



Penns Valley Conservation Association

www.pennsvalley.net

SPRING 2014



PVCA in the Penns Valley Schools

--By Jim Flanagan, Environmental Education
Coordinator--

The PVCA Environmental Day Field Trips are in full swing, with kindergarten through 6th grades visiting some of Centre County's fantastic outdoor education resources. This spring has been a busy time preparing for the trips and working with students at the schools.

During one of the visits to a 6th grade class, students compared two sets of soils from the Penns Valley Environmental Center – some from under evergreens and some from an area dominated by deciduous trees. They were able to dig through the soils to compare texture, color, and basic composition. They enjoyed getting their hands dirty and learned some important soil facts. Did you know that healthy soil is made up of 45% minerals, 25% air, 25% water and only 5% organic material?

We were also able to spend a couple of days at Centre Hall Elementary playing environmentally-themed educational games with students from Centre Hall and Rebersburg Elementary. The games explored the relationships between predators and prey as

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PVCA's 4th Annual Riversongs Festival

--By Barbara Lange--

We had a beautiful spring day for PVCA's annual Riversongs celebration on April 27th. As always, the event showcased some wonderful local musical talent and served as a fundraiser for PVCA's work in the watershed.

A special thank you goes out to Tim Bowser and the entire staff of Elk Creek Café for hosting and to Gary Gyekis for the planning of this annual musical event. PVCA is grateful for all the hard work and dedication that these two long-time members do for the community and PVCA.

Thank you also to all of the talented musicians who donated their time and energy to make Riversongs what it is – a musical celebration! A special thank you goes out to Lux Bridge, The Poe Valley Troubadours and the Up Texas Choir.

We also had generous support from area businesses as sponsors for this year's Riversongs: Bobbie's Kitchen, Martin's Feed Mill, Nature's Pantry, Nittany Lawns and Landscape Maintenance, Murry's Family Farmed Chickens, Aaronsburg Pottery, Long Lane Flowers, Purple Lizard Maps, Second Mountain Healing, Be Well Associates, trail2creek.com, Millheim Small Engine & Hardware, Burkholder's Market, Wolfpack Design, IngleBean Coffee House, boyergenius.net, Bryant & Cantorna law office, Creative Design & Printing, and Fell Design.

Tickets for a 50/50 drawing were sold during the festival. The winner splits the "kitty" with

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President's Column

--by Jim Zubler--

Placing the long and colder than average winter in the rearview, Penns Valley Conservation Association members and supporters celebrated together at the Third Annual Riversongs at the Elk Creek Café. The afternoon of merriment was preceded by a morning of labor the day before, cleaning-up the Valley and helping to improve overall water quality at our annual Stream Cleanup.

Quality improvements are in abundance as we continue work with private landowners and our many partner organizations and agencies on the Young Forest Stewardship Project on Muddy Creek in Georges Valley. A new effort to enhance a tributary of Elk Creek was recently bid with work projected to begin later this summer. Additionally, Best Management Practices (BMP's) are being employed on four other farms in the Valley.

This spring we celebrate the awarding of a Federal Communications Commission license to begin establishment of a low power FM Radio Station with the call letters WSOV, the "Sound Of the Valleys"! Look for event announcements supporting the Radio Station at your favorite venues through the year.

Spring heralds an active schedule for environmental education with no less than 15 school field trips to local and regional centers including our own Muddy Paws Marsh, Mountainside Homestead, RB Winter State Park, Millbrook Marsh and the PSU Arboretum offering students exposure to a diverse range of environmental subjects and issues.

These educational programs and our other multi-faceted presentations require a small army of volunteers who unselfishly give of themselves to assist our Executive Director, Andrea Ferich and Environmental Education Coordinator, Jim Flanagan in making our community better. A wonderful gift and a cause for Celebration!

Thank you for being a great steward of the Valley.

--Jim

PVCA's Mission and Vision

PVCA serves as a steward for the natural and cultural communities in the Upper Penns Creek Watershed. We seek to preserve and honor the agricultural roots of Penns Valley by protecting and conserving its waters, farmlands, forests, and rural heritage.

