



Streamlines

Volume 46, Issue 1
Winter 2011

from Green Valleys Association at Welkinweir

Deep in the Big Woods

Did you know that Welkinweir's 197 acres are part of the largest tract of forested land remaining in Pennsylvania's southeast region? Known as the Hopewell Big Woods, this 73,000-acre (110-square-mile) expanse of forest and natural lands encircling French Creek State Park and Hopewell Furnace is "an exceptional resource with hundreds of plant and bird species, pristine forest, unique wetlands, and clean streams, providing open space, drinking water, and unique scenic, cultural, and natural resources."



The Welkinweir woods in springtime.

Efforts to conserve nearly 4,000 acres of old growth, 15,000 acres of unbroken forests, and the watersheds the forests support are among the goals of the Hopewell Big Woods Partnership, a group of over 30 government, municipal bodies, and private non-profits, including Green Valleys Association, and led by Natural Lands Trust.

See "Big Woods," page 6

Stormwater: The land-water connection

In undisturbed landscapes such as forests and meadows, stormwater runoff is an infrequent part of the natural water cycle. However, this cycle is changed where there is land development. The changes which occur include runoff increases, groundwater recharge decreases, impacts to stream channels, increased flooding, and non-point source pollution (NPS). Together, these changes are a major cause of degradation to our water resources.

Stormwater issues are best addressed at the point of origin. Effective systems have been developed to address stormwater at the source; these treat rainwater and snowmelt as a valuable resource. Collectively the systems are known as Best Management Practices, or BMPs, and in our region there are excellent demonstration projects.



Welkinweir meadow.

Beginning with this issue of *Streamlines*, "Stormwater," a new feature of the GVA newsletter, will have articles covering the full range of stormwater management issues:

- Green infrastructure including local green roofs, rain gardens, and permeable paving systems
- In-stream restoration projects
- Ongoing regulatory efforts at the County, State, and Federal level

See "Stormwater," page 3

The Nature of Gardening

2011 Winter Seminar

Join us at Welkinweir on Saturday, March 12 for our 2011 **Nature of Gardening** winter seminar, *Landscapes for Life: Strategies for harnessing nature's power to create a healthy, attractive and living landscape*. The program will showcase the principles of The Sustainable Sites Initiatives™ (SITES), an interdisciplinary effort by the American Society of Landscape Architects, the Lady Bird Johnson Wildflower Center, and the United States Botanic Garden. SITES is the nation's first voluntary rating system for sustainable practices in landscape design, construction, operations, and maintenance.

Conventional landscape practices often unintentionally work against nature by ignoring, reducing or eliminating beneficial ecosystem services. By incorporating into our landscapes sustainable uses of **water**, conservation of **soils**, wise choices of **vegetation** and **materials**, and design that supports **human health and well-being**, these sustainable landscapes give

See "Seminar" page 4

Congratulations to Welkinweir's long time summer intern, Austin Deputy. A senior majoring in horticulture at Temple-Ambler, Austin was awarded a \$5,000 scholarship from the Pennsylvania Landscape & Nursery Association.

Also to **Kimberly Oellerich**, Welkinweir's first Curatorial Fellow. She is now Horticultural Supervisor for a prominent landscaping firm in Washington D.C. She credits her time at Welkinweir with giving her the edge needed to secure this position. We wish her the best of luck.

See story on page 7.

GREEN VALLEYS ASSOCIATION at WELKINWEIR

Green Valleys Association's mission is to protect and preserve the quality and quantity of water resources in northern Chester County through advocacy and education.

Welkinweir

Our Welkinweir headquarters in East Nantmeal Township, Chester County, is a spectacular property which showcases GVA's Mission. Originally home of GVA founding members Everett and Grace Rodebaugh, the 197-acres of permanently preserved land features a 55-acre arboretum, ecologically diverse wetlands, forested riparian buffers, meadows, and forest habitats. The property hosts our many environmental education programs and features an ever-growing collection of projects that demonstrate sustainable practices. See hours p. 7.

