

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.”



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Nurturing CURIOSITY!

As this hot summer draws to a close and the yellow buses return to our parking lot for another round of Fall programs, the board and staff of Renfrew Institute begin a new year of providing educational activities to help satisfy the CURIOSITIES of our learners.

My mom, a retired first grade teacher, always says, “*Never give up your curiosity.*” She’s so right. It’s CURIOSITY that keeps us interested in life. There is so much to learn, so much to experience—at all ages. At Renfrew Institute we are striving to feed your CURIOSITY. Here are some ways we are doing that:

School Programs: They are off and running for the 16th year since the institute’s founding in 1990. The only program to take a rest this year is *Green Energy* (see related article page 13) and it will return as part of our new Summer Institute in 2006. We expect another full schedule of school groups (public, private and home-school) from all over the region. Each child that walks into Renfrew Park is a reservoir of CURIOSITY, waiting to be filled with rich experience. We plan to deliver!

Adult/Teen Workshops & Lectures: The Adult Education Committee has added members and is busy planning a full year of activities that will pique the CURIOSITY of adults and teens. If you are a Civil War buff we

“While we are born with curiosity and wonder and our early years full of the adventure they bring, I know such inherent joys are often lost. I also know that, being deep within us, their latent glow can be fanned to flame again by awareness and an open mind.” -Sigurd Olson

hope you enjoyed the September 22nd program, “Gettysburg: Sacred Meaning in America.” Charles and Undine Warner will again sponsor a 3-part lecture series in the early spring on a cultural topic to be decided. Those hands-on workshops are always a big hit, too. Stay tuned!

Summer Institute 2006: The staff is working hard, with the help of the Youth Education Committee, to launch the first “Renfrew Summer Institute” in June/July 2006. Designed to provide week-long and shorter day or half-day program offerings in the areas of “Early Farmlife” and “Nature Adventures,” the activities will tap the CURIOSITY and spirit of adventure for youngsters who participate.

EarthSeekers: Oh, the wonder of it all—the natural world, of course. And how better to begin a life-long search for nature’s wonders than to nurture the CURIOSITY of the young child (ages 4-6). *EarthSeekers* is beginning a new initiative this school year—a three-year plan—to build on the success of this long running program, fine-tune its curriculum, enhance the school-based part of the program, conduct a scholarly research project, and bring the program to professional publication! In partnership with Greencastle-

From the Desk of ALLIE KOHLER, PRESIDENT

Stepping Up To Bat Is Part Of The Game



The game at Renfrew Institute For Environmental and Cultural Studies is “to guide people of the Cumberland Valley region to become stewards of their natural and cultural worlds,” which is our mission statement. Earlier this year, I was asked to step up to bat and accept the office of president of the institute’s board of directors. I did.

Let the game begin. What a uniform I have to fill as our outgoing president, Tim Rahn, has faithfully and energetically led this team for an unprecedented number of years! Good luck and best wishes, Tim. Now I must get my line-up ready so our team is prepared to play to the best of our abilities.

I am asking my fellow board members to evaluate their own strengths and coordinate their efforts to create a game plan for our team. We must provide a quality program and initiate incentives to keep our fans (adult and student participants) coming to our games.

The board will supply our team manager, Melodie Anderson-Smith (executive director) with the equipment, guidance and support she needs to get the batting order in line. Tracy Holliday (assistant director) and Sherry Hesse (associate director for cultural studies) serve as base coaches for the team.

We have assembled a quality team of instructors with impressive credentials who provide excellent educational instruction to our fans. Managers and coaches adjust the positions of these team members from time to time to cover the specific needs of these fans.

Each of the directors and staff members must go to the bullpen occasionally for relief (member volunteers) to help achieve our game plan goals. Financial support from the community through memberships, sponsorships and/or endowment gifts is essential for a quality program and we are truly appreciative for each and every one of them. We hope that additional area businesses and individuals will step up to the plate and bat for our team by becoming a member or sponsor.

As president, I pledge to give the board and staff my undivided attention and leadership throughout this season (year). Individually and collectively we will be ready for our initial game in August and will remain focused throughout the 2005–06 season.

Are you ready to step up to bat?



Margaret Keller Memorial Program Fund Report

...\$179 earmarked for student programs

Total income of \$179 from the Margaret Keller Memorial Program Fund for 2004-05 will be used to help purchase materials for use by students during the institute’s outdoor programs. Several ideas are being considered including additional rain ponchos.

The fund, established in 2000 through a bequest from long-time institute member and friend, Margaret (Margy) Keller, is held in a secured investment with the income used annually to purchase equipment or complete projects that directly effect the school children attending Renfrew Institute’s programs. Donors wishing to help the fund grow, may send a check in any amount to: Renfrew Institute, 1010 E. Main St., Waynesboro, PA 17268.



WELCOME

New Members!

Note: New members sponsoring specific programs are listed under *Gifts—New Sponsorships* on page 9.

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

Tammy Aaron (Total Comfort Heating & Air Cond.)
 Robert & Shelley Benchoff
 Charles E. Good
 B. Marie & Jack B. Myers
 Carla A. Palavecino & Daniel Knepper
 Mary Shull-Miller
 Janet Smedley
 Elijah, Merri, John, Preston & Melody Tabor
 Drs. Toothman & Barra, Orthodontics

Thank You

Barry Donohoe
Peter Robson

for recent gifts to the Endowment Fund

Summer Interns at Renfrew

The summer season at Renfrew Institute means an absence of school groups visiting on a daily basis. However, it doesn’t mean an end to learning. This summer we hosted three interns, ranging from high school to graduate school.

Sara Ayazi is a senior at Waynesboro Area Senior High School this fall. She lives in Waynesboro with her parents Patty and Cirrus Ayazi. She has two older brothers and a sister who live in Maryland. Sara’s interests include drawing, painting, reading and spending time with friends. After graduation she hopes to study art, art history or advertising.

Sara’s work at Renfrew encompassed a variety of activities. She cleaned and repaired props for our school programs, worked on computer tasks, assisted with weekly summer stories for kids, and helped with a tin punch workshop for youth. She also helped to maintain the textile garden, the flax crop, and the four square garden. Along with her work for the institute, Sara worked with the Renfrew Museum staff taking inventory, arranging exhibits and assisting with house tours.

Laurel Swope is a senior at Westminster College in New Wilmington, Pa. She is majoring in Environmental Science with a minor in Biology. She lives in Waynesboro with her parents, Steven and Diane Swope and her brother Dane.

Laurel joined us in May in the heart of our busy spring teaching season. She spent most of her first month assisting us with school programs. Laurel observed all of our programs, and quickly learned “the ropes.” She was an invaluable help to the staff, helping with setup and cleanup and teaching parts of the programs.

Laurel also designed a brochure entitled *What’s Happening In the Pine Forest?* The brochure informs the public about the removal of dying Austrian pines, and



Waynesboro Area Senior High School intern, Sara Ayazi, helps with the flax harvest at Renfrew Park.