PVCA envisions an engaged community, where growth is balanced with support for healthy natural systems that foster the local economy. Our Valley has dark night skies, clear streams, healthy forests, prosperous farms, and local jobs.

Environmental Ed., Continued from p. 1

well as the impacts people and environmental changes have on deer populations and bird migrations. For example, the bird migration games demonstrated the perils birds have on their long journeys from their winter homes, through stopover places and to their nesting sites. These dangers included cats, windmills, storms, habitat loss and human impacts. The game also explored how people can positively impact the success of bird migrations by being good stewards of the environment, including restoring wetlands, keeping the watershed clean and planting native trees. The students enjoyed the fast paced games and learned that they are part of the overall environment and that their actions matter.

The Environmental Day Field Trips will be very exciting this year and will highlight the curriculum for each grade. At two of the sites, Muddy Paws Marsh and Millbrook Marsh, students will learn the role marshes play as natural filters in the watershed. They will also explore topics such as seed dispersal, pollination, and how the macro-invertebrates found in the water can help scientists determine the health of the watershed. These programs are designed to get students to interact directly with the environment around them and to more fully understand how we are connected as well as how our actions directly and indirectly impact the world in which we live.

At Mountainside Homestead, kindergarteners will learn what it is like to live on a modern homestead. They will visit with the animals in the pastures, learn about composting and have the opportunity to plant their own garden plot. In the fall, we hope to bring the bounty of their plantings to their 1st grade classroom. It will be a great opportunity for the students to learn where their food comes from.

There are two other sites that the students will visit: R.B. Winter State Park and The Penn State University (PSU) Air Quality Center and Arboretum. The R.B. Winter program is for 6th graders and will explore native Pennsylvania



flora and fauna as well as taking a more in-depth look at how water moves through a watershed. The PSU visit will bring students up close to the birds migrating through and nesting in Centre County at a bird banding station. Students will also walk around the Arboretum and discover the variety of plants found there. During the trip that occurred before this article went to print, over 40 birds were banded throughout the morning and the Penns Valley Students were there to see a variety of birds, including a thrush, a flicker and a dove.

Through Environmental Days and classroom visits, PVCA engages students with hands-on, interactive, and place-based activities that enhance their overall education and appreciation of the local and global environment.

*Would you like to help with Environmental Days or other Education Activities? Contact
Jim Flanagan –
pvcaeducator@pennsvalley.net or
862-202-9063*

**JOIN US FOR THE JUNE
SECOND SATURDAY
COMMUNITY DAY!**

***Exploring Macroinvertebrates
June 14th 2—4pm
Meet at Coburn Park***

*Be ready to get in the water or observe
from the side as we explore the
macroinvertebrates of Penns, Elk, and Pine
Creeks and learn what these critters mean
for our waterways.*

Maple Syrup, Backyard Livestock, and More at Mountainside Homestead's Second Saturday Event

--By Beth Gross--

A sunny March day in the mid-forties brought out around 30 people to Mountainside Homestead, home of Dan and Kathy Shimp, for PVCA's "Second Saturday" educational event. Located on seven acres off Pine Creek road in Woodward, Mountainside is a diversified homestead farm that enables the Shimps to produce nearly all of their own food. The farm tour covered an impressive array of topics including maple syrup production, smoke-curing, the care and management of their many types of livestock, humanure composting, and their garden. Mountainside's practices are connected by an overall ecological approach that guides the design choices for their homestead and lifestyle.

Dan began the afternoon by introducing why they choose to homestead and grow most of their own food: their goals are to minimize their impact on the earth as well as their inputs from outside of the farm. Dan's approach can be summed up as the principle of reuse: everything that can be composted, is -- which means everything that has once been alive. Manmade objects are recycled or saved to be repurposed. As an example, Dan pointed out the smoke chimney on the maple syrup evaporator, which he crafted from metal parts that had been kept and saved. To support their homesteading, they barter and trade extensively with their neighbor farmers in the community, and they estimate most of their food and supplies come from within a 5 mile radius.