Officers

Dave Zelinger - President
Chris Orzechowski - Vice President
Deb Eddinger - Vice President
Lawrence Newman - Treasurer
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Streamlines, our quarterly newsletter, highlights local and regional activities focusing on water resource conservation and preservation. Available through membership or online at our website.

Remembering Estelle Cremers

On November 28, 2010, our friend and neighbor Estelle Cremers passed away. It is because of Estelle that GVA "came home" to Welkinweir. When the GVA Directors consulted Estelle on the idea of making Welkinweir its home, Estelle thought it was a wonderful idea, one that would complete the circle – allowing the organization founded by Everett and Grace Rodebaugh in 1964 (French Creek Watershed Association, which became GVA) to finally call Welkinweir its permanent home.



Estelle Cremers

Estelle was a trusted friend of Grace Rodebaugh and continued to carry out Grace's wishes after she was gone. Estelle worked with Grace, Allan Greenwood and the Board of Directors to set funds aside in an endowment so that Welkinweir would be preserved and maintained in perpetuity. Without Grace's trust in Estelle, this could have never been accomplished.

Estelle's involvement with Welkinweir continued after GVA took title to the property, serving on the Welkinweir Management Committee, which ensures that Welkinweir remains financially strong and continues as GVA's home. She also served on the Master Planning Committee, assisting GVA to best utilize the property to meet GVA's educational mission and continue the Rodebaughs' vision for their property. Estelle remained engaged with Welkinweir as we implemented the Master Plan, providing advice and opinions, and letting us know how happy the Rodebaughs would be to see their former home today. Estelle was a great friend and she will be greatly missed.

- John Funk

Transitions

2010 saw staffing changes at GVA. Mary Weaver, our part-time bookkeeper, and Lyla Kaplan, our part-time membership coordinator, left to pursue full-time positions elsewhere. We will miss their many talents and skills, and wish them well in their new positions. Last year also saw the elimination, due to lack of funding, of the position of Director of Watershed Advocacy, which John Hoekstra held since 2000. We recognize John's years of committed service: his work with townships, environmental groups and concerned citizens; eloquently speaking out for clean water. He was an active participant at meetings of municipalities and planning organizations. He carried our message to politicians and state agencies, always advocating for the protection of our watersheds. We are certain John will continue to be an advocate, both as a private citizen and offering his experience as a consultant. He has our gratitude and thanks.

A sight to savor

Driving home with our family late last November in East Nantmeal Township, my husband suddenly stopped the car as a huge bird flew across the road. "What's that? It looks like an eagle!" he exclaimed. As the bird landed in a tree overlooking a nearby pond, we could see a white head and tail, confirming that we were indeed watching a Bald Eagle in the wild.



Prior to that morning, our family's experience with eagles had been limited to local zoos. We told our children that although Bald Eagles were recently removed from the endangered species list, our spotting this one was likely a

See "Sight," page 3

The dilemma of disposal

Keeping medicines out of the water supply

A University of Illinois study reported that approximately 4,600 tons of pharmaceutical and personal care products (PPCP) are discarded annually in the U.S. These include prescription drugs, over the counter (OTC) medications, pet meds, illicit drugs, diagnostics agents, cosmetics, fragrances and sunscreens. Unfortunately, many are not disposed of properly, posing a threat to our water supplies.



It is estimated that over 35% of unused prescription drugs are flushed down a sink or toilet. The result is that 80% of US streams and nearly 25% of groundwater sampled by the US Geological Survey are contaminated by various medications. Drug residue has been found in the drinking water supply of at least 46 million Americans. That's right—you may be “taking” drugs without knowing it.

This is a huge problem, but one that you can help reduce by following some simple steps.

– Check the information you receive with your prescriptions as this will often include proper disposal instructions. If there

are no instructions or you cannot find the prescribing information, you may be able to find disposal instructions at <http://dailymed.nlm.nih.gov/dailymed/about.cfm>, where you can look up specific medications.