Institute intern Laurel Swope works on a PowerPoint presentation for the kindergarten program, *EarthSeekers*.

their replacement with Eastern White pines. Laurel also created a PowerPoint presentation about the *EarthSeekers* program. *EarthSeekers* is a school program for kindergartners, and Laurel updated an old slide show that will be used for promotional and training purposes.

Our third intern is a graduate student in Applied History at Shippensburg University. David Mahaffey lives in Waynesboro

with his wife, Bobbie Jo and their children, Derek and Brooke. David is the athletic director and an English teacher at Boonsboro High School in Washington County, Md. When he finds time in a busy schedule, David enjoys hunting, fishing and sports.

David spent

most of his time working with Renfrew Museum. His research project focused on the legend of the Renfrew sisters and the authenticity of the story that gives our site its name. For the institute, he researched other educational centers and the types of school programs that are offered across the country, with an emphasis on programs about Native Americans.

We enjoyed working with Sara, Laurel and David over the last few months. We wish all three of our interns the best of luck in their future endeavors.



Intern David Mahaffey did valuable research for both Renfrew Museum and Renfrew Institute.

Sherry Hesse

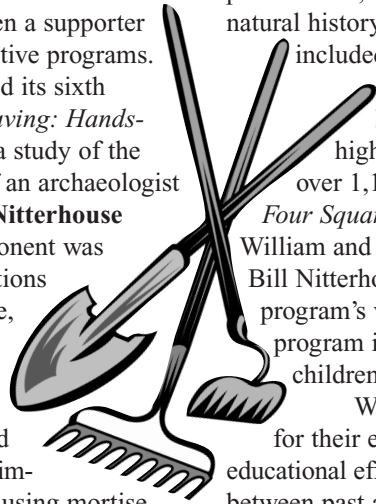


Sponsor
Spotlight

Nitterhouse Concrete Products ...Old Friends

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.

Since 1996, William Nitterhouse has been a supporter of Renfrew Institute's farmstead interpretive programs. It was that year that the institute launched its sixth grade program *Old Friends are Worth Saving: Hands-On*. The *Old Friends* program began as a study of the Royer farmstead from the perspective of an archaeologist and a restorationist. With support from **Nitterhouse Concrete Products**, a "hands on" component was added, in which students saw demonstrations of traditional tools, such as the broad axe, used in the construction of period buildings. They set out to "raise" their own building, with the help of then institute instructor, Terry Pelton. A simple stacked log structure was assembled from precut timbers, then roofing members were added, using mortise and tenon joints, and wooden trunnels to hold it all together. The institute sadly discontinued the program when Pelton left his position with the organization.



Within a short time, a new institute program, *Four Squares: The Pennsylvania German Garden*, had been created by Doris Goldman. Goldman researched traditional Pennsylvania German gardens and plants, and supervised the installation of a four square garden on the Renfrew site. She then developed a program that would have the entire garden tended, fall and spring, primarily by area second grade students. Through their experiences in the garden performing seasonal tasks such as weeding, planting, harvesting and seed collection, students are introduced to its importance in the lives of the Pennsylvania Germans of the 1800s. Concepts in historic preservation, farmstead culture, folklore, plant biology, natural history, ecology and environmental awareness are included.

The *Four Square Garden* program has become one of our most popular and highly attended. Last year, 55 area classes—over 1,100 children—enjoyed the experience. *Four Squares* has been made possible, in part, by the William and Diane Nitterhouse Foundation since 2001. Bill Nitterhouse offered a remark describing the program's value as he sees it. "The *Four Squares* program is an excellent way to help enlighten children to the wonders of nature."

We are grateful to the Nitterhouse family for their enthusiastic and important support of our educational efforts in helping area youth forge connections between past and present, and their natural and cultural worlds.

Tracy Holliday

Need More Nature in Your Life?



Here's your chance to spend half a day each month doing some interesting volunteer work outside, in a beautiful natural spot!

AWA's Stream Monitoring Team is recruiting additional monitors for both East and West Branch watersheds of Antietam Creek. Interested? Call 717-762-0373 or email renfrewinst@innernet.net for more info. Monitoring is headquartered at Renfrew Institute for Cultural and Environmental Studies in Waynesboro, Pa.

BASIC REQUIREMENTS:

- General interest in water science
- Willingness to commit a 3-4 hour work session during the first weekend of each month (for at least 8 out of 12 months)
- Willingness to commit to training sessions as needed (2-3 per year)—usually a half day Sat. or evening (accommodates those with fulltime day jobs).
- Physical ability to manage stream entry (usually shallow water) or assist partner who can do this.
- Willingness to be part of a team and have fun!

Note: Residence along creek is helpful, but not required. Science background not needed—will train. Equipment provided.

The next general meeting of AWA:

Wednesday, October 19, 7 pm

Washington Township Community Room
Welty Rd., Waynesboro.

For more information, call 717-762-9417.



AWA Events:

The following AWA projects are in coordination with the Chesapeake Bay Foundation

(1.) **What:** Bioretention Planting & Stream Bank Stabilization

When: Saturday, October 1, 9 am-1 pm

Where: Paul's Country Market, Rt. 316, north of Waynesboro.

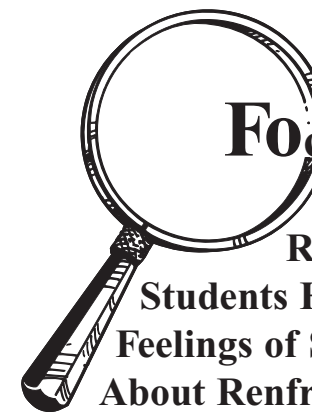
Who: Everyone welcome!

Notes: Lunch provided. Bring gloves, boots, and a shovel, if you have one.

(2.) **What:** Farm Stewardship Project, time/location TBA

When: Saturday, October 22

Watch for more details in local newspapers, or see AWA's website at www.antietamws.org



Focus on Research

Research Reveals Students Have Strong Feelings of Stewardship About Renfrew

By Holly Smith

This spring, Shippensburg University student, Holly Smith completed her graduate research project that measured the environmental attitudes of Waynesboro area sixth grade students. The goals of this research included:

- determining if Renfrew Institute is meeting the curriculum objectives of their K-6 programs,
- determining if, by sixth grade, students have a measurable appreciation of nature,
- ascertaining if students have adopted certain ideas and values about Renfrew and the environment that are modeled and taught at Renfrew Institute.

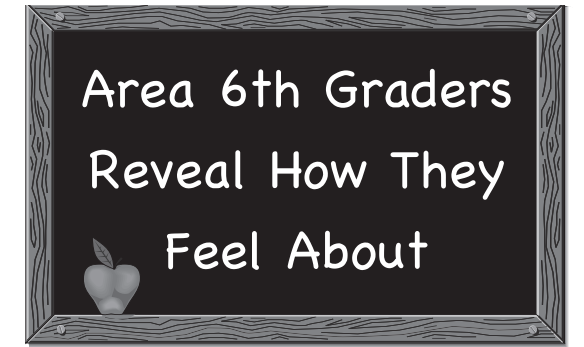
The research employed a special survey, designed to reveal if students—

- Feel comfortable outdoors;
- Feel they are close to and a part of nature;
- Have curiosity about and awareness of nature;
- Have appreciation of and sensitivity to natural cycles;
- Feel stewardship toward Renfrew; and
- Have an appreciation of the environment and Renfrew as defined by curriculum objectives.