The tour began at the maple syrup evaporator situated under an open-air pavilion at the top of the hillside. Fragrant steam from the heated maple sap wafted through the air, and visitors who were chilly gathered around to soak in some extra heat. The season's sap had just started running, and Dan pointed out the maples near the house and up the mountain slope where they had placed taps.



The collected sap is heated in the evaporator, where it flows down through five 5 successive chambers as its concentration increased, the final stage being maple syrup. The Shimps produce maple syrup each year to serve their needs as a sweetener, to use in baking, and to sell.

The evaporator is heated by wood, and its design displays their philosophy of maximizing utility and reuse. The smokehouse is constructed next to it so the smoke from the syrup production is channeled into the smokehouse to be repurposed. They run a cold smokehouse, which does not cook the meat and which in fact can't get too hot, so temperatures in the 40's are perfect. A friend of Dan's and obviously experienced smoker demonstrated the process of hanging turkey and pork in the smoker. The meat had been prepared in brine and then well-dried so the smoke would adhere and penetrate the meat. The delicious smoked pork we sampled was testament to the quality of their operation!

As we observed the maple and smoking facilities, behind us in a pen was a mother goat with her baby kid actively exploring and scampering about. The goat pen abutted the small wooden barn at the top of the hillside. They used the barn frequently during this bitter winter to house the animals overnight for warmth. During the many nights when temperatures have dipped well below 0, the animals' body heat brings the barn to a more tolerable 15 - 20 degrees. Even the thickly

Continued on p. 7



Riversongs, continued from p. 1

PVCA. This was a first time drawing event for the organization and the lucky winner was Dave Bielanko. Dave was very generous to gift a portion of his winnings back to PVCA's WSOV, the up and coming Penns Valley community radio station.

During an intermission, PVCA announced that there is a second upcoming raffle to benefit WSOV. A homemade amp made by Gary Long and a cigar box guitar made by 10 year old Gus Tritsch are the items in the raffle. Raffle ticket sales began at the event and will be on sale until early June at the Elk Creek Café, IngleBean and Green Drake Art Gallery. The winner will be announced at the Mayfly Festival in Millheim on June 6/7th. Gus, who was accompanied by Dave Bielanko, demonstrated what you can do with the cigar box guitar. And it was LOUD!

There was a second raffle announced for a bamboo fly rod handcrafted by Jim Downes. Raffle tickets are for sale and the rod is on display at the Elk Creek Café. The drawing will be in June and the winner will be notified by phone.

Thank you to all who came out this year and we hope to see you next year for the 5th Annual Riversongs Festival!

Thank you to Centre Gives donors!

On behalf of PVCA and the membership committee, I'd like to thank the 43 people who donated \$2145 to PVCA during Centre Gives. We will reap an additional \$100 from the early bird prize (thanks Phil and Karen Yanak) and an amount yet to be determined in matching funds. Both the number of donors and the donation total were about 50% above last year. We appreciate your support of our programs.

~Best Regards, Ann Glaser



*Yes! I would like to help PVCA preserve and protect our beautiful region!
Enclosed are my 2014 tax-deductible membership dues*

\$25 – 49 Friend \$50 - 99 Supporter \$100 - 149 Benefactor \$150 - 249 Patron
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We like to thank our members and donors in our newsletter.

Name(s) to list in newsletter: _____
 I/We prefer to remain anonymous

(Please provide your name and gift recipient's name below)

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Penns Valley Conservation Association

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Get more involved! Join our active members! (Check your areas of special interest.)

Stream Improvement Publicity
 Crickfest Education

Second Saturday Community Days!