– If you can find no information specific to your medication, see if your municipality schedules hazardous or medical waste collection events. If not:

- Remove or destroy any personal information and medication identification on the packaging.
- Take medication out of packaging and place in a Ziploc bag.
- Add a small amount of water and some material that will make the contents unattractive to children and pets, e.g., coffee grounds or kitty litter and mix well.
- Seal the bag and place in your trash, and recycle or dispose of the packaging.

Note - there are a small number of prescription drugs for which the proper method of disposal is flushing down the sink or toilet. For a list of these drugs please consult the FDA pamphlet at <http://bit.ly/cvRGFZ>.

- Dave Zelinger

“Sight,” from p. 2

once-in-a-lifetime opportunity. The best way I could think of to share this experience was to take a picture. Creeping slowly across the field, getting as close as I dared, I took several pictures of the majestic bird. As we drove away, we counted our blessings and hoped that we would see the eagle again.

The following Sunday, we took the same route home and again saw an eagle perched in the same tree overlooking the pond. Hopefully, for my children and future generations, seeing a Bald Eagle in the wild is no longer a once-in-a-lifetime opportunity.

- Chris Wittlinger

Help protect migrating amphibians

Each year, in late February or early March, hundreds of native frogs, toads and salamanders migrate at night from their woodland habitat to their wetland breeding areas. In our area, a main migration route crosses Hollow Road, in West Vincent Township, where many of the amphibians are killed by passing cars. The West Vincent Township Supervisors have approved closing a portion of the road, allowing volunteers to help assist the animals. To volunteer, contact Harriet Stone (610-469-9050). You will be provided with a protective vest and instructed on how to safely handle the animals.

“Stormwater,” from p. 1

- Stormwater management plans
- Land conservation success stories

We can find stormwater issues at almost any site where we have altered the landscape from its original condition of forests and meadows. Each contribution from a single site is usually very small, but they add up. The challenge in the years ahead will be to expand efforts to address stormwater at many sites throughout the watersheds.

Water is a precious resource. By improving how we handle stormwater, we will not only improve the health of our streams, but we will also change our landscapes for the better.

Do you have any photos and/or descriptions of a stormwater issue? Please email this information to gva@greenvalleys.org and we may publish it in our newsletter or website.

- Victoria Laubach

From the Pennsylvania BMP Manual:

Non-structural BMPs preserve open space and working lands, protect natural systems, and incorporate existing site features such as wetlands and stream corridors to manage stormwater at its source. Some BMPs also focus on clustering and concentrating development, minimizing disturbed areas, and reducing the size of impervious areas. —Chapter 5

Structural BMPs are based on natural systems and rely upon vegetation and soil mechanisms in order to perform as intended, while others are considered more conventional “brick and mortar” techniques. Examples of structural BMPs are porous paving, rain gardens, bio retention, green roofs, rain water capture & reuse, constructed wetlands, and riparian buffer restoration. — Chapter 6

Come out and play at Summer Nature Camp 2011



It may be a cold and snowy winter but it's never too soon to start thinking of the warm summer days – and GVA's **Summer Nature Day Camps!** Another great summer is planned for 2011, with new programming, including a week of half-day camps for children ages 4 to 6, new guest presenters (and many returning favorites!), an extra week of adventure for children ages 12 to 14, with plenty of opportunities for campers to reconnect with the outdoors.

GVA's nature camps encourage children's natural curiosity of the outdoors by engaging them in fun and educational activities while also teaching them about their connection to nature. Each week of the 9-week Camp has a different theme and offers age appropriate activities for campers, and includes nature walks, guest presentations, educational games, craft projects, nature play, and explo-

ration of Welkinweir's 197-acres of forest, meadows, and water habitats. Children can sign up for one week, or all nine.

Look for the Summer Nature Camp brochure in your mailbox and on our website by the end of January. Fliers will be distributed at schools in March.

Camp registration begins February 8 for GVA members, and March 8 for non-members. You can join GVA, register early, and receive the membership rates for Camp. GVA now offers online registration, as well as additional discounts for early registrations and for families with multiple children attending camp.



