiner for a relaxing weekend at the 10th annual quilt camp. Work on an unfinished project or begin something new! This weekend includes two nights of lodging and six meals. Check out Quilt Camp II for an extended stay.

### FULL MOON DRUMMING WORKSHOP

Saturday, August 13, 2011 | 7-10pm  
Cost: \$30 adult / \$15 child

Master drummer, Maxwell Kofi Donkor, is back for another unforgettable experience. Enjoy an introductory lesson and a drumming circle under the full moon. This peaceful evening teaches the basics of drumming and its rich cultural heritage. No experience necessary. Call to reserve a drum!

## POCONO QUILT CAMP II

August 14 - 19, 2011

Cost: 395 / \$345 commuter rate

Join Patti Shreiner for a relaxing week at the 10th annual quilt camp. Beginners are always welcome to come and learn. This week includes five nights of lodging and 18 meals. Check out Quilt Camp I for a longer stay.

## FROG FRENZY II

Saturday, August 20, 2011 | 1-4pm

Cost: \$5

Join us for a fun afternoon at the ponds and streams. Learn about some of our frog friends as we gently catch and release these hopping amphibians. Wear boots and plan on getting a little wet & muddy!

## NATURE AT NIGHT

FREE FOR MEMBERS

Saturday, August 20, 2011 | 7-9pm

Cost: \$5 non-members

A warm summer evening is the perfect time to head outside. Take a walk in the woods to listen for owls, look at stars, and enjoy the music of the night.

## SUNDAY FOR SINGLES

Sunday, August 21, 2011 | 1-3pm

Cost: FREE

This monthly hike is all about meeting new people and exploring nature together.

## FLIP FLOP FUNDRAISER

Saturday, August 27, 2011 | 7-10pm

Cost: \$75

Nibble and sip your way through the night at our Informally Formal Fundraiser. Dress up or dress down - gowns, jeans, tees and ties are all welcome! Enjoy delicious finger foods & drinks while you check out our silent auction. The auction features local art and PEEC staff-led excursions that include canoeing, birding, the low ropes course, and more.



## SEPTEMBER

### LABOR DAY FAMILY NATURE CAMP

"Migrate to PEEC"

September 2-5, 2011

Adults \$190 / Discounts for children 10 & under\*

Bring your friends and family to experience the best of what PEEC has to offer. Interpretive hikes, fishing, swimming, campfire cooking, tie-dye, canoeing and more! Price includes 3 nights lodging & meals from Friday dinner to Monday lunch. Commuter and day rates available - call for details.



### HARVEST FESTIVAL

Saturday, September 10, 2011 | 10am-4pm

\$5 per car

Celebrate Fall at PEEC's 1st Annual Harvest Fest! Enjoy animal presenters, arts and crafts, interpretive hikes, hands-on learning stations, conservation exhibits, live music, local food, beverages, and much more. Bring your family and friends to this great event! Pre-registration NOT required.

### FOSSIL TRAIL HIKE

Saturday, September 17, 2011 | 9am-11am

FREE for members | \$5 for non-members

Take a hike in the woods. This 1.25 mile trail passes a vernal pool that is important for breeding amphibians & then descends into a mature hardwood ravine. Look at fossils along the way. Moderate - strenuous.

### INTRODUCTION TO CANOEING

Sunday, September 18, 2011 | 9am-12pm

\$5 per person

Enjoy the last weekend of summer with a canoe paddle across our pond! Beginners are welcome - we teach you everything you need to know. Please dress appropriately - you may get wet. Call to reserve your spot in a canoe.

## SUNDAY FOR SINGLES

Sunday, September 18, 2011 | 1-3pm

FREE admission

This monthly hike is all about meeting new people & exploring nature.

## BIRD MIGRATION WEEKEND

September 23-25, 2011

\$195 per person

Spend the weekend in search of warblers, raptors and other migrating birds. Enjoy day trips to Sunrise Mountain & other migration hotspots, guided bird walks around campus, live raptor presentations and more. The weekend includes 2 nights lodging & 6 delicious meals. Call now to register!

## TRICKY TRAY

Saturday, September 24, 2011

11am - 3pm

FREE admission

Check out hundreds of available items at PEEC's tricky tray! Buy tickets for various amounts & bid on your favorite items. Proceeds benefit PEEC's education programs. Snacks available. Calling starts at 1:30pm.

## INTRODUCTION TO FISHING

Saturday, September 24, 2011

10am-12pm

\$5 per child

Learn the basics of fishing! We provide the equipment and teach you everything you need to know. Practice on land and then head to the pond to try your luck. Supervised children only, please - ages 7-15. No fishing licenses required. Spaces limited. Call to reserve your spot!

## FUNGUS AMONG US

Sunday, September 25, 2011

1-4pm

\$5 per person

Search for fungus and lichen as you learn about the amazing world of decomposition and nutrient cycling. Look for bright yellow Witches Butter and tiny British Soldiers as you explore the forests. Take a lichen to fungus!







## OCTOBER

### RAPTOR WATCHING

Saturday, October 1, 2011 | 9am – 4pm  
\$20 per person

The hawks, eagles and falcons are migrating! Join us for a day of raptor watching at Sunrise Mountain. Dress in warm layers & bring a folding chair, binoculars, water and snacks. Space limited - call to reserve a spot in the van. Bag lunches are available at no charge, if requested by September 24.

