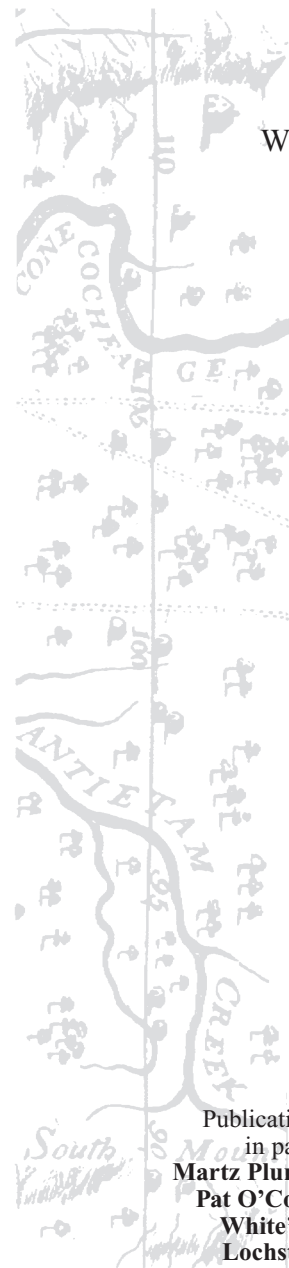


Streamside

Newsletter of the Renfrew Institute

MISSION STATEMENT

“Renfrew Institute’s mission is to guide the people of the Cumberland Valley Region to become stewards of their natural and cultural worlds.”



Spring 2007 Issue:

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Martz Plumbing, Heating, & A/C, Inc.,
Pat O’Connor, Jeff & Shirley Rock,
White’s Appliance Center, and
Lochstampfor Funeral Home,
all of Waynesboro, Pa.,
and **Morgan Stanley,** Hagerstown, Md.

Volume 17 ♦ Number 2 ♦ March 2007

Minute Possibilities, Amazing Results

The institute office is a busy hub of activity even in the winter. Board and committee members, off-season staff, casual visitors, delivery people, occasional friends, and of course Renfrew Museum staff and board too, flow in and out. It’s a rare day or even hour that someone isn’t passing through.

In this spirited atmosphere useful ideas are born and exchanged. Lively discussion about the institute and its work often turns to its relevance with local, regional and even world issues. Almost everyone admits however, that in our non-profit, mission-driven arena, it’s easy to get discouraged. For example, with development encroaching on all sides of Renfrew, it seems that our efforts to help people become “...stewards of their natural and cultural worlds” isn’t working. Well, I believe it is, though in smaller increments than we realize.

Picture this...a smiling instructor puts a magnifier in the hand of each student in her group. “Hands and knees now. Let’s find them,” she says, “...the little wonders, smaller than a dime.” A moment passes, then it starts to happen—first one child, then another.

“I found one of those diamonds!!!” [dewdrops in the sunlight]

“Me too!”

“Whoaaaa, look at this leaf, it’s got hair on it!”

“I don’t see anything.” The pouty frown looks up.

“Try again. Let me help.” Now instructor and child are close together, on hands and knees, faces buried in the grass.

“There, see that?”

“You mean that red thing?”

“Yeah, cool, huh?”

“Hey, it’s moving!!”

Another smiling instructor (they always do at Renfrew—smile, that is) hands each child a wad of wool fleece. “Now we are going to wash wool, just like kids would have done 200 years ago.” Hands go into washtubs of chilly water, wool wads squish and splash, soap foams in the water. Giggles galore.

“This is fun!”

“Mine feels really soft!”

“That’s weird looking soap.”

“Different than your soap at home, right? It’s hand-made...like 200 years ago.”

“It smells funny.”

“That’s because it’s made of lard.”

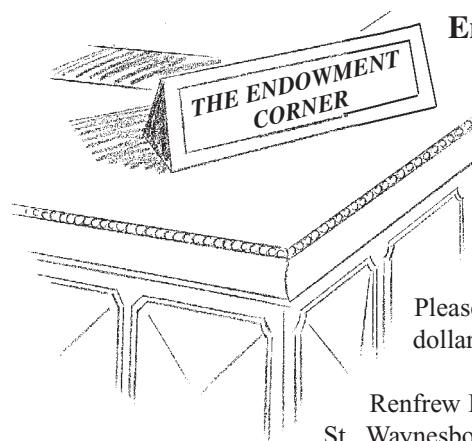
“What’s that?”

“Animal fat.”

“No way!”

At Renfrew Institute we are helping children—and adults—

(continued on page 9)



Endowment Corner—Building a Foundation for Our Future

with George P. Buckey, Chair, Endowment Trustees

Our sincere THANK YOU to the following members and friends who made contributions to Renfrew Institute's endowment fund in response to our winter supplemental giving campaign. Contributions are still coming in, so additional names will appear in the next newsletter.

The fund grew by \$11,100 this year and now holds more than \$58,500!

Of course we have a long way to go to reach our goal of one million dollars.

Please keep Renfrew Institute in mind for next year and, if possible, put a few dollars aside for this fund again. You will receive the request in December 2007.

Contributions are welcome year round. Please make your check payable to Renfrew Institute (memo "endowment") and send to: Renfrew Institute, 1010 E. Main St., Waynesboro, PA 17268. For information about including Renfrew Institute in your estate planning, please call our office 717-762-0373 or email us at renfrewinst@innernet.net.

The following is a list of endowment donors for 2006-07 (to date):

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Randall & Vicki Sprenkle—In honor of
Thomas D. Singer
Carroll & Louanna Sturm
Lester Jay Stone
Gordon Thomas
VFW Post 695
Dick & Peg Walsh
Waynesboro American Legion
Mary Jane Weagly
Leora M. Weber
Cole & Kathy Werble
Donald Yost
Sarah K. Zimmerman



Plant Natives, Remove Invasives

In the last issue of this newsletter, the Downstream article featured "DEQ" or Developmental EQ (Eco Quality in Developments).

Here's another tip for homeowners living in "developments"—

Brochures produced by the Pennsylvania Department of Conservation and Natural Resources explore how to landscape with native plants, and how to identify and deal with invasive plants.

Both brochures are available at Renfrew Institute. Stop by to pick them up, or call us at 717-762-0373 and we'll mail them to you.

NOTE:
Winter-creeper should not be confused with the native burning bush or wahoo, a native SHRUB in woods at Renfrew, with slightly similar but much smaller purplish-RED seed pods with tiny OVAL red fruits inside.
—Doris Goldman
See related article, right

Downstream

with Doris Armstrong Goldman, PhD, Renfrew Institute staff

EDITOR'S NOTE: *Downstream* is a regular column in this newsletter. It features articles about environmental awareness and action that can help us be better stewards of our natural heritage.

Winter-Creeper: Crisis Weed in Our Park

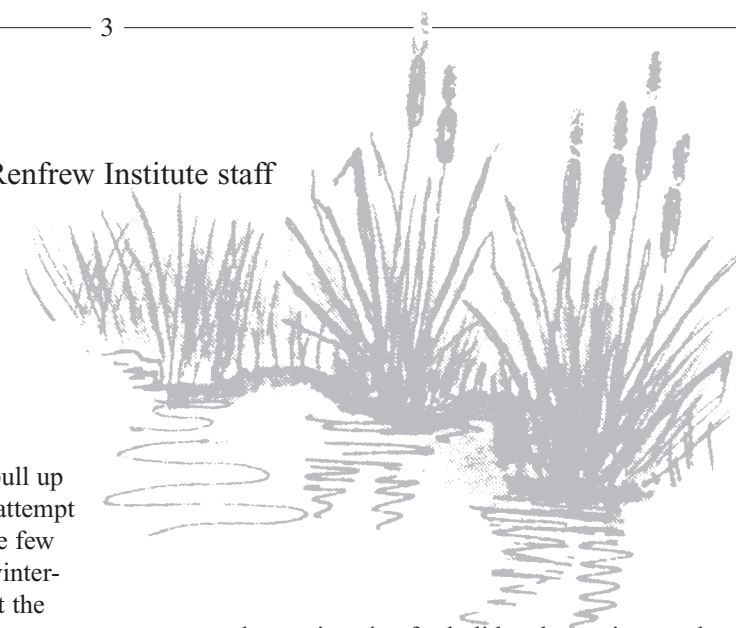
A few years ago we tried to recruit volunteers to pull up some of the invasive plants in Renfrew Park. The attempt fizzled, but the aggressive plants have not. In these few years, the worst offender, creeping euonymus or winter-creeper, *Euonymus fortunei*, has spread so fast that the situation is now critical.

Just a few years ago, winter-creeper, an evergreen from Japan, was a vigorously spreading ground cover mostly confined to the Edmajoda Trail. But the plants have matured and started climbing the trees. This is when winter-creeper starts producing fruits. The fruits are yellow woody balls that pop open to show bright reddish-orange berries (actually "arillate seeds") inside, and the birds love them. So now winter-creeper has spread to all parts of the park.