PVCA This Way

Over the last few months you may have noticed signs leading to PVCA activities, every Second Saturday of the month. Second Saturday Community Days have been very successful. In February, participants visited Muddy Paws Marsh in Spring Mills to search for signs of life and learned how to build a fire. PVCA Environmental Education Committee Members Mary Kay Williams, Dan Shimp and Jeremy Tosten were instrumental in its success. First, Dan took us through some fire building tips, which was good because it was a rather chilly day. Different types of tinder such as dryer lint and natural plants materials were used. After the fire, May Kay treated the crowd to some refreshments and most importantly we all sampled some Cooke Tavern soup, which helped warm everyone up for a stroll through the marsh. Jeremy covered some basics of tracking and the group discovered several types of scat, some deer rubbings and a few tracks. The visit just goes to show that the marsh is active at all times of year. By now the marsh is probably teeming with migratory and nesting birds. It was a great day to get out and enjoy the winter!

The Second Saturday Community Day for March brought a crowd of people to Woodward to visit Mountainside Homestead. Dan and Kathy Shimp hosted a fantastic day of events on their modern homestead. Participants were treated to an inside look at day-to-day and seasonal events on the homestead. The event started at the maple sugaring evaporator which demonstrated how the sap is slowly boiled down into maple syrup. As the sap thickens in the segmented evaporator, gravity brings the thicker sap from one end of the evaporator to the other until it is ready to be tapped and thickened on the wood burning stove. It takes about 40 gallons of sap to make 1 gallon of syrup.

The tour of the homestead brought everyone to the variety of animals on the farm including



Second Saturday Warbler Walk.

chickens, pigs, ducks, turkeys, goats, sheep, horses and a cow. The garden area was still semi-frozen, but Dan explained how his garden has been developed through trial and error and a little bit of luck. Visitors can't leave Mountainside Homestead without testing the sawdust outhouse, which fascinates folks of all ages (look for one at CrickFest). Dan and Kathy also compost everything. The composting process is an integral part of running the homestead and compost is used to mulch a variety of areas to keep the soils healthy. They use food and plant compost to feed their gardens and the humanure for mulching non-food producing areas. A few people also got a glimpse of Kathy's soap making process. They use the soap in their household and sell it under the Earth Sense Naturals brand, locally.

In April, PVCA was fortunate to have Lisa Williams of the PA Game Commission take participants on a Woodcock Walk through prime woodcock habitat the night before the Muddy Creek Second Saturday Community Day. Participants learned what to listen for and how to look for woodcocks, just after dusk. The male woodcock puts on quite a vocal show while it flies into the sky in order to attract females. This walk fit nicely with the Muddy Creek Restoration Project in Upper Georges Valley, which is part of the Young Forest Initiative and is designed to develop habitat for local flora and fauna, especially the woodcock. Lysle Sherwin of the PVCA Watershed Committee organized an afternoon of tree planting and the maintenance of previous plantings. He was pleased to see that the plantings from last year continued to flourish. As

Mountainside Homestead, cont'd from p. 4

coated sheep dog, on whom you could lose sight of your own hand up to the wrist when petting him, has been allowed to sleep in the barn this winter.

Below the house and barn complex range the fields where the animals are pastured. Dan explained the arrangement of abutting fields, each with a distinct use. The top-most field is a garden pasture that in season will be planted with vegetables for feed. The animals will forage here, their manure will fertilize the field, and their hooves will churn up the ground, helping to create fertile and healthy soil.

As we walked down through the fields to visit the pigs and sheep, we encountered several beautiful large turkeys roaming freely. These large birds were unafraid of us and mingled in our midst, the male with his gorgeous blue head and bright red wattles drawing much interest and admiration. Dan told of the trials involved in creating the right environment for a female turkey to lay her eggs. They have spurned the enclosure of the small barn and instead prefer an environment closer to their natural habitat. Dan spoke of watching a female turkey restlessly roam the nesting area he had created, but fail to lay any eggs. But once he dragged in some hemlock branches from the forest to mimic a brush pile that might be found in the woods, she promptly nested in what seemed to her a comfortable environment. This was a fascinating reminder that even though we may have domesticated animals like turkey, they have preferences for their natural environment.