Camp Open Houses

Whether you are new to nature camp, or will be returning for another exciting summer and simply want to explore the GVA property, come out to our **Summer Camp Open Houses, Saturday, April 16 or Saturday June 11 from 9:30-11:00 a.m.** Visit our facilities, walk the grounds, and talk with GVA's Education Director to get your camp questions answered and ease any apprehensions campers may have. If you wish to explore the grounds on your own, the property is open to the public Monday through Friday, 8:30 a.m. to 4:30 p.m., beginning in April. Weekends are reserved for GVA members. Call GVA at 610-469-4900 or 610-469-8646 to schedule a weekend visit.

Make a Difference

Donate to the Summer Camp Scholarship Fund

Each year, many children have the opportunity to enjoy part of their summer at GVA's Nature Camp, while many other children in our community are not as fortunate. This summer, GVA's goal is to send *at least 5* children to summer camp on scholarships.

To reach our goal, we need your help. Please consider making a difference in a child's life by contributing to GVA's *Summer Camp Scholarship Fund*. A donation of \$200 sends one child to camp for a week, but any amount is appreciated, and combined with other donations can provide a full scholarship to a deserving child from our local community.

All donations are tax-deductible. You can send your contribution to *GVA's Summer Camp Scholarship Fund, 1368 Prizer Road, Pottstown, PA 19465.*

“Seminar,” from p. 1

back, providing natural benefits that are essential to daily life – cleaning air and water, reducing floods, combating climate change, and other benefits that support life on the earth. Sustainable landscape practices rebuild and optimize natural system processes. They begin to repair the web of life by restoring environmental health, and human health and well-being, one garden at a time.

Our seminar will focus on these principles, with speakers to include Ray Mims, from the US Botanic Garden, introducing the initiative through an overview of the rating system, and Margot Taylor, principal with Land Ethics, sharing how she is transforming her 1.5-acre residential property into a model of sustainability as an invited participant in the SITES Pilot Project. The seminar, which runs from 10 a.m. to 2 p.m., is sponsored by the Pauline Morton Foundation. The program fee of \$75 includes lunch and handouts.

- Margot Taylor

For all program information and registration, please contact Dawn at 610-469-8646, or dwhite@greenvalleys.org.

Nature programs just for preschoolers

GVA's nature programs get children involved in exploring and playing in the outdoors and with natural objects, to satisfy their innate curiosity about the natural world around them. This spring, we are continuing our popular *Kinder Nature Classes*, and introducing **new** programs for young children and their caregivers.

Our *Kinder Nature Classes* continue to be a popular way for parents and their children to learn more about the natural world through nature hikes and outdoor activities, as well as stories and craft projects. *Kinder Nature* meets from 12:30-1:45 p.m. on these **Tuesdays**:

- April 5 Bird Basics
- April 12 Meet the Trees!
- April 19 Amazing Insects
- April 26 Water Wonders

New this spring are our *Little Wonders* classes. These programs for 2 and 3 year olds offer many of the same activities as *Kinder Nature Classes*, but on a more basic level and in a shorter time-frame. *Little Wonders* will meet from 12:30-1:15 p.m. on these **Wednesdays**:

- April 6 Birds of a Feather
- April 13 Trees are Terrific!
- April 20 Bees, Butterflies & Other Bugs
- April 27 Water Discoveries



At the Henrietta Hankin and Phoenixville public libraries, we are introducing a new community outreach program, *Little Sprouts*, for children ages 3 to 5. This spring program replaces our weekend library programming. Each *Little Sprouts* class offers nature discoveries through an interactive story, animal artifacts and a simple, take-home craft. The programs are offered free to the public. For a schedule, please see our Events Calendar on page 7. For more details on any of these programs, please visit www.greenvalleys.org or contact us for a brochure.

Badge workshops for Scouts

GVA offers a variety of workshops based on Scout Try-Its, Badges and Achievements. Programs include activities, demonstrations, animal artifacts, nature walks and study of Welkinweir's forest, meadows and streams in order to further Scouts' appreciation and understanding of the natural world.

Throughout the year, we offer supplementary programs for Boy and Girl Scouts, including *Nighttime Explorers* and a *Night Hike with Campfire*.