Overall results were positive. Students seem to be comfortable with the outdoors, and enjoy being outside even if it is hot, rainy or cold. Students feel that nature is their friend, and that they are a part of nature. They recognize that nature is interconnected in many ways and is important for their survival. What shines through these data is that students have strong feelings of stewardship about Renfrew Park, and desire to preserve and protect it.

The Survey

The 27-question survey instrument used in this study was written specifically to address the attitude-related goals and objectives of Renfrew's elementary programs. The survey format is based on the instrument design of Musser and Malkus' *Children's Attitude Toward the Environment Survey* (Musser and Malkus 1994), which was designed to be age-appropriate for the students participating in this research, and is quickly and easily



administered and scored (see inset box with sample questions on page 12).

The survey was distributed to all four Waynesboro Area School District elementary schools and St. Andrew School in January 2005 and was administered by sixth grade teachers within a 2-week period. The resulting sample consisted of 115 girls and 105 boys totaling 220 students.

The surveys were scored and the mean scores for different "groups" were compared. For instance, boys were compared with girls, and school buildings were compared. Students were also divided into groups based on the number of years they have attended Waynesboro area schools. Of 19 groups, 14 scored in the "positive environmental attitude" range, and the remaining 5 groups scored in the "neutral range." No group scored in the "least positive environmental attitude" range.

Scores for individual survey questions were also analyzed to identify noticeably high or low scoring questions/topics. This data analysis was extremely revealing. For instance, students scored high on questions addressing the appreciation of the sun and trees, and the importance of the health of Antietam Creek. The analysis also revealed that students like visiting Renfrew Park and feel it is important to take care of Renfrew. Analysis of low-scoring questions reveals that students do not appreciate the importance of soil, or understand that their personal habits may influence the health of local waterways. Students also revealed that they are more likely to squash bugs than study them.

Analyzing the Results

The results of the survey analysis suggest that some of the pro-environmental attitudes reflected in high-scoring questions are being successfully taught at Renfrew. Conversely, analysis of low-scoring questions suggests that students are not necessarily embracing some of the environmental attitudes that are being taught and modeled by Renfrew. However, as with all non-experimental research, we cannot assume that Renfrew is the only contributor to these attitudes. Many factors can influence student answers, including peer-pressure (sixth graders may not perceive that being "into" nature is cool), their most recent experience at Renfrew (be it pleasant or unpleasant), personal interests and pastimes, influence of

(continued on page 12)

Cultural Currents

with Tracy Holliday

EDITOR'S NOTE: This issue's Cultural Currents features an article on butchering by Tracy Holliday. The last issue addressed the preservation of fruits and vegetables on the Pennsylvania German farm of the early 1800s. This companion article will discuss the preservation of meat. Tracy Holliday, along with Doris Goldman, teaches our "From Field to Table" program to 5th graders.

Pennsylvania German Butchering

"Besser en Laus im Graut ass wie gaar ken Flesch!"

(Better a Louse in the Kraut than no Meat at all!)

The early Pennsylvania Germans were meat lovers! In 1831, Johannes Klein, an immigrant from Birkenau in Hessian, wrote in a letter about the Pennsylvania Germans of Franklin County, "If they don't have meat three times a day, they can't stand it. Meat eating here is really astounding. My neighbor, a shoemaker, devoured four hogs in three months and has to earn it all by shoemaking."

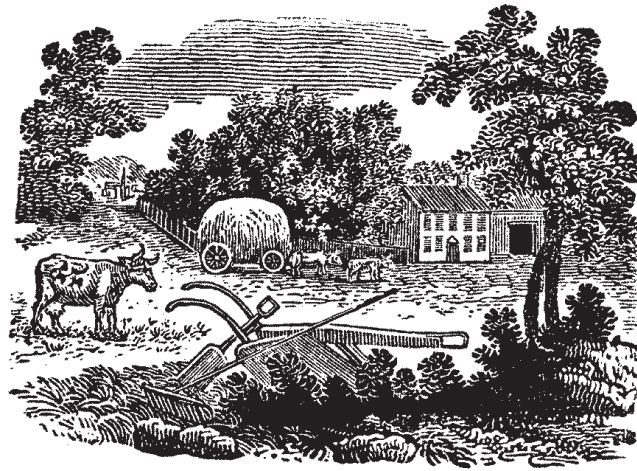
The favored meat of the Pennsylvania Germans was pork. In their native Germany, peasant farmers could raise hogs without pastures, which was necessary since the nobles owned the pastureland. Though farm sizes in the New World were typically larger than in Europe, the pork tradition continued. The meat from hogs was versatile, and the "whole hog" could be used without waste.

Farm families slaughtered their animals in late fall or early winter, when cooler temperatures helped prevent spoilage. In fact, Pennsylvania Germans referred to November as Schlachtmunet (butchering month). Bacterial growth is retarded at 40 degrees, so the ideal temperature for butchering is above freezing but below 40 degrees. An additional pair of hogs was butchered for Christmas. If needed, yet another butchering might be done in January or February, but only if the farmer had sufficient fodder to feed the animals that long into the winter. Freezing temperatures caused the blood and meat to freeze, and might complicate this late winter butchering.

The Butchering Process

Butchering day began before the sun rose when women and older children prepared fires for heating water to fill the scalding trough and butchering kettles. The men and older boys, meanwhile, would kill the hogs with either a shot or a killing blow to the head.

Immediately after killing, the animal was scalded in a trough to loosen the hair. The hog was dunked, then worked out with ropes or chains. The carcass was scraped to remove the coarse bristles, which were reserved for use in brushes (paint, whitewash, etc.). [Author's note: One elderly attendee at a traditional butchering I observed at Landis Valley remarked that his family had



used boar bristles to insulate young tobacco plants on his farm in Southern Maryland.] The hog was then hung by its back legs from the gallows in preparation for removing the head, internal organs and intestines.

The gallows were constructed from three strong saplings forming a tripod, linked at the top with an iron bolt, and equipped with iron hooks from which to hang the hog. Hanging was accomplished by slitting the back leg at the rear of the ankle above the hoof, and hanging from at least one of the two tendons located there.

Once on the gallows, the carcass was shaved with a sharp blade to remove any fine hair missed by the hog scraper. The head was removed, and the hog split down the middle. Intestines and organs were carefully removed so as not to contaminate the meat.

Women and girls had the special task of emptying and cleaning the intestines (an average was 24 feet long) for use as sausage casings.

Cleaning involved expressing the contents, then gently scraping and rinsing, inside and out, while wrapping the cleaned intestine around one's hand as work progressed.