### NATURE AT NIGHT

Saturday, October 1, 2011 | 6-8pm  
FREE for members / \$5 for non-members  
A cool fall evening is the perfect time to head outside. Take a walk in the woods to listen for owls, look at stars & enjoy the music of the night.

### COLUMBUS DAY FAMILY NATURE CAMP “Falling Leaves”

October 7-10, 2011  
Adults \$190 / Discounts for children 10 & under\*  
Bring your friends and family to experience the best of what PEEC has to offer. Interpretive hikes, animal presentations, canoeing, tie-dye, campfire, square dance and more! Price includes 3 nights lodging & meals from Friday dinner to Monday lunch. Commuter & day rates available – call for details.

### FALLING LEAVES TREE ID

Saturday, October 8, 2011 | 1-4pm  
\$10 - adults only, please.  
Fall is here and the leaves are changing! Enjoy an interpretive hike that focuses on trees & their colorful leaves. Call now to register!

### FALL PHOTOGRAPHY I

October 14-16, 2011  
\$250 / Includes 2 nights lodging and 6 meals.  
Capture beautiful fall colors with professional photographer, John Barclay. Learn about exposure, composition and more. Geared towards DSLR type cameras. A tripod is recommended, but not required.

### ‘GHOST BIRD’ DOCUMENTARY

Saturday, October 15, 2011 | 7-9pm  
\$10 admission  
PEEC is proud to join Cinema for Conservation by showcasing a film that tells the remarkable story of the Ivory Billed Woodpecker. This documentary has won awards at film festivals across the country. Don't miss this wonderful evening! Enjoy complimentary drinks and dessert.

### FALL PHOTOGRAPHY II

October 21-23, 2011  
\$250 / Includes 2 nights lodging and 6 meals.  
Professional photographer Ray Klass works with you through the entire digital photography process, from taking the picture to altering it. Participants are encouraged, but not required, to bring a laptop with Photoshop.



### COMMUNITY POTLUCK DINNER

Saturday, October 22, 2011 | 6-9pm  
FREE admission  
Bring your favorite dish to share at our Harvest Moon potluck dinner! After-dinner, enjoy a canoe paddle on the pond & a telescope for viewing the night sky. Bring your family & friends to enjoy a wonderful evening.

### SUNDAY FOR SINGLES

Sunday, October 23, 2011 | 1-3pm  
FREE admission  
This monthly hike is all about meeting new people & exploring nature.

### PEECA BOO

Saturday, October 29, 2011 | 4-7pm  
\$5 per child  
Join us for some Halloween festivities! This non-scary, family-oriented trail is fun and educational. Refreshments available. Rain date: Sunday, October 30

## NOVEMBER

### GIRL SCOUT BADGE FEST

Saturday, November 5 | 9am-4pm  
\$12 half day / \$20 full day / \$8.50 lunch  
Attention all Girl Scouts! Come to PEEC for a fun day of badge work. Earn badges while working outside in the beautiful Pocono Mountains. Call early to register - sessions fill up quickly.

### GAME DINNER

Saturday, November 5, 2011 | 7-9pm  
\$25 admission  
Enjoy the bounty of the season! This dinner features Pennsylvania game and seasonal harvests, cooked to perfection. Bring your friends and family to enjoy this cozy evening. PEEC will provide some refreshments. Please BYOB. Tickets sold out last year. Call now for reservations!

### FLYING NEEDLES QUILT CAMP

November 10-13, 2011  
\$250 / \$200 commuter rate  
All Unfinished Objects and fiber arts are welcome! Join Patti Schreiner for a relaxing weekend in the beautiful Pocono Mountains. Beginners are always encouraged to join! Includes 3 nights lodging & 9 meals.

### INTRODUCTION TO SCRAPBOOKING

Saturday, November 12, 2011 | 10am-4pm  
\$20 per person  
Explore the beautiful natural areas around PEEC for inspiration & materials to use for creative scrapbooks, cards, boxes, party favors and more!

### BOY SCOUT BADGE FEST

Saturday, November 12, 2011 | 9am-4pm  
\$12 half day / \$20 full day / \$8.50 lunch  
Attention all Boy Scouts! Come to PEEC for a fun day of badge work. Earn badges while working outside in the beautiful Pocono Mountains. Call early to register - sessions fill up quickly.

### HOLIDAY BOWS AND BOUGHS

Sunday, November 13, 2011 | 2-4pm  
\$10 per person  
Create your own holiday decorations using natural materials. We provide evergreen boughs, grape vines and other plants for you to make wreaths, centerpieces and more. Pre-registration required.



**PEEC** Pocono Environmental  
Education Center

# 10<sup>th</sup> ANNUAL Golf Outing FORE! PEEC



Jackie Gleason and Arnold Palmer  
playing golf at Shawnee Inn & Golf Resort

**Tuesday, July 19, 2011**

**SHAWNEE INN & GOLF RESORT  
SHAWNEE ON DELAWARE, PA**

**\$125 per golfer on or before July 15, 2011**

**\$140 per golfer on site, July 19, 2011**

*Includes continental breakfast, lunch, prizes, green fees, and cart*

**570-828-2319 • [www.peec.org/golf](http://www.peec.org/golf) • [peec@peec.org](mailto:peec@peec.org)**