Programs can be scheduled for individual troops throughout the year. Girl Scout troops can also work together to complete badge requirements during *Badge Days*, specific days set aside by GVA for workshops that can accommodate a larger number of Scouts. Our next *Girl Scout Badge Day at GVA* is "**Wildlife Day**," on **Saturday, February 5th**. Brownies will work on their "Watching Wildlife" Try-It from 10:00–11:30 a.m. and Juniors will work on the "Wildlife" Badge from 12:00–1:30 p.m. Fees are \$9 per Scout; advanced registration and payment are required 7 days prior to program.

Educator Workshop will focus on Hopewell Big Woods

On **May 2, 2011**, the Hopewell Big Woods Partnership invites all K-12 public, private, and home school teachers, environmental educators, and Scout troop leaders in Berks, Chester, and Montgomery Counties to attend a one-day workshop about the special people and places in the Hopewell Big Woods.

Based on Environment and Ecology, and Language Arts Academic Standards, this workshop will focus on plant and animal species in the Hopewell Big Woods and their importance, along with the interactive relationships between these organisms, habitats, and people. Educators will also be introduced to the available resources and field trip possibilities within the area.

The workshop runs from 8:30 a.m. to 3:30 p.m., and the \$10 fee includes meals, classroom resources and 6 hours of Act 48 Professional Education Hours. The workshop is presented by the PA Department of Conservation and Natural Resources, Green Valleys Association, Hay Creek Watershed Association and Natural Lands Trust. Funding is provided by Schuylkill Highlands Conservation Landscape Initiative and the William Penn Foundation.

The Hopewell Big Woods Partnership, facilitated by the Natural Lands Trust, preserves the last large, unbroken tract of forest left in southeastern PA. The Partnership is a collaborative effort of over 40 public and private partners.

For more information on the Big Woods, visit www.hopewellbigwoods.org. Please also see the article on page 1 of this issue.



Thanks to Penn Liberty Bank for sponsoring our 2010 Owl Prowl. (In photo: Lois Fury, Dawn White.)

Welkinweir Intern receives scholarship

Austin Deputy, a 4-year intern at Welkinweir and a senior majoring in horticulture at Temple-Ambler, was awarded a \$5,000 scholarship from the Pennsylvania Landscape and Nursery Association (PLNA). The PLNA Foundation, the non-profit branch of PLNA, “provides resources to encourage research, reward scholarship and promote the values and benefits of ornamental horticulture.” Pennsylvania colleges and universities offering horticulture and related programs were asked to nominate a student for this competitive educational scholarship. Through a combination of scholastic achievement at Temple and hands-on experience at Welkinweir, Austin was selected.

PLNA supports the green industry and its workers through representation in government and education as well as hosting the Penn Atlantic Nursery Trade Show where growers and manufacturers showcase their latest and greatest plants and products. PLNA supported GVA’s riparian buffer planting in April 2010 at Griffith Farm.

Austin is very grateful for PLNA’s support as this fund will go directly to reducing his student loans.

Four fantastic ferns

At this time of year many of us look at our gardens and remember how great they *used* to look. Don’t despair, because with a little planning you can have interest in the garden throughout the entire year, starting with four fantastic ferns that, like you, tough it out through the winter, waiting patiently for warmer days to come.

As I walked through the woods at Welkinweir this winter I noticed a great combination of two native ferns, Christmas fern (*Polystichum acrostichoides*) and marginal woodfern (*Dryopteris marginalis*). These evergreen species were happily growing side by side, forming large sweeps along a wooded hillside. Both make great additions to shade gardens, are deer resistant and relatively disease- and insect-free.



Marginal woodfern. Photo: Janet Novak

Marginal woodfern and Christmas fern form mounds which spread slowly, growing about 12 to 24 inches tall, on upland or well-drained soil conditions. Plant *en masse* for greater impact. Another popular evergreen fern is the autumn fern (*Dryopteris erythrosora*). Native to China, Korea and Japan, the autumn fern is distinguished by the coppery-red color of the new foliage. This species does best in shade to partial sun and grows to be 18 to 24 inches tall.