What is the problem? The plant isn't native, so has almost no insects or diseases here to control it. It is evergreen, a dense ground carpet and has thick woody vines that strangle trees. This plant kills wildflowers. The quarter of the Edmajoda Trail bot-tomland woods that is now carpeted with winter-creeper shows what will happen in other parts of the park. The spring wildflowers there have largely disappeared: wild ginger, jack in the pulpit, spring beauties, trout lily or dog-tooth violet, blue and white violets, and Virginia bluebells. The bluebells, with beautiful large nodding blue and pink bells, used to be the stand-out wildflower growing in that area.

Winter-creeper is also stopping tree reproduction, and may start killing mature trees. Luckily, two native shrubs are still holding on as their roots are covered by winter-creeper: spicebush, and bladdernut. Spicebush has small yellow flowers in spring and red fruits in early fall. Bladdernut spreads along the creek by thick horizontal roots. It is easy to spot in the winter by its dangling papery fruits.

WE MUST DO SOMETHING ABOUT THE WINTER-CREEPER. At the very least, we need help to cut down the fruiting vines and dispose of them. Since the



creeper makes a nice vine for holiday decorating, we have encouraged local park-goers to pull the vine and take it home. Just check in with us at the Visitor Center (call first to be sure we are there) to make sure you are pulling the right plant. A word of caution: The plant **MUST** be burned or disposed of in the trash when discarded. If thrown into a compost or brush pile it will spread to **YOUR** yard!

If you want to help us cut and pull, please show up on Saturday, March 31 (Renfrew Park Spring Clean-up Day) or on Saturday, April 21 (Earth Celebration Day). Bring gloves and loppers. [Note: Please remember that pulling any plant other than these invasives is prohibited at Renfrew. Check with our office before you pull!]

A different weeding effort at Renfrew is focused on another invasive, garlic mustard. Thousands of school children visit the park during our fall and spring programs. Pulling garlic mustard has become a regular practice as classes walk from activity to activity. Garlic mustard is all over the park, and the kids are not making much of a dent in it, but the effort is fun and very educational.

Garlic mustard is a winter annual. In the fall, roundish, slightly scalloped, evergreen leaves come up. In the spring, a 2–3 foot flower stalk grows small white flowers with four petals. These soon turn into thin long mustard pods full of seeds—the pods look like leaf stems.

The entire plant smells like garlic and mustard, and releases chemicals that tend to kill wildflowers. When time permits, children pull up the flowering plants, root and all, and put them in a garbage bag. Garlic mustard cannot simply be pulled and left on the ground—pulled plants often bloom and even form seeds before they die.

Invasive plants are problematic throughout the world. Renfrew is particularly vulnerable because it is an island of preserved natural land, impacted by past land uses and transected by the Antietam Creek. Wetland areas surrounded by developed multi-use landscapes are havens for invasives. We can't prevent these unwelcome newcomers from trying to move in, but we can mount an effort to keep them from taking over. You can help, here at the park and in your own yard.

Renfrew Institute is Pleased to Announce New Underwriting Support

Renfrew Institute is pleased to announce new underwriting support from several area individuals and businesses. **Cornerstone Dentistry, Paul & Diana Gunder and Jack Gaughen Realtor ERA** lent support to bring Windjammer Hot Air Balloons to our fall fundraiser, Pumpkin Festival. The wind was certainly jammin' on event day—in fact, it was too windy to launch the tethered rides we had planned as part of our festival, but Windjammer has pledged to return on another day to fulfill our fantasies of getting up, up and away.

Beauchat & Beauchat Law Office has provided underwriting support for the institute's annual lecture series. The series alternates annually between environmental and cultural topics. This year, the series is titled *Energy... Challenges, Solutions, and Visions*. Firm attorney Ann Rotz contacted our office after having attended an institute adult education program to inquire about how her firm could participate in funding our activities. This kind of spontaneous support for the work we do in the community is one of the best compliments we can receive. Thanks to Ann for exercising the initiative in establishing this new partnership.

B. Marie and Jack B. Byers have made a gift in support of institute environmental program, *Wake Up Earth, It's Spring*. Over the course of this two-hour program, kindergarten students explore, through sensory experiences, changes that take place in the natural world during spring. At the conclusion of their journey, they discover a golden hat and a note reinforcing the concept that the sun provides energy for planet Earth.

The Byers have long supported education in the region. Marie is former Washington County Board of Education president and current Executive Director of the Discovery Station in Hagerstown. She and her husband, Jack previously supported our work through their donor directed fund with the Community Foundation of Washington County.

Longtime institute member and enthusiastic supporter **Patricia O'Connor** recently made two designated financial gifts. Upon reading the last issue of *Streamside*, Pat communicated her compliments, saying, "*Streamside* is an excellent newsletter. Very well done, good content, presents a clean, clear, polished appearance." This is truly a compliment coming from Pat, who is an articulate word master, demonstrated throughout communications associated with her involvement in "community care" issues. Pat is a devoted community activist, lending her voice and energies to local land preservation and watershed protection projects, with an eye on the future and a heart dedicated to sustainable living.

gifts

New Sponsorships

Her second gift follows just that logic, as it supports institute environmental education program, *Discovering Wetlands*. During this upper elementary experience, students define and explore the wetland communities of Renfrew Park. They learn the three major types of wetlands and examine the plants, animals, soils, energy flow and water chemistry of these special ecosystems. They learn why wetlands are valuable to humans ecologically, aesthetically and economically. Discussions take place, involving problems that threaten the survival and well being of wetland ecosystems throughout the Chesapeake Bay region.

Also newly supporting *Discovering Wetlands* is **Mountain View Reclamation, a Waste Management Company** based in Upton. Cheryl Shields, Community Relations Director for the company, continues to be an enthusiastic supporter of institute programs that expose young people to watershed education. Already the sole underwriter of the after school group *Waterstriders*, Mountain View extends its support with this new gift that will help regional school students enjoy the *Discovering Wetlands* experience. Shields never hesitates when an opportunity arises to demonstrate her commitment to community enrichment through youth education.

Jeff and Shirley Rock have once again expanded their support of the institute. The Rocks have been associate members since 1999. Last year, they offered additional support of this newsletter. This year, their generosity has grown to include support of the environmental program, *Lifesavers of the Chesapeake Bay*. Shirley has often been seen accompanying daughter Kelsey to Renfrew Institute visits throughout her elementary school years. Those visits helped to familiarize Shirley with the continuum of programs she and Jeff now support as designated underwriters.

Lifesavers of the Chesapeake Bay takes fifth grade students into the trails of Renfrew—miles away from the Chesapeake Bay, yet connected directly by the waters that flow through the Antietam Creek. During their two-hour visit, students journey to learning stations that help them learn about the geography, biology and ecology of the Chesapeake Bay. They discover its relationship to themselves as watershed residents, and ways they can help and protect the unique estuary, which is so important to the region economically and aesthetically. They also learn that what helps the Bay also helps the Antietam and our own local watershed.

(continued on pg. 9)

Cultural Currents

with Sherry Hesse

EDITOR'S NOTE: *Cultural Currents* is a regular column in this newsletter. It features articles about past ways of life in our area, and strives to help us better understand our cultural heritage.

Raising Clothes: Wool Culture of the Pennsylvania Germans

The last issue of *Streamside* featured an article about flax production of the Pennsylvania Germans. This issue will explore their wool culture. In the textile arena, wool was second to flax on the early 1800s Pennsylvania German farm. It complemented linen and provided warm clothing and household textiles used in the winter months.

History of Wool

Like flax, wool has been part of man's history since early days. Sheep were among the first domesticated animals. Spinning wool evolved later than spinning flax and cotton. Wool was first used as fur pelts and also in a felted form. Felted wool may be the world's oldest textile. The first sheep are said to have arrived in the Americas with Columbus. During our colonial period, England discouraged the wool industry in the colonies. After the American Revolution, leaders like George Washington and Thomas Jefferson encouraged the establishment of Merino herds to improve the quality of wool.

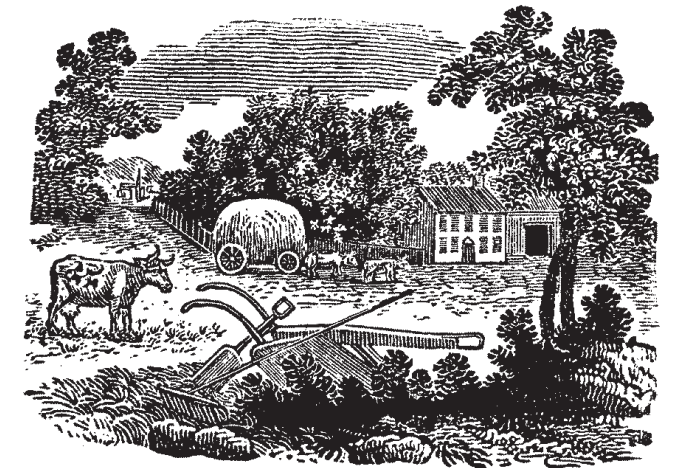
Pennsylvania German Applications

Wool played a significant part in the Pennsylvania German culture. Processing wool was not as strenuous as processing flax, and every member of the household was involved. Sheep were raised primarily to clothe the family, and most flocks consisted of ten to fifteen sheep, a ratio of one to one-and-a-half sheep per family member. These sheep were small, long-legged and narrow creatures, and were valued first for wool, then for milk (used in cheese-making) and lastly for meat.