Once cleaned, the intestine was stored in salt water until needed. These "natural" casings are available today in specialty meat markets, and many commercial sausages are prepared with natural casings. A modern substitute made of petroleum product is also used commercially.

The organs (heart, liver, lungs, etc.) may have been placed in a kettle of hot water and cooked to make a dish called "potpudding." Once cooked, the organ meats were removed from the broth, chopped into small pieces and put into another kettle. Broth, pepper and other spices were added. Once well blended, this product was packed into crocks or loaf pans for storage in a cool cellar. The pans were often sealed with lard for long-term keeping.

Butchering Yielded Variety of Cuts

Various cuts of meat would be harvested from the hog. In general, front cuts were to be used fresh. Rear cuts

(continued on next page)

were cured for keeping, using either a salt brine method, or a dry rub cure (salt, saltpeter, pepper and spices) and smoking, depending on the cut. Pennsylvania Germans originally used smoking to sterilize meats prior to storage. They employed the "cold smoking" method in which a smoke chamber was created in an attic space, either of the home (*Rauchkammer*) or in a smokehouse. This way, smoking took place away from the heat source.

Traditional Pennsylvania German cuts did not include chops or large shoulder roasts. Rather, the largest cut was the *Rickmeesel*, or back piece, made by cutting down both sides of the backbone along parallel lines four to six inches from the center (depending on the size and sex of the pig). The *Rickmeesel* was used primarily for stewing with sauerkraut, or sour braising if meaty enough.

This cut left two long strips of meat, one large and one small, called *Fischflesch* (fishmeat) due to their shape. This cut was also called *Siesseflesch* (sweet meat) as it was the most tender cut of pork.

The *Rickmeesel* stopped between the shoulder blades at the *Jutt*. The *Jutt* contained the back of the neck and butt, and was considered the best cut for sour braising. This left small shoulders, and of course, the hams.

An alternative was to cut the sides of the butchered hog into crosswise strips. The strips were packed, on edge, into a barrel or firkin, with the rinds touching the sides. Salt covered the bottom of the barrel and was also sprinkled between layers of meat. Boiling water to cover the pork was poured into the barrel, then a board set atop to weight the pork beneath the water. If frothing or redness developed in the brine, the cook was directed to pour off the brine, scald it, and return it to the barrel while still hot. [Salt was too valuable a commodity to waste!]

The Whole Hog: Pork By-Products

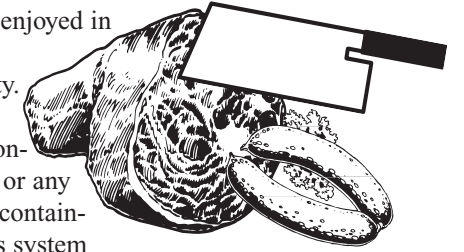
As the butchering proceeded, scrap bits of meat and bones were cooked with broth, spices, cornmeal and buckwheat to make *panhaus*, German for *pan fried meat*. This, too, was stored in crocks or loaves for later use.

Very little of a butchered hog went to waste. Some of the meat harvested was finely chopped or ground, combined with a favorite blend of spices and stuffed into intestine casings to make sausages. These varied widely by region and even by household, depending on tradition and whim of the cook.

One specialty item from hog butchering is tongue. While beef tongue was boiled or smoked and sliced into salads or sandwiches, or floured and fried in butter, the hog tongue was often the prominent meat in making *Schwartemawe* ("pig stomach stuffed with bits of skin.") Modern-day hog maw is derived from a variation, *Siemawe*, and is mostly potatoes, cabbage and breadcrumbs with very little meat.

Of course, pigs' feet could be pickled, or boiled and spiced, and eaten warm or cold. Ears, jowls, eyes, snout and brains might have been used to prepare "headcheese,"

a specialty widely enjoyed in the Pennsylvania German community. Modern cooks are cautioned not to consume eyes, brains, or any part of the animal containing central nervous system



connections due to their association with mad cow disease, and chronic wasting disease in deer.

No discussion of butchering would be complete without a discussion of rendering. Lard was one of the most important byproducts of the hog. Leaf lard, the fat lining the abdomen and kidneys, was crucial in baking. Coarser lard, rendered by heating in a kettle over low heat, had a variety of uses ranging from cooking, sealing crocks and soap making to use in medicinal salves. Cracklings, the crisp flesh that bubbled to the top of the kettle at the end of the rendering process, was a favorite treat on butchering day.

An Old Country tradition of preparing a *Metzelsupp*, or Butchering Day Stew, continued in the New World. This rich sausage stew was shared as a communal meal with family, friends and neighbors who helped with the butchering. *Metzelsupp* was also a common gift at Christmas, and could be used to settle social debts. A traditional day for landlords to deliver *Metzelsupp* to tenant farmers was St. Martin's Day—also the day rents were due.

Insights From the Past: Lessons for Our Future

It has been enriching to broaden my understanding of this facet of early farmstead life through visits to historic sites, much reading, and primary source stories provided by my colleague and fellow staff member, Doris Goldman, as she recounts her own early memories as well as those of her parents, grandparents, aunts and uncles.

I have found an even greater pleasure in sharing this understanding with visiting students through the institute farmstead program, *From Field to Table*. Although they shudder at the idea of using a pig bladder to cover a crock ("like Saran Wrap" we tell them) and squeal as an intestine casing is filled in demonstration, these young historians gain a glimpse into the difficulties our ancestors faced in sustaining themselves, and the sheer physical requirements of keeping a family fed and clothed.

Additionally, I am gratified to help children understand their own reliance on the natural world, and the agricultural community, for the food they often take for granted. Traditions, and understanding, have faded as industrial scale farming removed us from connections to our food supply. *Hats off* to those of you who plant a garden, raise a chicken, or otherwise keep our agricultural traditions alive—and *thanks* to those of you employed in the agricultural community who keep us fed!



**Bill Flohr—
Flying High
for Renfrew**

Bill Flohr is in the position of honor “on top of the mushroom” for his many

years of dedication to providing the local community with the opportunity to “go fly a kite” at Renfrew.

A familiar figure to anyone who’s attended Renfrew’s annual Fun Fly event, Bill has organized the kite fly—which he calls “a rite of spring”—for eleven years. The event includes free flying time, plus a kite-making workshop for children.

Bill’s love of kite flying began in 1977 when, on a whim, he packed an old kite his father had given him for a vacation at Hilton Head Island. Flying the old parachute kite on the beach was so enjoyable, Bill said, that he stopped by a kite shop and got a new kite for the next day.

The new kite flew higher and better than the old one, “and my interest in flying kites just took off from there.” Back at the kite shop, Bill found a magazine, *Kite Lines*, and discovered there was “a whole little world of people who enjoy flying kites.”

He learned that kite-flying events were popular all over the country. One of the largest of these is held annually by the Smithsonian Institution in Washington, D.C. “Thousands of kite-flyers travel to this event from all over the United States,” Bill said. “It’s wonderful to see the beautiful and unusual kites they bring.” Another popular event is held bi-annually in Ocean City, Maryland.