A final fern for winter interest is the hart’s tongue fern (*Asplenium scolopendrium*). The fronds of this fern are undivided; there is not a row of small individual leaflets as one finds in typical ferns, just one “uncut” leaf. For the native plant enthusiast there is *A. scolopendrium* var. *americanum*. However, this species is listed as threatened in the U. S., and is therefore nearly impossible to find commercially. Luckily, the European variety is readily available. I have one specimen in my home garden which has, without any special attention, settled in happily over the past few years. This fern, like the others discussed here, is well-behaved, forming mounds which spread slowly. So, if you’re wishing that your garden had a little more life this winter, consider adding some evergreen ferns this spring in preparation for next year’s deep freeze.

- Austin Deputy, Welkinweir Intern

Sources: *Herbaceous Perennial Plants* by A.M. Armitage, <http://plants.usda.gov>, <http://ontarioferns.com>

“Big Woods,” from p. 1

The importance of preserving unbroken tracts of forested land cannot be overstated. According to the Southern Appalachian Forest Coalition, the benefits of intact forests, such as those found in the Hopewell Big Woods, are their ability to provide:

- clean water
- a home to threatened and endangered species
- a source of economic growth (wood products, eco-tourism)
- recreational opportunities (hiking, camping, bird watching etc.)
- clean air (by sequestering large amounts of carbon, keeping it out of our atmosphere and countering global warming)
- a link to our past.

With Welkinweir located in the Hopewell Big Woods and with GVA’s mission to protect water quality, it is no surprise that Green Valleys Association is a member of the Hopewell Big Woods Partnership.

To find out more about the preservation of the Hopewell Big Woods, visit www.hopewellbigwoods.org. This site includes an excellent map of protected areas in the Big Woods, which are accessible to the public. For more about Welkinweir, visit www.welkinweir.org, “Like” us on Facebook, or take a trip to Welkinweir and enjoy a great part of the Hopewell Big Woods today!

- Austin Deputy, Welkinweir Intern

Information for this article found at www.hopewellbigwoods.org.

Welkinweir Winter Hours

Welkinweir’s arboretum and surrounding natural lands are closed for January. Starting in February, the hours are Monday through Friday 9 a.m. to 4 p.m. and weekends for members only.

www.welkinweir.org

January

Fri., Jan. 28

Nature at Night, Hike and Campfire at GVA, 7:00-8:30 p.m.

Explore Welkinweir in search of nighttime animals and test your own senses of sight and hearing in the dark. We'll call and listen for great horned owls who are searching for mates on the cold January nights. We'll look for fox, raccoon and skunk tracks and examine animal pelts, feathers and other natural objects. Then warm up around the campfire while making your own s'mores. *Refreshments provided by GVA.* For ages 6-Adult, no younger siblings; Fees: GVA members \$10 per family of 4 or \$5 per person; nonmembers \$15 per family of 4 or \$8 per person. Advance registration required by Thursday, Jan. 27th; Contact GVA at 610-469-8646. **Severe weather date: Friday, February 11.**

February

Sat., Feb. 5

Wildlife Badge Day for Girl Scouts at GVA

Scouts will learn about the different types of wildlife living around us. Use field guides and binoculars on a nature discovery walk; and examine pelts, skulls, sheds and more to find out how scientists identify, classify and study different types of animals. Workshops fulfill many of the requirements for the Brownie Wildlife Try-It and the Junior Wildlife Badge. Brownie workshop is 10:00-11:30 a.m. Junior workshop is 12:00-1:30 p.m. *Program runs rain or shine. Part of program is held indoors.* Fees per Scout: \$9; one leader free per 5 Scouts. Additional chaperones are \$9 each. Advance registration required by Tuesday, Feb. 1st; Contact GVA at 610-469-8646.

Tues., Feb. 8

Camp registration opens for GVA members.

Thurs., Feb. 10

Little Sprouts: Animals in Winter, at the Henrietta Hankin Library, 11:15-11:45 a.m.