The pigs rooting about in the snowy field exemplified another way the Shimps' homestead embodies the principle of reuse. The pigs are fed the food scraps from the local Elk Creek Cafe and Aleworks, a great way of recycling waste. We watched as Dan dumped several buckets of scraps into the snowy field and happy pigs scrambled over each other to root for the choicest leftovers. In the field below the pigs wandered the sheep, and



several of the children on the tour were recruited to lug the buckets and feed them. Their food includes items to naturally aid the sheep's overall health and digestion: chopped beets from the past season's garden, a few stalks of Aloe Vera plants grown by Kathy, and a splash of apple cider vinegar to benefit their gut flora.

After visiting the animals, the tour concluded with the small complex near their residence that enables them to be self-sufficient. We saw the extensive garden beds along with the cold frames that allow growing greens throughout the winter. Kathy's indoor herb garden and soap-making workshop abuts the house, and the butcher house sits on the other side next to a large fenced pen with chickens raised for eggs and for meat.

A testament to the Shimps' desire to reuse everything is the humanure composting area. The outhouse, decorated by Kathy to be attractive and cozy, holds a composting toilet, which is regularly emptied into a system of three adjoining compost bins used for the humanure process. When mixed in the right proportions with straw or weed clippings and tended to properly, the humanure compost heats up and can reach over 120 degrees, creating a perfect environment for the beneficial bacteria to transform what we typically flush down the drain into a source of fertile soil. Mountainside's homesteading setup is an impressive and orderly system, enhanced by the natural beauty of its setting, which clearly demonstrates the thought and hard work that have gone into creating a way of life that is in harmony with the environment.

Low Cost Methods for Forested Buffer Plantings

PVCA has teamed up with the Stroud Water Research Center as one of their four test areas around the mid-Atlantic region to study the success of five “Low Cost Methods for Forested Buffer Plantings.” The following description of Stroud’s Project is funded by the National Fish and Wildlife Foundation. It is implemented in test plots adjacent to the PVCA Young Forest Initiative on Harter Road, and the results will be used to guide current methods as described.

Objectives: With the high priority placed on forested buffers, having the ability to restore them in a cost-effective manner is paramount. The Pennsylvania Chesapeake Bay Watershed Implementation Plan’s milestone for forested buffers is 38,000 additional acres of forested buffers by the end of 2013. Using current methods, the cost would be approximately \$133 million. Current methods are expensive and show mixed success. Failed buffers are a significant barrier to broader adoption by landowners who are watching current and past projects’ performance. This project will develop, evaluate and demonstrate low cost methods for forest buffer establishment relative to planting seedlings.

Methods to be evaluated include:

- natural regeneration (reforestation relying on the site’s innate ability to generate trees, typically involving site preparation to increase this process),
- direct seeding (employing supplemental seed placement to aid reforestation potential), and
- live staking (using stem cuttings of various species with the ability to propagate a new plant from cuttings)
- using double rows of low stature fencing in lieu of tree shelters as means of protecting plants from deer
- using selective herbicides to release young woody plants (regardless of source) from competing forbs and grasses.

These low cost methods have potential to 1) be used in addition to current methods on new sites to increase planting success, 2) decrease the costs of reforestation if low cost methods are seen as



suitable to replace current methods partially or completely on suitable sites, 3) provide options on sites not suited to current methods (e.g., wet sites where current methods have struggled, but where live stakes could thrive, and exposed floodplain sites where floods carrying debris and/or ice impose large risks on landowner using tree shelters), and 4) provide a more affordable option to help improve the reforestation success of existing, struggling buffers. It is not assumed that USDA will currently approve any of these methods for use on CREP buffers, but unless the trials are done, USDA will lack the basis for approving their use.

Specific outputs include:

- Literature review on natural regeneration, direct seeding and live staking methods
- At least 4 sites serving as trials and demonstrations of low cost methods while also restoring or enhancing buffers
- Data on the cost-effectiveness of various low cost methods and variations of these methods
- Communicate results to appropriate audiences via conferences, workshops, earned media, newsletters, etc.
- Inform relevant agency and NGO staff about potential for these options to improve success and/or lower costs for buffer establishment, including existing, struggling buffers
- At least 30 citizens involved in conservation activities generating new insights

Broad outcomes include:

- Developing methods that can improve reforestation/afforestation success at low cost

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Thanks to all the volunteers that helped with this year's stream cleanup!