Shearing

The wool season began in May. The farmer, sometimes with hired help, sheared his flock using hand forged iron shears. It took years of experience to become skilled with hand shears. One fleece weighed approximately three pounds—enough for one person's basic woolens for a year. Most everyday clothing of the Pennsylvania German farm family was made of wool, linen or linsey-woolsey (cloth made of the combination of the two fibers).

After shearing, fleece was spread on boards or a table and sorted according to quality. The wool was divided into three or four "sorts." The coarsest wool came from the extremity of the sheep's hindquarters; next the rump and belly; third the back. The finest wool came from the shoulder and sides. Even the coarsest wool was not wasted.



Washing and Carding

After sorting, the fleece was washed, usually in a washtub with handmade soap and weak lye. Urine was often used along with the soapy water to remove the oil (lanolin). Proper water temperature and gentle agitation were important so the wool did not felt.

Once the wool dried, any remaining burrs, sticks and other debris were picked out and it was ready for carding. Carding combed the fibers lengthwise and prepared the wool for spinning into yarn. Hand carders, which resembled brushes for dogs or horses, were used until the early 1800s. Hand carding was tedious and carding mills began to take over this part of the process. Locally, a carding mill operated at Five Forks, just north of Waynesboro.

Spinning

When the wool was prepared, spinning began and continued throughout the summer months. The "great wheel" or "walking wheel" was used for spinning wool, as opposed to the smaller foot treadled flax wheel often associated with spinning wheels. Larger than a flax wheel, the wool

wheel was operated from a standing position. The spinner walked several miles a day, backwards and forwards, backwards and forwards. She turned the wheel with her right hand and her left hand drew out the wool while she walked backwards. Then she turned the wheel in the opposite direction and walked forward to wind the yarn onto the spindle. (Sleeping Beauty probably pricked her finger on the spindle of a "great wheel.")



Children carding wool.
Illus. from *Spinning and Weaving with Wool*
by Paula Simmons

(continued on page 14)

Zany Umbrella Circus Performer Lights Up Youth Festival

Spring is near, and that means gearing up for Renfrew Institute's 18th annual Youth Festival on Sunday, May 27 from 1 to 5 pm. The theme is "Wet and Wonderful," with many "drippy" activities planned...Rain or shine event, of course! [Rain site: Waynesboro Area Middle School.]

The festival provides a variety of workshops and activities for youngsters. In addition, Ben Sota of Zany Umbrella Circus will perform *My Grandfather's Circus*, a one-man show created to honor Sota's grandfather, who "had fun creating a circus out of the dust bowl during the Depression of the 1930s," Sota said.

My Grandfather's Circus includes many staples of a traditional traveling circus: Sota rides a unicycle, balances on a tightrope, rides the unicycle on the tightrope while juggling balls—and he may even juggle knives.

Additionally, everyday farm objects come to life and find excitement in unexpected places.

Sota studied his trade at the San Francisco Circus Center and at the Trapeze Arts School, and has juggled on streets from Amsterdam to San Francisco. Having performed for children in Katrina-ravaged New Orleans and in Afghanistan, he is considered by many to be the "Ambassador of Smiles."



Ben Sota, on the German Wheel, rolls into town with his one-man show, *My Grandfather's Circus*, for Youth Festival in May.

Sota will also be conducting a "circus skills" workshop for kids during the day, teaching skills that include juggling, creating a circus of everyday objects, the walking globe and unicycle, all done in the style of a folk art circus.

Event committee chairs are Kim Sheffler, Vicki Sprenkle, and Kathy Bourdeau. Youth Fest is sponsored by Susquehanna Bank. Join us for a fun-filled day!



Most Successful Pumpkin Fest Ever!

Renfrew Institute and Renfrew Museum gained the best profits ever (in the history of the annual Pumpkin Festival) in October 2006! After \$4,795.53 in expenses were covered, the net proceeds were \$6,666.72—that's \$3,333.36 for each organization! Everyone at Renfrew says *thank you* to the extraordinary number of attendees, and to the volunteers and staff who worked very hard to make the event profitable and enjoyable. We also thank our sponsor, M&T Bank as well as other businesses and organizations that helped through donations of money and in-kind support. [Note: A complete list of those who helped with Pumpkin Fest 2006 will appear in the next issue of *Streamside* when we offer our annual list of Renfrew Institute volunteers.]

Put Pumpkin Fest 2007 on your calendar now — SATURDAY, OCTOBER 13, 2007

New Board Members

Renfrew Institute welcomes this year's new board members **Michael F. Cordell** of Chambersburg and **Robert J. Correll** of Waynesboro. Both men come with professional business experience and enthusiasm for the institute and its mission.

Cordell is Associate Broker/Mgr. with Jack Gaughen ERA/Chambersburg office and is involved with the Special Events Committee of the institute's board. Correll is Vice President of WACCO Properties, Inc. in Waynesboro and is serving on the institute's Finance and Facilities Committees.

Both members will serve three year terms. We are very pleased that Mike and Bob are able to commit their time, energy and ideas to Renfrew Institute. We hope the experience will be rewarding for them, too.

More information about these new board members and their photos will appear in the next issue of *Streamside* as we present a feature spotlight on our board and staff.

Thank you to the following who have made special donations to Renfrew Institute

in memory of...

Dr. Roger S. Young

by Margaret Ann Young

in honor of...

Eunice Statler

and in memory of her sister...

Joyce L. Ceyler

by Richard D. Ceyler

in memory of...

Joyce Grove Ceyler

and in honor of...

Richard D. Ceyler

Sponsorship of Earth Celebration Day

& Festival of Art 2007

by Angela Grove Weagly

Renfrew Institute Members & Sponsors

Includes 2005–06 members and new/renewed for 2006–07. * = Honorarium—for donation of special time, talent and/or materials.

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Col. & Mrs. Arlyn Madsen
Walter & Karen Manderson
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Peggy McCleary
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Edward C. Miller
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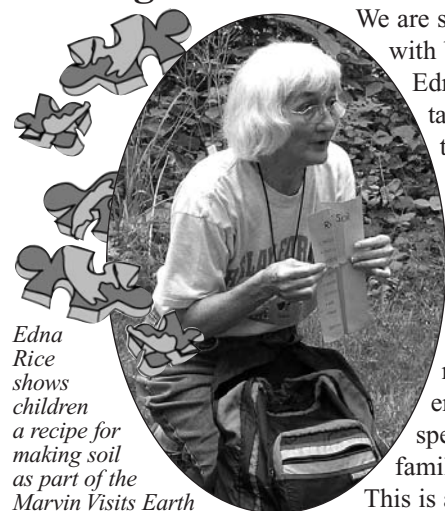
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(continued on pg. 12)

Missing Pieces



Edna Rice shows children a recipe for making soil as part of the *Marvin Visits Earth* program.

We are saying “farewell with best wishes” to Edna Rice who has taught environmental programs with Renfrew Institute for the past eight years. Edna has decided to hang up her “Redbud” wooden cookie name tag to enjoy traveling and spending time with family and friends.

This is a second retirement for Edna. She first retired from elementary teaching in the Waynesboro Area School District in 1997. We learned to know her as a fifth grade teacher at Fairview Elementary. It was a perfect fit for her to join our environmental staff following her public school career. Edna’s care for the Earth is evident in her teaching and in her personal life.

Edna will surely be missed. Her soft-spoken warmth, good humor and gentle way with children are special gifts. Her contributions of good ideas and hand-made props, from concept banners to drawstring bags, will remind us of her key role as a “program keeper” for *Earth Encounters* and other programs. Guess we will have to let our puppet Marvin, from the first grade program *Marvin Visits Earth*, know that Redbud is going on some trips too. [Marvin visits Earth from outer space and helps first graders learn what life forms on this planet need to survive.]

Edna brightens the room when she arrives. In spite of health adversities she has been a positive and nurturing force on our staff. Her triumph over breast cancer has been an inspiration to everyone. As a career educator, she has given thousands of children the benefit of her teaching talents. We are very grateful that a portion of that time was spent with us.

The following quote will always be remembered of Edna. It came when she walked (a bit slowly) into the office after a double session day with two exceptionally lively groups of first graders. With a tired smile, Edna quipped good naturedly, “You know, that was like trying to keep feathers in a basket on a windy day!” It stuck, and now our staff refers to such an experience as an “Edna’s feathers day.”

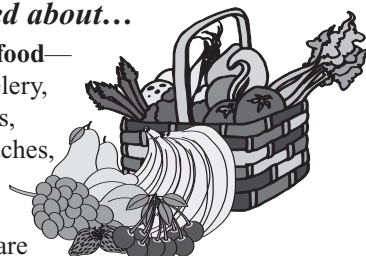
We wish you much happiness and adventure, Edna, in the years ahead. You have been inducted into our “Dust Bin Hall of Fame,” forever our “Redbud.” You also have a standing invitation to come back for an encore performance at any time. That goes for your scrumptious banana nut bread and other Edna specialties too! Thank you for your many contributions to Renfrew Institute.

Helpful Hints for Food Buying

If you are concerned about...

• Pesticide residues in food—

Buy organic peppers, celery, potatoes, spinach, apples, cherries, nectarines, peaches, pears, red raspberries, imported grapes.