Little ones and their parents can learn about nature together through an interactive nature story, animal artifacts, and making a take-home craft. For ages 3-5 with adult; FREE; Please no younger siblings; Space is limited and advance registration required by 11:00 a.m. day of program; Contact library to register, 610-321-1724.

Fri., Feb. 11

Severe Weather date for Nature at Night Hike and Campfire.

Sat., Feb. 19

Severe Weather date for Girl Scout Wildlife Badge Day.

Mon., Feb. 21

Young Naturalist Day: Winter Wonderland, 9 a.m - 3 p.m.

It's President's Day and school is out. Bring the kids to GVA for a relaxed, but structured day of learning about plant and animal activity during the cold winter months, while exploring the forest, streams, fields, and our new Children's Garden. Age-appropriate stories, crafts, and games included. *Program runs rain or shine, and is held inside our education building AND outdoors.* For ages 6-11. Fees per child: \$65 GVA members, \$75 nonmembers; Advance registration and payment required by Friday, Feb. 18; Contact GVA at 610-469-8646.

March

Fri., Mar. 4

Little Sprouts: Animals in Winter, at the Phoenixville Area Library 9:30-10:15 a.m.

Little ones and their parents learn about nature together through an interactive nature story, animal artifacts, and making a take-home craft. For ages 3-5 with adult; FREE; Please no younger siblings; Registration is NOT required, but space is limited. Contact GVA for more information, 610-469-8646.

Tues., Mar. 8

Summer Nature Day Camp registration opens to all.

Thurs., Mar 10

Little Sprouts: Getting Ready for Spring, at the Henrietta Hankin Library 11:15-11:45 a.m. FREE.

Advance registration required. See Thursday Feb 10 for details.

Fri., Mar. 11

Little Sprouts: Happy Habitats, at the Phoenixville Area Library 9:30-10:15 a.m. FREE.

Please no younger siblings; Registration is NOT required, but space is limited. See Friday, March 4 for details.

Sat., Mar. 12

Nature of Gardening Workshop—*Landscapes for Life: Strategies for harnessing nature's power to create a healthy, attractive and living landscape.* \$75. Advance registration required. victoria@greenvalleys.org or 610-469-7543

Fri., Mar. 18

Little Sprouts : Getting Ready for Spring, at the Phoenixville Area Library 9:30-10:15 a.m. FREE

Please no younger siblings; Registration is NOT required, but space is limited. See Friday, March 4 for details.

Fri., Mar. 25

Little Sprouts: Nature's Music, at the Phoenixville Area Library 9:30-10:15 a.m. FREE.

Please no younger siblings; Registration is NOT required, but space is limited. See Friday, March 4 for details.

Please join us . . .

Join GVA or Renew Your Membership Today! *ONLINE MEMBERSHIP now available!

Name _____

Address _____

City _____ State _____

ZIP _____ Phone _____

Township _____

Watershed _____

Email _____

I would like to volunteer time to GVA.

Dues and contributions are tax-deductible. Green Valleys Association is a registered charitable organization. A copy of the registration and financial information is available by calling 1-800-732-0999. Registration does not imply endorsement.

*Make checks payable to Green Valleys Association and mail with Membership Form to
1368 Prizer Road, Pottstown, PA 19465.
Visa/MasterCard accepted—please call office.*

BASIC MEMBERSHIPS Check if this is a gift membership

Basic Membership includes quarterly newsletter, notice of events and programs, access to Welkinweir grounds, reduced rate to special programs (including summer environmental camp) and fishing with a GVA permit.

Supporter \$50.00

Naturalist \$100.00

Environmentalist \$250.00

Protector \$500.00

Preservationist \$750.00

Steward \$1,000.00

SUPPORTING CONTRIBUTION

Friend of Welkinweir \$25.00

FISHING PERMIT

Welkinweir Fishing Permit \$5.00

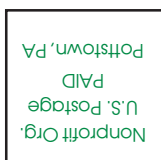
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Visit our website: www.greenvalleys.org



Winter, 2011

Address Service Requested



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1368 Prizer Road
Pottstown, PA 19465