Second Saturdays, Continued from p. 6

PVCA continues to monitor and maintain this project, there is no doubt that the habitat will bring back native species as well as conserve and improve the watershed.

The PVCA Second Saturday Community Days are designed to take participants throughout the Upper Penns Creek Watershed and into the wonderful environments of Penns Valley. It is our hope to continue exploring the vast resources of this area and increase the awareness of environmental issues and importance of getting outside and engaging with the local environment and fellow community members and friends. We encourage all ages to attend future outings. If you have any ideas for future Second Saturday Community Days or want to share a talent please contact Jim Flanagan at pvcaeducator@pennsvalley.net or come to one of the Environmental Education Committee meetings to get in on the process (contact Jim Pierce jim@tilth.org). Visit the PVCA website www.pennsvalley.net to learn about upcoming events. Keep exploring.

Winter Barley Growers Wanted

New local malt house looking for farmers to partner with for 2014 winter barley contracts. Will pay a premium for barley that meets malting requirements. Can assist in sourcing seed and with any agronomic questions.

If interested, please contact Adam at 814-308-4600, or Adam@Pennsmault.com.

2014 PVCA Photo Contest

We are looking for photos of the natural and cultural beauty of the region, as well as photos of local businesses. One winner will be selected from each group for each category.

Groups: Kids (under 12), Youth (12-18), Professional, and Amateur

Categories: Forest Animal, Waterway, Farm, and Local Business/People

Winners will be featured on our new **website**, newsletter, and at the Green Drake Gallery.

E-mail digital submissions and any questions to info@pennsvalley.net

Deadline June 30th Please include:

- contact info
- which group/categories you are entering

New and old photos are encouraged. Must be taken in the Penns Valley Area. **PVCA Members** photo entry is free. Enter as many as you'd like.

Non-member photos \$5/entry (Great time to join PVCA!)

WSOV UPDATE

--By Lisa Marshall--

Work on our low-power community FM radio station, WSOV, the Sound of the Valleys, a service of PVCA, continues. At any given time there are 5-6 field recorders being used by people who have ideas for shows they want to create. (Contact Larry Wolken, larrywolken@earthlink.net if you'd like to sign up for one.) Fundraising continues as well, both in the form of The Radio Show, Live From the Brementown Ballroom, which has hosted several benefits, and in the form of a raffle of a custom-built tube amp donated by Master Luthier Gary Long, and a cigar-box guitar built by Gus Tritsch. Tickets for the raffle are available at the Green Drake, Elk Creek and the Inglebean. The drawing will be June 7th at the Mayfly Festival at 4 p.m.

The Millheim Mayfly Festival will have a WSOV radio show booth set up inside Dr. Joe's (Penns Valley Veterinary offices on Main St.) for people who want to come in and tell stories about Millheim in the "good old days". The drawing will be held there. The Mayfly Festival, organized by the Millheim Business Community and held June 6-7, is a street fair event that will feature a variety of musical events all over town, children's events, outdoor skills activities, a new mural for the old Nieman's Dept. Store, and food vendors in the Brementown Ballroom. Come join us for a great celebration of the beginning of summer!

Forested Buffer Plantings, cont'd from p. 8

- Demonstrating methods that USDA can evaluate for possible use in PA CREP and in other USDA programs
- Providing low cost methods with potential to help struggling buffers where landowners are responsible for costs to undertake remedial actions, including remediating CREP buffers so they can be re-enrolled
- By increasing reforestation success, help improve the attractiveness of the practice for adoption by others.