Good News: Pesticides are rarely found in conventionally grown asparagus, avocados, bananas, broccoli, cauliflower, sweet corn, kiwis, mangos, onions, papaya, pineapples, sweet peas.

• **Mad cow disease or hormones and antibiotics in food** (which can lead to increased antibiotic resistance in germs)—Buy organic meat, eggs, and dairy.

• **Pollution (like mercury) in fish**—“Organic” wild or farmed fish have just as many contaminants as “non-organic.” Limit your family’s intake of all seafood (even the innocuous canned tuna) to not more than once a week. Children are most vulnerable. They gain the uptake of these contaminants in a higher proportion than adults, due to body mass. (See montereybayaquarium.org for additional seafood safety information, including their free downloadable *Seafood Watch Pocket Guide*.)

Note of Interest—From the University of Minnesota, via the National Catholic Rural Life Conference website: Antibiotics, especially tetracyclines, administered to cows and pigs show up in their manure and in cabbage, corn, and onions fertilized with this manure.



Compiled by Doris Armstrong Goldman, PhD

Welcome New Staff!!

Renfrew Institute welcomes three new faculty instructors to its staff this year. Retired Hooverville Elementary teacher and Waynesboro resident, **Robert J. North**, began as a summer day camp

instructor with the institute in July 2006. He will be teaching both farmstead and environmental programs during the fall and spring school program seasons.

Robin Shipman of Waynesboro, a home school parent and master’s degreed educator, has taken over the after-school *WaterStriders* program for middle school aged students. Robin has also begun teaching the institute’s environmental school programs as a regular instructor.

Also joining the faculty is **Beth Skroban** of Waynesboro, a skilled spinner, knitter and dance teacher, who will focus on the farmstead programs. Beth will arrive this spring to a variety of teaching duties.

We welcome all three of these talented professionals to our staff. Their photos, along with more information about them will appear in the next issue of *Streamside*.

Minute Possibilities, Amazing Results

(continued from pg. 1)

connect to the littlest wonders and historic revelations around them. These small lessons are enlightening and useful when applied to the bigger picture. When children grow up believing that tiny bacteria and ants (along with some other small stuff) actually keep us from drowning in leaf and stick debris, they also believe that as individuals they can do great things. The connectivity of the living and non-living things around them, outdoors and in, becomes obvious. Children realize that as humans they are part of this web of connections and their own actions affect other parts of the web.

Observing connections is the first step to believing in them. Of course nature often works slowly. Maybe that’s why we miss so much. Sitting quietly in the woods or meadow can reveal many wonders.

Yet these marvels aren’t usually experienced within a quick moment. It takes patient observation. We hope the institute’s programs help learners develop patience and the skill of observation.

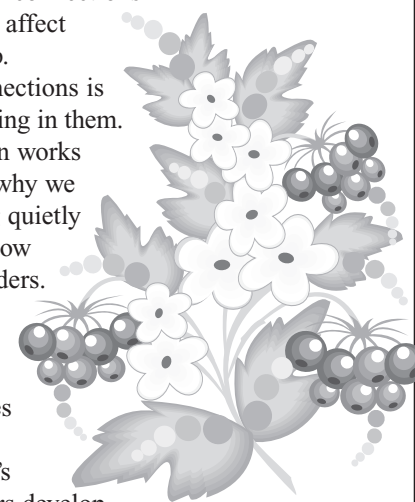
As for adults, the institute offers lots of opportunities for us to learn more about our connections to nature and our cultural history. Each experience may be filled with small lessons, but we can apply them in our effort to be better stewards.

Check out the calendar of events on page 18. There is a wonderful lecture series going on right now about energy (one already happened)—programs to engage and inspire you. There are workshops to instruct, a geology program to deepen understandings, bird walks to foster observation, an Earth week program to challenge and weekend events to entertain and educate.

A thoughtful woman who attended the first energy lecture (*Permaculture In Your Daily Life*), had this to say (and I paraphrase), “I came here looking for ideas about how to live more ecologically. It all seems so overwhelming and difficult to do. I think I found an answer: Start small and share.” She struck a chord with others who signed a clipboard and agreed to get in touch with each other to keep the dialogue going.

Renfrew Institute’s mission is working, but in small increments. These increments give us optimism, reason alone to pursue them. Come...discover the littlest wonders, the smallest truths, the minute possibilities. They just could produce the most amazing results!

Melodie Anderson-Smith



New Underwriting Support

(continued from pg. 4)

Several community businesses have added momentum to our new spring fundraiser, the Recycle/Reuse Yard Sale. Held in conjunction with Earth Celebration Day and Festival of Art on April 21st, the event will be underwritten in an effort to boost the bottom line. This year will mark our second annual, with support from **Dru’s Books ‘N Things; Karen’s Custom Framing; Kay Hoffman, Store Manager Sherwin Williams Waynesboro; Mother Martin’s Coupons; and Total Vac**. The theme of the fundraiser reminds us of one way we can care for our planet and encourages the sustainable practice of recycling household goods. You can support the effort by joining us on the 21st to sniff out some treasures, or set up a table of your own as a vendor. Enjoy some good “nibblers” while you are here in the park. Food stand proceeds will also support the institute.

Mountain Valley Real Estate will once again be a prominent sponsor of summer activities here at the Institute. Owner Carol Young has responded with enthusiasm each time she is asked to consider support for our activities. This summer, Carol has chosen to support *Nose to Nose with Nature* and the *Heritage Craft* series. *Nose to Nose* explores nature’s best spots in the park with a Renfrew Institute environmental instructor. Tools like magnifying lenses, bug boxes, and make-your-own “nature’s kaleidoscopes,” plus stories, secret missions, music and games will add to the fun and adventure. Designed for children completing grades K–3, the program will be held from 9:30–11 am, on Wednesdays in July.

In addition, Mountain Valley will help to underwrite the growing series *Heritage Crafts*. This week-long series of half-day workshops features “crafts from the past” to fascinate and challenge kids looking for interesting hands-on projects this summer. A different craft each day allows participants to attend one or all of the daily offerings. With instruction from local artisans, students will learn how to create useful and beautiful items while learning the traditional heritage crafts of piercing and cutting tin, quilting, scherenschnitte, pottery and basketry. The series will take place during the last week in July.

Carol’s commitment to Renfrew Institute’s work with children was born out of her Renfrew experiences with her daughter, Sarah. The two appear frequently throughout our scrapbooks of school programs and community events. We sincerely appreciate Carol’s enthusiasm for our work and commitment to our mission.

Thanks to these organizations and individuals for their new support of Renfrew Institute, and welcome to the family of program and event underwriters. We look forward to their future involvement.

Tracy Holliday

Sponsor Spotlight Allegheny Power Energetic Supporters

Beginning in 2001, Allegheny Power supported the work of Renfrew Institute through its adoption of the institute's second grade environmental education program *Earth Encounters*. Allegheny remained the sole underwriting supporter of the program annually through last year.

During the two-hour *Earth Encounters* experience, students are launched on a quest in search of the nine "parts" of nature. Puzzle pieces depicting the parts of nature are used to guide young naturalists on their quest. Their journey leads them along a woodland trail on which they "encounter" opportunities to get up close to the living and non-living parts of nature. Concepts such as the ecological cycles of water, soil, air and energy flow from the sun are explored with interactive lessons. The trail then



The Chesapeake Bay Supper Fundraiser was a huge success. Allegheny Power supplied the delicious blue crabs for this special event, attended by 147 people.

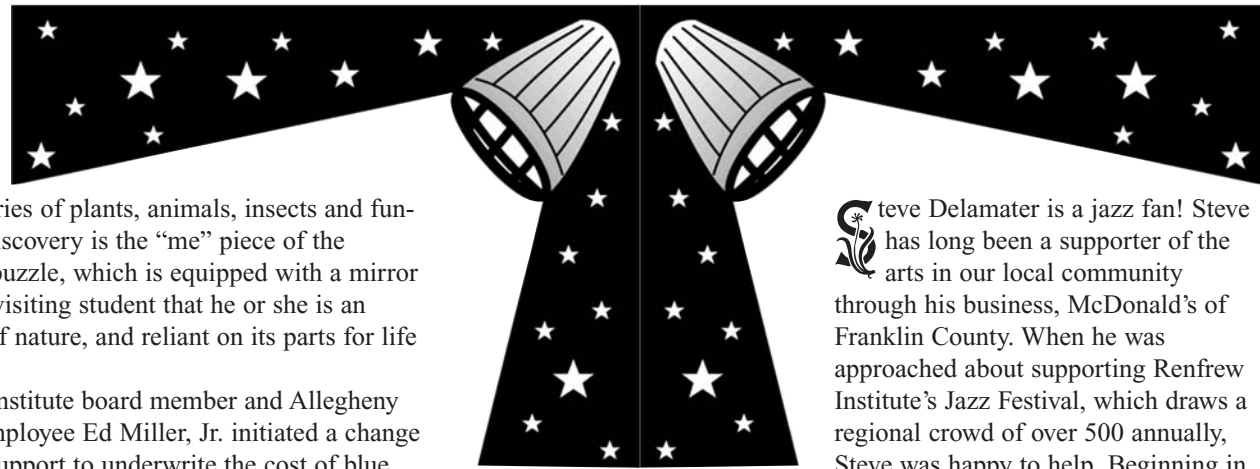
leads to discoveries of plants, animals, insects and fungus. The final discovery is the "me" piece of the 'nature's parts' puzzle, which is equipped with a mirror to remind each visiting student that he or she is an important part of nature, and reliant on its parts for life on planet Earth.