According to Bill, Renfrew Park is the perfect place for a kite fly. “I see old friends, locals, families with children, all having fun,” he said. Bill especially enjoys working with children. “Helping a kid to fly a kite is great,” he said. “Any kite can be made to fly higher and better...and I know some of the secrets.” Bill recites an old adage among kite flyers, “You could fly a manhole cover with enough wind, if you rigged it up right!”

After a decade, the annual Fun Fly remains popular. “The key to a successful fly is to keep it simple,” he says. “At the Renfrew kite flies, I keep the emphasis on having fun. No contests, no pressure, just fun.”

In years past, Bill also served on the institute’s Adult Education Committee, conducting toy-making workshops with Willard Rahn. “They were old-fashioned kinds of toys,” he said, “like children of long ago may have played with.”

While no longer conducting workshops, Bill and his wife, Twila, create unique handcrafted “toys,” which they sell at local craft shows. “We make primitive, kind of funky dolls,” Bill said. “I make the heads from paper mache, and Twila makes the bodies and clothing from vintage fabrics we find while antiquing.” Bill also creates



“Kite Man” Bill Flohr, in action at Renfrew park.

woodcarvings and items made from sheet tin, “mostly Jack-O-Lanterns and other Halloween items,” he said.

Bill and Twila are both natives of Waynesboro, where they still live, and have two grown daughters. Bill is a pharmacist at Home Care Pharmacy in Smithsburg, Maryland.

Thank you and congratulations, Bill—enjoy the view from “On Top of the Mushroom”!

Must we always teach our children with books?

Let them look
at the mountains
and the stars up above.

Let them look at the beauty of the waters
and the trees
and the flowers on earth.

They will then begin to think
and to think
is the beginning
of a real education.

~David Polis

Renfrew Institute is pleased to announce new underwriting support. The fourth grade environmental education program *Home Sweet Home* was underwritten in part this past spring by **Jack Gaughen Realtor ERA**.

During the *Home Sweet Home* program, students meet the “mayor” of Renfrew Park, who invites each of them to take a job as a plant or animal within the natural community of the park.

They prepare to “move in” to one of the three available communities—field, forest or marsh—by considering all the needs of their assigned organism. Upsets in the ecosystem stir up a chaotic reorganization in the three areas. A court trial presided over by “Judge Mopner” with input from each student leads to some amusing results while students learn the environmental concepts of interrelationships, community and nutrient recycling.

Jack Gaughen Realtor ERA has 15 offices across central and south-central Pennsylvania with more than 500 sales associates and staff. Each office is locally managed. Michael Cordell is manager of Waynesboro’s Jack Gaughen office. Past experience in helping with Renfrew Institute’s Pumpkin Festival introduced Cordell to the institute. “When I heard about the *Home Sweet Home* program, it was a perfect fit for us,” he said.

Don Gibe and Nancy Erlanson have provided funding support for the environmental program, *Lifesavers of the Chesapeake Bay*. Former institute staff

member Nancy Erlanson left our area several years ago when her husband Don accepted a transfer to Nevada through his employer Citicorp. Nancy and Don have stayed in touch with the institute over the years, and it was with great pleasure that we received their support for the Chesapeake Bay program. Nancy was very involved in developing and creating some of the props that were used in the bay program, and also spent many hours as a Chesapeake Bay program instructor.

During *Lifesavers of the Chesapeake Bay* program, fifth grade students are launched on a journey to four high activity learning stations. Earning a “Lifesaver” at each station, students gain important information about the geography, biology, and ecology of the Chesapeake Bay. They discover its relationship to themselves as watershed residents and ways they can help to preserve and protect the estuary. In the process, students see that the water quality in our local stream, the Antietam Creek, is directly related to the health of all water bodies downstream, including the Bay.

As greater numbers of students and families discover and participate in institute programming, it is crucial that our funding opportunities grow proportionately. We thank these organizations and individuals for their new support of Renfrew Institute and welcome them to the family of program and event underwriters.

Tracy Holliday

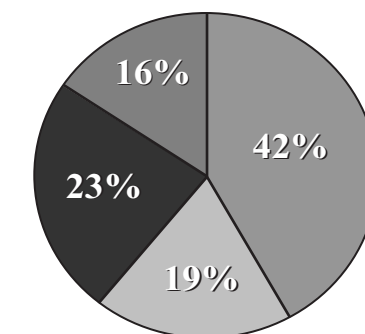
**gifts
New
Sponsorships**

Renfrew Institute’s Financial Health

Renfrew Institute Financial Statement 2004-05 (July 1, 2004 - June 30, 2005)			
Operating Income		Operating Expenses	
Memberships	\$28,785	Salaries/benefits (includes FICA, Medicare)	\$ 94,548
Bequests, Memorials*	22,123	Special Events	4,715
Student Fees	25,463	Fund Raisers	11,673
Grants/Sponsorships (educational programs/publications)	34,088	Suppl., Printing, Postage (programs, office, newsletter, etc.)	8,603
Grants/Sponsorships (special events)	7,150	Professional Devel.	1,193
Fund Raisers (Pumpkin Fest, Corn Maze, Bay Supper)	25,561	Admin./Consult. Fees	975
Other (special projects, interest, misc. donations, etc.)	657	Phone/Internet	1,478
Accounts Receivable	2,592	Insurance	2,219
		Misc. (petty cash, bank fees)	324
Total Income	\$146,419	Total Expense	\$125,728

*Generous undesignated memorial gifts from 2004-05 have been assigned in part as follows for 2005-06: Endowment (\$6,000) Technology-Phase 2 (\$3150) 4-Sq. Garden fence repair (\$500)

Renfrew Institute Assets as of 6/30/05



16%—Margaret Keller Fund—\$10,050
19%—Money Market Account—\$12,203
23%—Endowment Fund—\$15,061
42%—Checking Account—\$26,833

TOTAL ASSETS: \$64,147

1
2
3
4

Institute: Organization & Volunteers for 2004-2005

BOARD OF DIRECTORS

Timothy W. Rahn, *President*
Allison Kohler, *Vice President*
John S. Blubaugh, *Treasurer*
Leonora R. Bernheisel,
Secretary
Liane Miller Benchoff
Marc F. Desrosiers
Charlene L. Good
Richard I. Hersh
John W. Keller
Diana Kielholtz-Gunder
Edward C. Miller
Susan Shull Murphy
Deborah W. Pflager
M. James Rock
Donna H. Steiner
Linda F. Zimmerman

STAFF

Melodie Anderson-Smith,
Executive Director
Sherry Hesse, *Director of Cultural Studies*
Tracy Holliday, *Assistant Director*
Beverly McFarland, *Accounts Manager*
Andrea Struble, *Public Relations Director*
Doris Goldman, *Faculty*
Nancy Hall, *Faculty*
Mary Harsh, *Water Striders Instructor*
Stephanie Kober, *Faculty*
Virginia Rahn, *Faculty*
Edna Rice, *Faculty*
Pamela Rowland, *Faculty*
Lori Schlosser, *Faculty*
Nora Slick, *Faculty*
Angela Zimmerman,
Newsletter Ass't.