Owner Eliza Walton with two of her employees
(Amber Laird and Kenny Lloyd)

Agreement Signed Between Martin's Feedmill and PVCA

During the 2014 PVCA Spring Meeting Eliza Walton, owner of Martin's Feed Mill in Coburn, PA, joined us to sign a written agreement publicly to benefit PVCA members like you, PVCA, Martin's, our waterways, and the local farm economy.

PVCA is excited to announce that we have entered into a mutually beneficial agreement with Martin's Feed Mill in Coburn, PA around increasing the supply and demand of local "Watershed Friendly Products" available through Martin's Feed Mill, Business Member of PVCA 2014. In exchange for promoting and increasing supply and demand for Martin's locally grown watershed products such as birdseed, non-GMO grains, and sunflower seeds Martin's Feed Mill will donate **\$1/bag sold** to PVCA. Members of PVCA, will receive a **10% discount** for Watershed Friendly Products purchased at Martin's Feed Mill. Martin's has been providing quality grain and milling services for over 40 years to customers in and around Coburn, PA. We are grateful for this generous support and are working to develop the market for what we believe to be the only birdseed milled in Centre County.

PVCA's Mission is to serve as a steward for the natural and cultural communities in the Upper Penns Creek watershed, seeking to preserve and honor the agricultural roots of Penns Valley by protecting and conserving its waters, farmlands, forests and rural heritage.

In-Stream Monitoring Training

5 pm Thursday June 12th
Old Gregg School, Room 208
106 School St, Spring Mills

Are you interested in a free, hands-on educational training on assessing the health of streams and buffers? PVCA has teamed up with Dave Keller from the PA Fish & Boat Commission to offer community members scientific tools for assessing the health of our waterways. Please register for details.

Seeking Applicants

PVCA is seeking resumes for Stream Monitoring Specialist positions for a 15-month period, beginning in Jun 2014.

Utilizing the skills taught in the training described above, these positions include teaching and educating members of the community in water monitoring practices for the protection and restoration of the Upper Penns Creek watershed. Specialists will also carry out a variety of stream health assessments.

Knowledge of local waterways, riparian buffer ecosystems, macro-invertebrates, and data collection greatly valued. Stream Monitoring Specialists will be paid prevailing wage rates, dependent on experience. Must demonstrate the capacity to work independently and in teams. PVCA is an equal opportunities employer.

To register for the class and/or to apply for a position e-mail andrea@pennsvalley.net or call 856-283-1338

*Society of American Foresters:
Rothrock Chapter's*

Summer Field Tour and Picnic "Wildlife Habitat Management and Young Forest Initiative"

Wednesday, June 25, 2014
Program 2:00 - 5:00 PM
DINNER 5:00 - 7:00 PM

Visit field sites on the Stone Valley Experimental Forest and learn about Wildlife Habitat Management and Invasive Plant Control.

Plus! Learn more about Game Commission, DCNR, and NRCS programs and opportunities.

WHERE:

Penn State Stone Valley Experimental Forest, Lake Perez, Rental Cabin Parking Area. Tour will depart at 2:15. The afternoon will be spent visiting three sites to view woodcock and wildlife habitat management activities.

FEATURED SPEAKERS:

Joe Harding, Director of Forestlands, Penn State University Clay Lutz, Diversity Biologist, PA Game Commission Justin Vreeland, Regional Wildlife Biologist, PA Game Commission Tim Cole, Service Forester, DCNR Bureau of Forestry Jim Steward, District Conservationists, USDA Natural Resource Conservation Service Dave Jackson, Extension Forester, Penn State Extension

SPONSORED BY: The Rothrock Chapter of the Society of American Foresters In Cooperation With: *Penn State Department of Ecosystem Science and Management, PA Game Commission, DCNR Bureau of Forestry, the Natural Resource Conservation Service, and Penn State Cooperative Extension*

CONTACT:

For more information contact the Penn State Forestland Management Office at: 814-865-6272.



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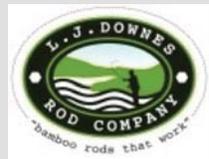
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Winner Drawn on Sunday June 22, 2014

2:00 PM At Elk Creek Café + Aleworks