Renfrew Institute board member and Allegheny PowerEnergy employee Ed Miller, Jr. initiated a change of Allegheny's support to underwrite the cost of blue crabs for the institute's annual Chesapeake Bay Supper fundraiser. "There are so many wonderful programs and events that we could have chosen to support," Miller said. "We ended up selecting the Chesapeake Bay Supper to support everything that Renfrew does for all the elementary school children as well as the local community. We are honored to be part of it!"

The Chesapeake Bay Supper, which will enjoy its tenth anniversary on June 29th, is the institute's largest fundraiser of the year. Proceeds from this important event support the mission of Renfrew Institute by subsidizing the costs of its non-profit educational and community event activities.

Underwriting of the crabs represents quite a boost to the bottom line and helped the institute not only realize, but surpass last year's event income goal. Miller, Manager of Customer Support for the company, has been instrumental in this partnership.

Tracy Holliday



EDITOR'S NOTE: Sponsor Spotlight is a regular feature of this newsletter, highlighting Renfrew Institute's programs or events and their underwriting sponsor(s). The generosity of these sponsors enables the institute to offer a variety of educational activities to our community.

Steve Delamater is a jazz fan! Steve has long been a supporter of the arts in our local community through his business, McDonald's of Franklin County. When he was approached about supporting Renfrew Institute's Jazz Festival, which draws a regional crowd of over 500 annually, Steve was happy to help. Beginning in 2004, he lent support to the concert featuring saxophonist Eric Alexander, along with guitarist Paul Bollenback, bassist Chris Berger and

drummer Montez Coleman. Then in 2005, internationally renowned saxophonist Bud Shank was on the scene, thanks in part to McDonald's of Franklin County.

Last year, the institute had an opportunity to host, for a second time, a giant in the jazz world. Saxophonist David "Fathead" Newman came with a performance fee to match his notoriety. When Steve was approached to increase his support in order to reach an artist of "Fathead's" caliber, he was able to make it happen. Through this added generosity, Renfrew Institute was able to "bring Fathead back." Newman had made an appearance in the early days of the jazz fest in 1994, alongside guitarist Paul Bollenback. Bollenback has returned annually with the exception of one year, when he was touring in Japan. It was a truly great occasion in 2006 to have them reunited on the lawn of Renfrew for a fabulous groove.



A large crowd turned out to enjoy the 16th Annual Jazz Festival, featuring legendary saxophone player, David "Fathead" Newman, left. Newman's appearance was made possible through support by Steve Delamater of McDonald's of Franklin County.

Delamater relates some personal motivations for his generosity. "I feel the arts are very important to a community. It is a way for people of all ages and all walks of life to come together," he said. "I hope that everyone will take the opportunity to experience and enjoy the talent we have been able to bring to this community."

Tracy Holliday

Don't Miss Renfrew Institute's TENTH ANNUAL



Chesapeake Bay Supper Fund Raiser

Invitations will arrive in spring. Tell your friends and come out & support Renfrew Institute with a great evening of food, fun & frolic!

Help us grow the bottom line on this fabulous fund raiser!

Just send us \$150 to underwrite the cost of revising & printing the event programs. We will gratefully acknowledge your donation in print on the program.

FRIDAY, JUNE 29, 6:00 PM • WAYNESBORO COUNTRY CLUB



Left to right:
Vocalist
Chris McNulty,
David "Fathead"
Newman
on saxophone,
Paul Bollenback,
guitar,
Ed Howard
on bass
and drummer
Steve Johns.
The ensemble
provided an
afternoon of
great jazz for
an enthusiastic
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(continued on pg. 13)

Members & Sponsors *(continued from pg. 12)*

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Industrial Printing Solutions - *Chesapeake Bay Supper*
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JLG Industries - *Today's Horizon*
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Manitowac Crane Group - *Dairy Culture***
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White's Appliance Center - *Streamside*
York Refrigeration - *Lifesavers of the Chesapeake Bay***

Antietam Watershed Association Making Strides



Antietam Watershed Association is going strong, and we owe a lot of our success to partners like Renfrew Institute. The institute serves as the headquarters for AWA's stream monitoring program, which gathers data for AWA and provides a resource for the community. This dovetails nicely with the work of the Institute's *WaterStriders* program and extends to the community the teachings of both the *Lifesavers of the Chesapeake Bay* and *Discovering Wetlands* school programs.

AWA recently reached an important milestone in our quest to protect the Antietam Creek and its floodplains. The Washington Township Supervisors decided to entrust the planning for Antietam Meadow Park to AWA. The park is the land behind the Welty Medical Center that was once farmland, and will connect with the Washington Township Boulevard, and eventually beyond. Walking trails will be incorporated in the Meadow design. This land was turned over to the township by the developers of the property. The township is also supporting AWA by including a line item in the township budget for an annual donation.

Until now, most efforts have centered on the East

Branch of the Antietam. With the recent approval of our application for a 319 Grant through the federal Environmental Protection Agency (EPA)—distributed and monitored by the PA Department of Environmental Protection (DEP)—we will be studying the health of the West Branch. We were awarded \$75,000 for the study.

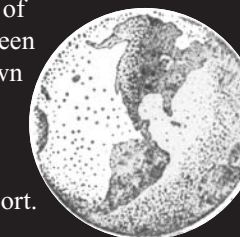
AWA was also awarded a grant to design a brochure that incorporates results from the East Branch assessment done in 2005. To date, AWA has been awarded \$181,000 in grants. We hope to continue in partnership with Renfrew Institute to educate the public in the good stewardship of the Antietam Creek watershed.

AWA now has a permanent home at 32 West Main Street, Waynesboro. Look for the logo on the window! You can reach us on the web at www.antietamws.org or call us at 762-9417.

Pat Heefner

RENEWAL REMINDER:

Please check the back page of this newsletter. If you see a green Earth Stamp (like the one shown here), that means you have not yet renewed your membership for 2006-07. Please do...we need your support.
Thanks!



Wool Culture of the Pennsylvania Germans *(continued from pg. 5)*

A good spinner could spin two miles of yarn a day, walking about four miles. After the yarn was spun it was wound into skeins either on a reel or a hand-held niddy noddy. The yarn was then ready to be dyed.

Dyeing



Black walnut leaves & nuts were among native dyes used for wool by Pennsylvania Germans. Illus. from *The Joy of Spinning* by Marilyn Kluger

Among the Pennsylvania Germans, most wool dyeing was done by professional dyers. Imported dyestuffs were readily available, and local plants were also cultivated or gathered for use as dyes. Imported dyestuffs included indigo, madder,

logwood, cochineal and fustic. Native dyes included walnut hulls, butternut bark, onion skins, Queen Anne's Lace and goldenrod. The colors produced by natural dyes were muted and not like the bright synthetic dyes of today.

Wool could be dyed in different stages of processing. Yarn was dyed after it was spun. Woven cloth or knitted articles such as stockings were dyed (piece dyeing). Unspun wool was also dyed. Dye penetrated most thoroughly in this technique, giving us the phrase, "dyed in the wool."

Weaving

As with dyeing, most Pennsylvania German weaving was done by professionals. Weavers were usually men, while women did most of the handspinning at home. To supplement their incomes, many rural weavers owned small farms, and/or worked as day laborers during the harvest season.

When one thinks of weaving of the past, the coverlet often comes to mind. A late 18th-century arrival, a coverlet was a bedcover usually woven of two-ply wool and cotton, or wool and linen. The most common early coverlets were woolen and plain weave. Later coverlets were made on more complex looms and woven in intricate patterns with names such as "M's and O's." Coverlets exhibited regional differences and variations, so that Pennsylvania German

coverlets differed from New York or New England examples. All were treasured possessions and often passed on to the next generation.