Interns

Sara Ayazi, *High School Summer Intern*
David Mahaffey, *Graduate Intern*
Holly Smith, *Graduate Intern*
Laurel Swope, *College Summer Intern*

VOLUNTEERS

Educational Programs & Office Assistance Volunteers

Louanna Sturm
Pat Heefner
Phyllis King
Frank Larson
Edward A. Miller
Clay Moyer
Mary Ann Payne
Angela Grove Weagly

Adult Education Committee

Tim Rahn (Chr.)
Leonora Bernheisel
Garrett Blanchet
Phyllis Brothers
Marie Campbell
John Elder
Tom McFarland
Edward C. Miller
Willard Rahn
Jeff Rhodes
Andy Smetzer

Development Committee

Vacant (Chr.)
John Blubaugh
George Buckey
Allie Kohler
Tim Rahn

Facilities Committee

Allison Kohler (Chr.)
Leonora Bernheisel
John Blubaugh
John W. Keller
James Rock
Tim Rahn

Ad-hoc Institute & Museum

Facilities Committee

Allison Kohler (Chr.)
Leonora Bernheisel
Robert Brown
George Buckey
John W. Keller
James Rock
Tim Rahn
Jim Ross (Museum Curator)

John Frantz (Sup. Bldgs. & Grounds)

Melodie Anderson-Smith (Institute Director)
Sherry Hesse (Director of Cultural Studies)
Tracy Holliday (Institute Assistant Director)

Finance Committee

John Blubaugh (Chr.)
Richard Hersh
Tim Rahn

Accounting Consultants

Linden A. Showalter, CPA
Michael S. Snyder, CPA

Historian

Mary Ann Payne

Membership Committee

Edward C. Miller (Chr.)
Liane Benchoff
Carol Ann Henicle
Diana Kielholtz-Gunder
Edward A. Miller
Clayton Moyer
Debbie Pflager
Willard Rahn

Nominating/Gov. Committee

Linda Zimmerman (Chr.)
Dudley Keller
John W. Keller
Allison Kohler
Edward A. Miller

Special Events Committee

Susan Shull Murphy (Chair)
Charlene Good
Allison Kohler
Lynn MacBride
Donna Steiner
Angela Grove Weagly

Strategic Planning Committee

Tim Rahn (Chr.)
Melodie Anderson-Smith
Leonora Bernheisel
Marc Desrosiers
Sherry Hesse
Tracy Holliday
Diana Kielholtz-Gunder
Allison Kohler

Deborah Pflager
Linda Zimmerman

Youth Education Committee

Charlene Good (Chr.)
Susan Shull Murphy
Pamela Rowland
Donna Steiner
Rita Sterner-Hine (WASD liaison)
Linda Zimmerman

ADULT/TEEN PROGRAMS & PRESENTERS

Andy Smetzer & Tri-State Astronomers—*Fall Star Party*
Lori Schlosser—*Owl Walk*
Elizabeth Warner—*Deep Impact: Our First Look Inside A Comet*
Angela Weathers & Ray Eckhart—*Garden Bugs: Integrated Pest Management*
Eric Darlington—*Eight Legs: Spiders and Such*
John Laskowski (Mothman) —*Moths: The Good, The Bad, The Ugly*
Sterling “Buzz” Buzzell, John DeMars, Bill Lewis & Bill Wells—*Fly-tying Workshop*
Willard Rahn—*Spring Birdwalks*
Vertis Bream—*Power-UP! Alternative Energy Ideas*

YOUTH AFTER-SCHOOL/WEEKEND PROGRAMS & PRESENTERS

Mary Harsh—*Water Striders*
Charlene Good (Chr.), Cindy Forbes, Bob North, Donna Steiner, Debbie Stine, Beth Vassalo—*Passing It On: Summer Crafts for Kids (Summer 2004)*

SPECIAL EVENTS: VOLUNTEERS & PRESENTERS

Jazz Festival 2004

Andrew Sussman (Chr.)
Liane Benchoff
Barbara Bowersox
Charlene Good
Carol Ann Henicle
Tracy Holliday
Allie Kohler
Edward A. Miller
Edward C. Miller
Clay Moyer
Susie Murphy
Debbie Pflager
Willard Rahn
Emily Shipman
Eunice Statler
Donna Steiner
Nicola Sussman
Sally Sussman
Bob Zimmerman
Linda Zimmerman

Halloween Storytelling

Susie Murphy (Chr.)
Brittany Koll
Ken Koll

Annual Renfrew Fun Fly

Bill Flohr (Chr.)
Tina Flohr

Earth Day 2004

Bonnie Bachtell
Bill Barns & Mike Howard (Hagerstown Honda)
Candy Bennett (Antietam Humane Society)
Vertis Bream (Energy Options)
Judy Bricker & Maggie Cisar (Flower Buds - Waterside Gardens)

Bonnie Fox (Strawberry Hill Nature Center)
Dave Carroll & Gary Higgen (Younger Toyota)
Sherry Clayton, Dan Wolfe & David Wolfe (Franklin Co. Planning Commission)
Sherry Craig (The Cloth)
Ann Davis
Ruth & Stanley Davis (Population Connection)
Becky Dietrich, Mike Mowen & Tom Smith (Franklin Co. Rock & Mineral Club)
Cindy Ecker (Cunningham Falls State Park)
Mark Spurrier
Warren Elliott (Chr., Franklin Co. Commissioners)
Beth & Chris Firme (Keystone Trails, tables)
Kathy Fotheringham (Antietam Girl Scouts & Products Customized & Kreated)

Charlene Good
Shirley Gossert (Record Herald)
Cal & Zach Grass (Dog Sled Team)
Cindy Hallberton (Conococheague Audubon)
Mary Harsh (Water Striders)
Michael Howard & Bill Barns (Hagerstown Honda)
George Hurd (Penn State Cooperative Extension)
Randy Hess (Keystone Ford)
Rudolf Lemperg & Cheryl Gates (My Farm at Goose Pond)
Russell & Florine Long (Long's Tree Service)
Karen Manderson (Shoulder Works—seated massages)
Bev McFarland
Tom McFarland
Birgitt Osterling
PA Bureau of Forestry—Michaux State Forest
Lori Penrod (Traveling Tails)
Cheryl Plummer (Franklin Co. Commissioners)

Steve Rettig & Pat Heefner (Antietam Watershed Assoc.)
Patric Schlee (Drum Circle)
Richard Schulman, Lisa Collins (Freedom Electronics Recycling, Inc.)
Mary Ellen Selvaggio (School Exhibits)
Emily Shipman (Water Striders)
Holly Smith (PA Audubon)

(continued on page 11)

Organization & Volunteers (continued from pg. 10)

Jodi Spickler (Feng Shui Serenity LLC)
Susan Stampien (Natural Alternatives & Energy Vitamins & Health Foods Store)
Barry Stone (Rehabitat)
Joyce Stuff (Franklin Co. Bluebirds)