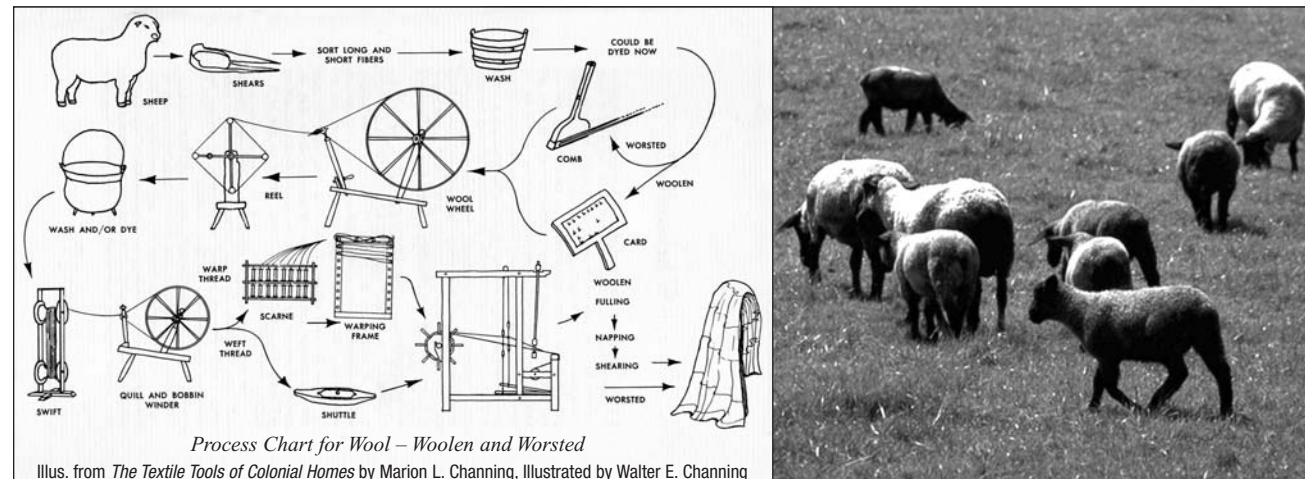
Wool was also woven into winter clothing, alone or in combination with linen (linsey-woolsey). Much of the wool and linsey-woolsey cloth was "fulled" after it was woven. This important finishing process was performed at a water-powered fulling mill. Fulling compacted the fibers and created a tighter, more even, heavier piece. Wool was knitted into winter stockings and mittens as well.

The End of an Era

Mechanization ushered in a new era. The textile industry had been slowly changing for some time and the folk textile era ended in the 1870s. Professional handweavers could not compete with factories, so if they stayed in the weaving business at all they began to weave carpets. In this way 19th century looms became known as "rug looms." Local fulling mills shut down. Carding mills began buying wool to be processed and sent to the cities. There was a decline in the raising of sheep. Spinning wheels were relegated to the attic. Families and communities no longer worked together on the processing of wool and flax. The homespun era was over.

References:

Gehret, E. J. and Keyser, A. G. 1976 *The Homespun Textile Tradition of the Pennsylvania Germans*. Pennsylvania Historical and Museum Commission, Harrisburg, PA.
Hersh, Tandy and Charles 2001 *Rural Pennsylvania German Weaving 1833-1857*. Published by the Authors, Carlisle, PA.
Long, Amos 1972 *The Pennsylvania German Family Farm*. The Pennsylvania German Society, Breinigsville, PA.
Turner, Katy 1980 *The Legacy of the Great Wheel*. Select Books, Mountain View, MO.



Process Chart for Wool - Woolen and Worsted Illus. from *The Textile Tools of Colonial Homes* by Marion L. Channing, Illustrated by Walter E. Channing

WaterStriders Visit Landfill



On Monday, January 22, students from Renfrew Institute's

WaterStriders program enjoyed a field trip to Mountain View Reclamation, Waste Management's landfill near Upton, Pa. Local streams and ground waters are protected from waste pollutants through state-of-the-art landfill technologies. The *Striders* learned how Mountain View ensures ecologically safe waste management.

Cheryl Shields, Community and Municipal Relations Representative of Waste Management, led the tour. She began with a video giving an overview of the landfill operation. *WaterStriders* with accompanying parents and siblings learned much about municipal waste and what happens to it after it is picked up by the garbage truck. Many of the *Strider* families haul their own trash to the transfer station in Washington Township. That trash also makes its way to the landfill.

Following the video the group boarded a bus (provided by the company) and began a drive-through tour



Renfrew Institute's *WaterStriders* and their families braved chilly weather and a light snowfall during a trip to Mountain View Reclamation, a Waste Management landfill in January. Cheryl Shields (2nd from right) of Waste Management led the tour.

of the landfill. Cells, the areas of the landfill that are constructed to hold trash, are excavated and lined with special materials that trap pollutants. Gas (mostly methane) produced from decomposing material within the cell, is caught and either burned off or used to fuel an electric power plant nearby.

Our bus dropped us off at the power plant where two of its employees gave us a look at its 48-engine interior space. The plant is a peak-demand facility (not in constant use), but the idea of recycling the methane is encouraging—electricity from trash! It was enlightening (and discouraging) to learn that the electricity produced at the plant goes into the "national grid" and might not be used locally. The *Striders* thought that local use of the energy would be the only sensible thing to do.

Unfortunately, our national power grid doesn't work that way. Everyone agreed that Mountain View was doing its part to at least put into practice this energy saving idea. The hope is to increase and improve the use of this technology in the future.

Mountain View also promotes recycling of household trash. Bins are provided for the general public at the entry gate. For general trash, authorized haulers and citizens with pick-up truck loads are permitted to use the landfill. Approximately 150 trucks enter the site daily. All are weighed, photographed and charged by weight. Hazardous wastes are not permitted. Vehicles pass through a tire wash as they exit to prevent contaminants from going with them!

Our sincere thanks to Cheryl Shields for providing this excellent educational experience and for facilitating her company's continued sponsorship of the *WaterStrider* program over the last five years. The program was even mentioned in the tour video as a community outreach supported by Mountain View Reclamation.

We are grateful for the commitment this company has made to Renfrew Institute and to other organizations and communities within its service area. For more information on arranging a landfill tour for your group, you may reach Cheryl Shields at 717-593-9948.



"Healing the broken bond between our young and nature is in everyone's self-interest, not only because aesthetics or justice demand it, but also because our mental, physical and spiritual health depend upon it."

—Richard Louv, *Last Child in the Woods: Saving Our Children From Nature-Deficit Disorder*

Thanks to Allie Kohler and Charlene Good— Outgoing Board Members

Allison (Allie) B. Kohler left the Renfrew Institute board at the end of June, 2006. We extend our sincere THANK YOU to Allie for his six years of dedicated service, including one year as board president. As required by the institute's bylaws, board members must step off the board after two consecutive three year terms.

During his time on our board Allie was very active and "hands-on." As chair of the Facilities Committee he helped move needed projects to completion including ordering, hauling, painting and installing replacement pickets in the four-square garden fence.

Allie also chaired the Renfrew Exploratory Facilities Ad-hoc Committee (REFAC), a joint Renfrew Museum and Renfrew Institute task team charged with researching and recommending solutions to the combined long-range facility needs of the two organizations.

In addition, Allie facilitated the completion of the institute's own long-range strategic plan, begun under the leadership of former board president, Tim Rahn. Allie picked up where Tim left off to take the project to its finish. Allie invested much time and energy into this endeavor and concluded the task during his last year on the board. Thanks to Allie and Tim and to all the other board members past and present who contributed to this major accomplishment.

Allie was also a regular and active attendee and helper at institute events. From adult programs in the winter to weekend events and fundraisers in the spring and fall, Allie was there to lend a hand and to show his leadership support.

Fortunately we will still benefit from Allie's dedication

to Renfrew as a whole. He was recently appointed to Renfrew Committee Inc. (RCI) and Renfrew Executive Committee (REC), the governing and management boards of Renfrew Museum and Park. He will continue to chair the REFAC committee and is remaining on a couple of institute committees as well.

Charlene Good has also stepped down from the institute's board. Charlene served for three years and contributed time and talent to several active committees including Youth Education, Adult Education, Pumpkin Fest and Membership.

As chair of the Youth Education Committee, Charlene helped the group plan new activities for children, most notably the Heritage Craft summer workshops. As a talented craftswoman, Charlene was able to teach several workshops and recruit other resource people too. She made demonstration boards to attract participants and organized the entire program. The workshops were very successful that first summer and continue as an annual program with new workshops as well as old favorites.

The addition of a bake sale table at Renfrew's annual Pumpkin Festival was Charlene's initiative. Her hand-made baked goods, cookie decorating project for kids and extraordinary decorative touches made this addition a beautiful, fun and profitable component of the festival. We hope Charlene continues to be part of this major Renfrew event.

Our sincere THANK YOU to both Allie and Charlene for their commitment to our organization and for all the time they devoted on its behalf.

Melodie Anderson-Smith



Planning for Spring

Renfrew Institute faculty members (shown left to right) Stephanie Kober, Sherry Hesse and Robin Shipman work on an activity box project for kindergarten students. The entire teaching staff spent an intensive week in January evaluating and processing all of the institute's nineteen school programs. Ideas for program improvements are now being implemented in preparation for the spring season.

Summer Institute 2007

LOCATION: Renfrew Park, 1010 East Main St., Waynesboro, PA

Summer Institute activities are made possible in part by contributions to the Today's Horizon Fund by JLG Industries, Inc., the Estate of Charles E. Smallwood, and by an Anonymous Donor

Children's Summer Stories Tuesdays, June 26–July 31 ♦ 1 pm

Made possible with in-kind support from VC Enterprises, Inc.

Children gather under the tree near the Visitors Center to listen to stories and enjoy related hands-on activities. Preschool and up. Free. Pre-registration not required. If inclement weather, call to confirm.

Wednesdays in the Park: Nose to Nose With Nature Wednesdays, June 27–July 25 ♦ 9:30–11:30 am

Underwriting support provided by Mountain Valley Real Estate

Explore nature's best spots in the park with Renfrew Institute's environmental instructors. Check out those weird, wild, wonderful creatures & plants that help make our life on earth possible. Tools, stories, secret missions, music & games will add to the fun and adventure. Bring old sneakers for wading. For children completing grades K–3. \$3 per child, per session. Attend one or more. Pre-registration not required. Meet at Visitors Center.