Youth Festival 2005

Alexanna Hillson (Co-Chair)
Molly Serpi (Co-Chair)
Beth Angles
Tyler Barnhart
Jessica Carpenter
Mike Dudash (River & Trail Outfitters)
Katy Hill
Ted Hillson
Stephanie Kober
Emily Ledden
Karen Manderson
Peggy Jo Martin
Tom McFarland
Dwayne Robinson
Maggi, Alex & Krista Serpi
Nora, Greg & Jeb Slick
Waynesboro Area Children's Theatre

Children's Summer Stories

Claire Hunter (Chr.)
Sara Ayazi
Jean Cashin
Dorothy Fawks
Lauren Fawks
Ricky Fawks

FUND-RAISING EVENTS

Pumpkin Festival/Corn Maze/Haunted Farm

George Buckey (P. Fest Co-Chair)
Debbie Pflager (P. Fest Co-Chair)
Jason Piatt (Co-Chair)
Cathy Bercaw (C. Maze Co-Chair)
Richard Mohn (C. Maze Co-Chair)
Alen Freeman (C. Maze Student Co-Chair)
Garrett Blanchet (Trebuchet Chair)
Jim Ross (Haunted Farm Chair)
AARP South Chapter
Bonnie Bachtell
Michelle Baranowski & S. Mtn. Bible Church Youth
Marie Beck
Liane Benchoff
Mike Bercaw
Leonora Bernheisel
Beta Y Gradale
Connor Blanchet
Sean Blanchet
John & Bobbi Blubaugh
Jonathan Blubaugh & Friends
Bonded Applicators
Rob Bostic
Phyllis Brothers
Marty Buckey
Carolyn Carson

Dave Clement & BSA Troop 19
Frank & Susan Conway
Phyllis Croson
George Crouch
Larry Davis
Marc Desrosiers
Becky Dietrich
Bill Elden
John Elder
Jenne & Nathan Esser
John & Toni Fickett & Family
Beth & Chris Firme
Five Forks Fruit
Betsy Fleagle
Kay & Paul Fontaine
Bruce Francis
Addie Frantz
Alan Frantz
Alma & Herb Frantz
David Franz
John, Jean, Louise & Harrison Frantz
Angie Freeman
Craig Freeman
Robert Fry
Future Business Leaders of America
Javonta Gardner
W. H. Gelbach, Jr.
Liz & Bill George
Sue Geotz & Faith Methodist Youth
Doris & Bob Goldman
Nathan Goldman
Charlene Good
Diana & Paul Gunder
Nancy Hall
Robby Hall
Elet Hall
Hammond's Painting
Bobby Hamner
John Hasty & Adventure Crew 97
Pat Heefner
Carol Ann Henicle
Glenn Herrold & B. Ridge FFA
Dick & Joann Hersh
Sherry Hesse
Tracy Holliday
Bill Hoopes & BSA Troop 97
Katrina Hoopes
Zach Hoopes
Claire Hunter
David Hykes
Edgar & Ruby Hykes
Ivy Hill Farms
Shawn Johnson
Elena Kehoe
Phyllis King
George Kirk
Deb Kissinger
Stephanie Kober
JoAnn & Allie Kohler
Ken & Brittany Koll
Denny Koons
Katie Koons
Caroly & Bill Krouse
Louise Kyser
Emily Ledden
Damion Lehman
Kenny Lemmon
Tom Lawson & BSA Troop 32

Nancy & Jeff Mace & The Parlor House Restaurant
Martins Food Store
Alice McCleaf
Mary Kay McCleary
Michael McDonald
Beverly McFarland
Tom McFarland
Joe & Rachael Meirose
Ed & Ann Miller
Guy Miller
Edward C. Miller & Lydia Lander
Richard & Wendy Mohn
Mont Alto Family Practice
Harry Morningstar
Sue Mowen
Clayton & Polly Moyer
Susan Shull Murphy
Lisa Naugle & Church of the Brethren
Roy & Doris Nester
Sherry Newcomer
Dustin Nichols
Alice Noll
Delmos Oldham
Jim & Evelyn Oliver
Paul D. Orange
Birgitt Osterling
Deanna Painter
Ginny Parks
Anita Pfeuffer
Bill Pflager & Scouts #19
Daniel Pflager
Julie Pflager
Kiah Rahn
Tim Rahn & Nancy Hughes
Virginia & Willard Rahn
Kay Ressler
Bonnie Rhodes
Edna Rice
Jim Rock
Mary Rocks
Steve Rost & Sharon Allison
Daniel Rost
Pam & Bruce Rowland
Carleen & Dave Russell, Noah & Micah
Herb Sandifer & Waynesboro Construction Co.
Rodger Savage & Savage Family Pharmacy
Bob Scalse & B.S. Pack #218
Lori & Eric Schlosser
Curt Schlosser
Sarah Schlosser
Claire Schuler
Krista Serpi & Girl Scout Troop #1005
Maggie Serpi
Molly Serpi
Bill Shank
Marcy & Mike Shea
Crystal Shockey & Girl Scout Cadets #737
Laura Shull
Lois Shull
Jeff Simmers & FFA
Jeremy Simmers
Rebecca Simmers
Nora Slick
Jeb Slick
Luke Slick

James Smith
Jeremy Smith
Lauren Smith & YMCA—CITs
Cindy Spinella
Eunice & Charlie Statler
Doug & Debbie Stine
Donna & Bob Steiner
Roy Stoner
Andrea & Roy Struble
Sally Sussman & Jack Gaughen Real Estate agents
Doug Tengler
Sue & Meghan VonRembow
Greg Wagaman
Peg Wagaman & St. Andrew Church Youth
Karl Warren
Wayne Distributors
Waynesboro College Club
Angela Grove Weagly
Sharon Weaver
Louise West
Tammy Wetzel
Sara & Neil Yost & YMCA Swim Team
Linda & Bob Zimmerman

CHESAPEAKE BAY SUPPER
[PLEASE SEE COMPLETE LIST OF BAY SUPPER VOLUNTEERS, PATRONS AND SPONSORS ON PAGE 15]

Thank
You
One
&
All!

New Bookshelves for Institute Library

Christian Desrosiers of Waynesboro recently created an attractive wall unit of much-needed bookshelves for Renfrew Institute for his Boy Scout Eagle project.

The 6-foot-tall shelves were custom-designed and built to the institute's specifications. Christian made the shelves wider at the bottom, which not only provides added stability, but also accommodates a variety of items, including oversized children's books.

The shelving project entailed a number of steps. Christian submitted a detailed plan to Boy Scout officials for approval as an Eagle Scout project. He successfully sought donations toward the project from family, friends and institute members. (Many thanks to those who contributed to this project!) Christian's fundraising efforts were so successful that the cost of the project was covered, with funds leftover. These will be used to purchase library supplies.

After securing materials, Christian enlisted help from fellow Scouts to build the shelves. He also received help with the project from his parents, Marc Desrosiers and Emelda Valadez.

In addition to building the bookshelves, Christian catalogued the children's books and nature-related field guides as a start to the institute library's database.