Old Friends Are Worth Saving

Monday, July 16 ♦ 8:30 am–3:30 pm (Rain date: Friday, July 20)

Underwriting support provided by sponsor(s) TBA

Adult and child workshop (Children must attend with an accompanying adult.)

Here's a program for adult & child to do together! Parent/child, grandparent/grandchild, any adult/child pair may register. Through exploration of the 1800s Royer farmstead (now Renfrew Museum & Park), participants discover a new awareness of old buildings, learn to listen to the stories they can tell us, and understand the importance of preserving them. Hands-on experiences include an opportunity to try the "people-powered tools" of the 1800s & to assemble a log building. Age: For children completing grades 3–8. Limit: 12 Fee: \$45 ea. members, \$50 ea. non-members. Registration deadline: July 9

Sun & Earth: Into the Woods

Tuesday, July 17 ♦ 9:30–11:30 am

Amazing wonders can be discovered when you move quietly through the woods. Use your senses to explore Renfrew's trails with our experienced biologist! Wear sneakers or hiking shoes. No sandals please. For children completing grades 4–8. \$3 per child. Pre-registration not required. Meet at Visitors Center.

Bugs & Blossoms: Into the Garden

Thursday, July 19 ♦ 9:00 am–2:00 pm

Underwriting support provided by sponsor(s) TBA

Through a rich integration of science and history, experience typical summertime activities of an 1800s farm child. "Work" and play activities are garden-centered and introduce children to the fun of gardening. Enjoy being outdoors and interacting with nature. Activities include hands-on garden tending, harvesting and preparing food to accompany lunch, and making a garden-related craft. This program will occur rain or shine. In the case of inclement weather the program will move inside and the children will participate in crafts and rainy day activities typical of the 1800s, such as cooking or indoor garden tasks. For children completing grades 2–6. Limit: 12. Fee: \$30 members, \$35 non-members. Registration deadline: July 9

Heritage Crafts: Summer Workshops For Youth • July 23–27

Underwriting support provided by Mountain Valley Real Estate

MONDAY, JULY 23, 9 AM-12 NOON: "PIERCING TIN"

In this popular workshop, students explore a time-honored craft, learn to work with metal and create a special pierced-tin project (nightlight or candle sleeve).

Age: Completing grades 3–8. Limit 8. Materials fee: \$5.

Instructor: Bob North

MONDAY, JULY 23, 1-4 PM: "TIN COOKIE CUTTERS"

NEW! Learn the craft of tinsmithing & the technique of forming cookie cutters. Use your finished product to make a yummy treat. Age: Completing grades 3–8. Limit 8. Materials fee: \$3. Instructor: Bob North

TUESDAY, JULY 24, 9 AM-12 NOON: "QUILTING"

Create a lasting work of art: learn a basic quilting stitch and create your own quilt block. Age: Completing grades 3–9. Limit 12. Materials fee: NONE.

Instructor: Karen Manderson

WED., JULY 25, 9 AM-12 NOON:

"SCHERENSCHNITTE: SCISSOR CUTTING"

Learn the time honored art of paper cutting. Scherenschmitte was used to create such things as birth certificates & love letters. Try your hand at this fancy folk art technique. Age: Completing grades 2–6. Limit 12. Instructor: Anita Pfeuffer

THURSDAY, JULY 26, 9 AM-12 NOON: "POTTERY"

Students will create hand-built pottery pieces of redware clay, with emphasis on using natural materials for textures. Age: Completing grades 2–8. Limit 25. Materials fee: NONE. Instructor: Jack Handshaw

FRIDAY, JULY 27, 9 AM-1 PM: "BASKETRY"

Students learn to make a basket base, and to weave the basket sides & fit the rim. (Note: Workshop Extended 1 Hour) Age: Completing grades 3–12. Limit 12. Materials fee: \$8. Instructor: Susan Matson

Attend One or More Craft Workshops! All Sessions Meet at Visitors Center.

Basic workshop fee, \$20 members • \$25 non-members. (Additional materials fees may apply, see individual descriptions.)

Spring/Summer 2007 Calendar of Events

Chair Caning Workshop (2-part)

Thursday, March 15, 7-9 pm • Follow-up Session: Thursday March 22, 7-8 pm • Renfrew Park Visitors Center
Underwriting support provided by Barley Snyder of Chambersburg Merri Tabor of Waynesboro will guide participants in the caning of a beautiful finished footstool. Merri has been providing caning and rushing services in her husband's furniture restoration shop (Golden Eagle Cabinet Shop) for more than 27 years. Fee \$15 for members of Renfrew Institute, \$20 non-members. Materials fee \$40. Pre-registration required. Ages 15 and up.

Renfrew Rocks!—Geology Seminar & Field Trip

Thursday, March 29, 7 pm & Saturday, March 31, 9:00 am-3 pm
In partnership with the Franklin County Rock & Mineral Club. Underwriting support provided by Barley Snyder of Chambersburg Geology professor Jeri Jones returns to Renfrew to present *A View of South Mountain and Waynesboro Through the Eyes of a Geologist*, a journey into the geologic history of our area. Thursday evening, a free slide talk in the Renfrew Visitor Center. Saturday, a field trip explores notable examples of special geologic formations in our local area. Participants may bring hammers & collecting bags (optional). Committee will organize carpooling. Field trip fee \$5.

Tin Piercing Workshop

Saturday, March 31, 8:30 am-12:30 pm
Underwriting support provided by Barley Snyder of Chambersburg Local craftsman and retired teacher, Robert North, will instruct participants in the time-honored craft of tin piercing. Each attendee will create an oval pierced tin night light with plug-in body and bulb. Fee \$20 for members of Renfrew Institute, \$25 non-members. Additional materials fee \$8. Pre-registration required. Ages 15 and up.

Bird Walks at Renfrew

Saturdays in April & May, 7:30-10 am
Underwriting support provided by Barley Snyder of Chambersburg Willard Rahn leads bird walks along the hiking trails at Renfrew Park. Walks begin at Renfrew's lower parking lot off Welty Road. Participants should wear comfortable walking shoes and may bring identification books and binoculars. Free.

FREE Spring Lecture Series—

“Energy: Challenges, Visions, Solutions”

Thursdays—March 1 & April 5 & May 3, 7:00 pm
Visitors Center. Free admission.
Underwriting support provided by Charles and Undine Warner and by Beauchat & Beauchat Law Offices of Gettysburg
March 1—*Permaculture in Your Daily Life* Steve Hoog, Alliance for Sustainable Communities, addresses the large and small scale facets of permaculture, and shows how people can get more involved.

April 5—*First Steps to Energy Independence* Dan & Erica Brown, Brown House Consulting & Contracting, present the entire picture of home energy use, and provide a plan to meet attendees' energy goals.

May 3—*Automobiles & Fuels of the Future* Joel Anstrom, PhD, Director, Penn State's Hybrid & Hydrogen Vehicle Research Laboratory, highlights trends & technologies with regard to replacing petroleum based fuels, & developing renewable energy sources.

Annual Renfrew Fun Fly

Sorry, cancelled for 2007. Tune in next year for this fun event!

Global Warming: Help Cool the Heat

Thursday, April 19, 7 pm, Visitors Center
Jodi Stewart Schwarzer of The Climate Project, helps us answer tough questions and learn what climate change means to us. While the problem seems overwhelming, there are opportunities for positive action. Learn how even small efforts can make an enormous difference. Free.

2nd Annual Recycle/Reuse Earth Day Yard Sale

Saturday, April 21, 9 am-3 pm
Underwriting support provided by Dru's Books & Things, Karen's Custom Framing, Kay Hoffman, Store Manager, Sherwin Williams Waynesboro, Mother Martin's Coupons & Total Vac
Rent a space at Renfrew Park, bring your own table and sell off your discarded “stuff”—it may be just what someone is looking for! Make extra cash for yourself, your family or your organization. For information & registration form, call 762-0373.

**THESE EVENTS
NOW COMBINED!**

Earth Celebration Day & Festival of Art

Saturday, April 21, 1-5 pm [NOTE CHANGE FROM SUNDAY TO SATURDAY] Underwriting support provided by Angela Grove Weagly in memory of Joyce L. Ceyler and in honor of Richard D. Ceyler, and by IESI PA
Renfrew Institute celebrates spring with environmental exhibitors, student clothesline display, local artists, music, food and more. In cooperation with Franklin Co. Commissioners and the Planning Department, the event recognizes April as Franklin County's Earth Awareness Month. Franklin Co. Conservation District will lead a park clean-up during the event. Rain site: Waynesboro Area Middle School. Free admission.

Adult Fly Tying Workshop—Beginners

Saturday, May 5, 9 am-12 noon, Visitors Center
Presented through a partnership between Renfrew Institute and Antietam Fly Anglers
“Make and take” workshop led by Sterling Buzzell, President of Antietam Fly Anglers. Complete instruction & tying materials provided. Tools and equipment provided for use by Antietam Fly Anglers. Fee \$15/members of Renfrew Institute, \$20/non-members. Pre-registration required. Ages 15 & up.

POW! The Planning of Wetlands— Workshop for formal & non-formal educators

Friday, May 11, 9 am-4 pm, Visitors Center
Presented through a partnership between Renfrew Institute and Environmental Concern, Inc., St. Michaels, MD.
Learn how to create your own wetland habitat and teach your students important lessons in science, math, engineering and social studies. Environmental Concern, Inc. instructors will present this workshop. Space limited. Pre-registration at least 2 weeks in advance by phone or online to Environmental Concern, Inc. 410-745-9620 or www.wetland.org Fee: \$50 per person, includes curriculum guide. Approved for Act 48 credit.

Youth Festival 2007

Sunday, May 27, 1-5:30 pm
Underwriting support provided by Susquehanna Bank
A celebration of youth with a variety of workshops, demonstrations, activities, exhibits and entertainment. Admission is free. Pre-registration for workshops. Rain site: Waynesboro Area Middle School.

Renfrew Institute's Tenth Annual Chesapeake Bay Supper Fund Raiser

Friday June 29, 6 pm, Waynesboro Country Club
Show your support of Renfrew Institute. Join us for an enjoyable evening of steamed blue crabs from the Bay, delectable side dishes and dessert, raffle, oral and silent auctions and other Bay-related activities. Reservations required. Cost to be determined.

16th Annual Jazz Festival

Sunday, August 26, 2-4 pm (to be confirmed).
Underwriting support provided by PA Partners in the Arts and by additional sponsors and grants to be announced
Featuring top professional jazz artists, festival will be held on the lawn behind the museum house. Includes a concert from 2-4 pm followed by an informal question and answer period. Rain site: Waynesboro Area Middle School auditorium. Free. Open to the public. Featured artists to be arranged.



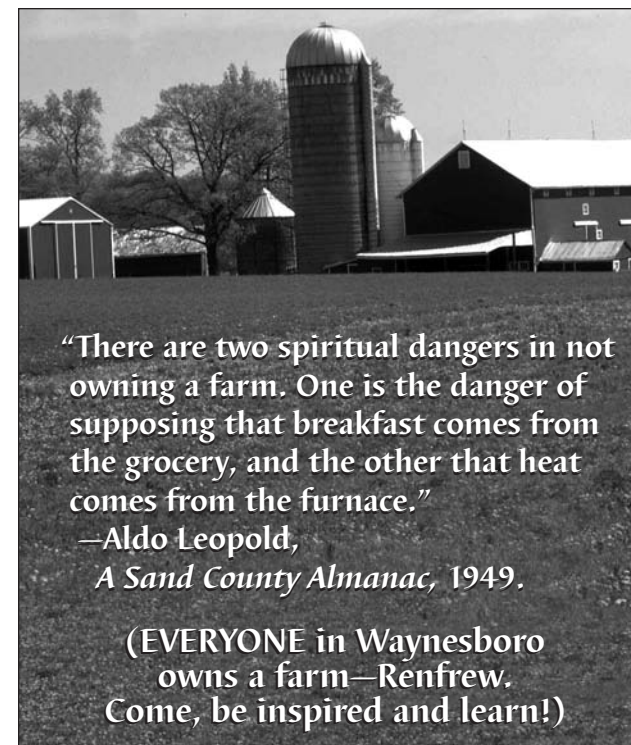
WELCOME

New Members!

Note: New members sponsoring specific programs are also listed under *Gifts—New Sponsorships* on page 4.

* = Honorary - for donation of special time, talent and/or materials

Tom & Pam Anderson	Sally Jenkins
Antietam Fly Anglers	George R. Kirk
Pete & Carol Bailey	Dennis L. Koons
Grace M. Baylor	Dick & Judy Lininger
Beauchat & Beauchat, LLC	Mary C. Rocks
Otis & Carol Brown	Andrew & Margaret Rovelstad
Patrick & Barbara Brown	David & Tawnya Secor
Kimberly S. Cordell	Harvey Sheets & Marty Amrhein
Mary A. Cordell	Kelly Shindle
Cornerstone Family Dentistry	Bryce & Robin Shipman
George W. Crouch	Roy Stoner
Gaither & Marie Dean	Ken & Linda Watkins
Mark Fries	Ruth Ann & Phil Wert
Robert M. Fry	John & Jennifer Wroblewski
Edgar & Ruby Hykes	
Bill, Katrina & Zack Hoopes	



“There are two spiritual dangers in not owning a farm. One is the danger of supposing that breakfast comes from the grocery, and the other that heat comes from the furnace.”

—Aldo Leopold,
A Sand County Almanac, 1949.

(EVERYONE in Waynesboro
owns a farm—Renfrew.
Come, be inspired and learn!)

Thanks

... to **Katie Fox** for help copying and collating public hand-out materials.

... to **Pat Heefner** for weekly help in the institute office.

... to **Mary Ann Payne** for continuing work on program materials, the institute's photo albums and other tasks.

Special Thank You

... to **Lovell's Nursery, Inc.** for donating daffodil bulbs planted by kindergarten EarthSeekers during their fall visit to Renfrew.

... to **Harold Blubaugh and CBM Systems, Inc.** for giving us a “good deal” (including Harold's free personal delivery service!) on those very expensive ink cartridges for our color laser HP printer.

... to **Paul, Diana & Matt Gunder** for donation of Hoover House gift certificates as prizes for winners of new member recruitment game.

New Copier Copier Copier Copier Copi

Renfrew Institute thanks **Pat and Jay Heefner** for a donation in support of the purchase of a new office copy machine. Renfrew Institute and Renfrew Museum partnered on this purchase in order to share resources and expenses, and we offer a big THANK YOU to Pat and Jay for getting us started! We love our new machine! Additional funding will be required to meet the total cost (call us if you'd like to help.)



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Beth Skroban, *Faculty*
Robin Shipman, *Faculty/WaterStrider Instructor*
Nora Slick, *Faculty*

Our Wish List...

- ❖ Card tables—used, in good condition
- ❖ Book: *The New Games Book* and/or *More New Games!* The Headlands Press, Inc., 1981, from the New Games Foundation
- ❖ Book: *Children's Special Places: Exploring the Role of Forts, Dens, and Bush Houses in Middle Childhood* by David Sobel
- ❖ Old untreated lumber, any length (for 4-square garden beds)
- ❖ Outdoor tent canopy—mesh or waterproof, new or used (in good condition)
- ❖ Walkie Talkies—new or used (in working order)
Prefer rechargeable. Sorry, cannot use older styles.
- ❖ Additional underwriting sponsor for this newsletter (\$500)
- ❖ Funding for 40 additional rain ponchos for use by school groups (\$400)
- ❖ Funding for 2 leather aprons (\$60 each) and/or 2 reproduction draw knives (\$50 each) to be used for upcoming woodworking programs

Wish List “Thank Yous”

- ❖ **Pat O’Connor:** Underwriting sponsorship for this newsletter
- ❖ **Doris Goldman:** Temporary loan of coffee maker for office
- ❖ **Karen Manderson:** Coffee maker for office

Don't forget to renew your membership for 2006-07!

An “Earth Stamp” here means we’re missing you!



Beyond the Wish List...Thank You Too!

- ❖ **Twila & Bill Flohr:** Books—*A Museum of Early American Tools* and *An Age of Barns*, both by Eric Sloane; *Farm Tools* by Michael Partridge; *The Good Old Days: An Invitation to Memory* by R.J. McGinnis.
- ❖ **Steve Graham:** Books—*Audubon Land Bird Guide* (Eastern & Central N. America); *A Field Guide to the Birds* (Peterson); *A Field Guide to the Mammals* by Burt & Grossenheides; *An Island Out of Time* by Tom Horton (4 copies); *Foxfire 12* edited by Kay Carver Collins, Angie Cheek & Foxfire students.
- ❖ **Tracy Holliday:** Books—*Wings & Seasons* by Gunner Brusewitz; *Life of the Woodpecker* by Alexander F. Skutch; *Owls of the World* by John A. Burton; *Birds in the Garden* by Mike Mockler; *For the Birds: An Uncommon Guide* by Laura Erikson; *Gardening: A Gardener's Dictionary* by Henry Beard & Roy McKie; *A Summer in the Life of Wild Mallards* by Kent Olson; *Plantcraft* by Richard Mabey.
- ❖ **Ann Miller:** Collection of wool yarn and natural fleece.
- ❖ **Pat O’Connor:** Six foot folding table (like new!) and the following books—*The Drop in the Drink: The Story of Water* by Meredith Hooper; *The Life Cycle of Butterflies* by Judy Burris & Wayne Richards.
- ❖ **Anita Pfeuffer:** Table loom.
- ❖ **Joanne & Stan Schoonover:** Books—*Dye Plants & Dyeing: A Handbook* from Brooklyn Botanical Garden; *Archaeology in the Upper Delaware Valley* by W. Fred Kinsay, III.
- ❖ **Joe & Debbie Chukla, Becky Dietrich, Phil & Christine Marne and Kristin Zaruba:** Cash donations.
- ❖ **Phil & Jerry’s Meats & More:** Lebanon bologna “tastes” for 20 classes of students participating in the institute’s farmstead program, *From Field to Table*.

Streamside

Renfrew Institute for Cultural and Environmental Studies

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