Many thanks to Christian for beautiful, professional quality bookshelves, which provide a handsome home for the institute's growing library.



Above, Christian Desrosiers among the many books he created a home for. Right, the shelves Christian built for his Eagle Scout project.



FOCUS ON RESEARCH Students Have Strong Feelings About Renfrew

(continued from page 5)

parents, friends, teachers and/or scouts, or their particular attitude the day of the survey.

As each generation becomes further removed from the natural world, educators can help students develop and nurture respect, concern and passion for the natural world in order to become active stewards in our environment's health. We must literally bring children "back to nature" over and over.

Renfrew Institute is doing just that. The overall positive environmental attitudes exhibited by Waynesboro area sixth grade students reveal that repeated visits to Renfrew Park throughout elementary school help foster feelings of stewardship. Students enjoy and appreciate Renfrew's trees and stream, and recognize the importance of nature in their lives.

Additionally, now that Renfrew Institute has a baseline of data upon which to refer, challenges and successes can be more clearly defined, and its mission can be made even more robust.

Survey Administration

Participants first choose which individual description they are most like, and then choose whether they are "a lot like" or "only a little like" the individual in the statement by selecting the large box or the small box. (see sample below)

Scoring: Each question was given a score from 1 to 4, with 4 representing the most pro-environmental response. Scores were summed to create a total score ranging from 23 to 92. Scores ranging from 69-92 (75% to 100%) would be achieved if each response scored either a 3 or 4, therefore, scores above 69 demonstrate the most positive attitude toward the environment. Scores ranging from 47-69 (51% to 74%) were considered neutral. Scores ranging from 23-47 (25% to 50%) demonstrate the least positive attitude toward the environment.

Musser, L.M., and A.J. Malkus. 1994. The children's attitudes toward the environment scale. *Journal of Environmental Education* 25 (3): 22-26.

<p>6. When I explore nature's wonders, I don't mind if I step on bugs & plants.</p> <p style="text-align: center;"> <input type="checkbox"/> <input type="checkbox"/> </p>	<p>Or</p>	<p>When I explore nature's wonders, I try not to step on bugs & plants.</p> <p style="text-align: center;"> <input type="checkbox"/> <input type="checkbox"/> </p>
<p>12. It doesn't matter to me if we take care of Renfrew Park or not.</p> <p style="text-align: center;"> <input type="checkbox"/> <input type="checkbox"/> </p>	<p>Or</p>	<p>I think we should take good care of Renfrew Park.</p> <p style="text-align: center;"> <input type="checkbox"/> <input type="checkbox"/> </p>

WASD Scales Back Renfrew Programs...

But Promises Continued Participation

By Melodie Anderson-Smith, Executive Director

You may have seen the front page article in Waynesboro's *Record Herald* on June 29 announcing changes initiated by the Waynesboro Area School District (WASD) with regard to student attendance at Renfrew Institute programs. You may be wondering what this means for the Institute and the WASD students who have been coming to Renfrew every year like clockwork.

It seems important to provide for you, our supporting members, a summary of these changes and how they will impact our organization and the children of our "home" school district.

School District Policy Changes

This past spring 2005, WASD administrators asked their elementary teachers to review Renfrew Institute program offerings at each grade level and to choose two programs for their students. The programs must be half-day programs that could be paired for attendance on the same day by two classes at a time. Attending a third half-day program or a bigger program like *Green Energy*, which includes three half-day sessions, would no longer be an option. The kindergarten program *EarthSeekers*, which is a year-long curriculum with three seasonal visits to Renfrew would have to be cut back or discontinued.

After hearing of the proposed changes, our administrative staff felt that it was imperative to proceed in a professional manner—refraining from speculation, hoping to work things out with district administrators, and ensuring that communication was accurate and sensitive.

Administrative Meetings

A few weeks after the information began to circulate, I received a call from Sherian Diller, WASD Director of Elementary Education, asking our administrative staff to meet with district administrators about the proposed changes. We welcomed the opportunity. Institute Assistant Director (and master of schedules), Tracy Holliday, Director of Cultural Studies, Sherry Hesse, and I met with Mrs. Diller, Assistant Superintendent, Gloria Pugliano and Hooverville principal, Rita Sterner-Hine.

There were two meetings about a month apart. During the first meeting we learned that the plan was to limit the number of programs students would attend, and the district wanted our recommendations for two half-day programs for each grade level. Dr. Pugliano and Mrs. Diller explained that this was being done to achieve program consistency across the district (something we have always encouraged), to reduce bus costs (which we have supported through careful scheduling) and, *primarily*, to lessen the amount of instructional classroom time being lost through field trips.

We also learned about teacher choices at each grade

level. In grades where three programs were available, the elimination of one was required. Reluctantly, but in a spirit of cooperation, we agreed upon a district-wide plan for two specific programs for each grade. There are only two programs designed for 5th and 6th grade students, but from 4th grade down, each grade suffered a program loss. On a positive note, we were pleased to hear the repeated expression from the administrators of support for Renfrew programs and their desire to continue annual participation at every grade.

The second meeting served to finalize choices and to continue a tabled discussion of the *EarthSeekers* program. I stated at the first meeting that I would "lobby hard" for keeping this program, especially in light of a new initiative to promote, research and publish the program over the next 3-4 years. At the second meeting I presented a written draft of the initiative and strongly encouraged the district's participation, which would require an even greater district commitment to *EarthSeekers* than in past years.

Programming Changes

Our goal throughout the process was to maintain a continuum of program content, building student understanding and skills from kindergarten through 6th grade. We also wanted to keep intact the meaning of the "Heritage Keeper" ceremony. This activity awards sixth graders a certificate and special necklace commemorating students' successful completion of the seven-year-long environmental and cultural studies series at Renfrew. We were focused upon preserving the integrity and educational value of the *sequential* series.

How do we, the institute staff, feel about the changes? The loss of three excellent half-day programs for Waynesboro students is very disappointing. Each of these programs has special components that are memorable for students and accompanying parents. Making butter, creating a micro-park, finding the ME piece of a giant puzzle, meeting puppet characters Mother Nature, Owl and Rowena, doing the "water-cycle boogie," searching for Park Ranger Henry Hooter—all will be missed.

Also missing will be fourth grade *Green Energy*, the first formal school program designed for Renfrew. The wonderful poetry (by students and teachers) that you have read in winter issues of this newsletter is created during *Green Energy's* "Magic Spot" time—when students sit quietly in their own special place in Renfrew's hardwood forest. *Green Energy* was an icon for fourth graders and the length of the program gave our instructors an opportunity to build a "camp-like rapport" with students and help them deepen their relationship with Renfrew as their park.

EarthSeekers

The loss of the kindergarten *EarthSeekers* program is most discouraging. Developed 13 years ago as a year-long environmental education program for young children, it was first implemented at Greencastle-Antrim School District's environmental center. The following year

continued on page 17

Nurturing CURIOSITY!

(continued from page 1)

Antrim School District's environmental center (Tayamentasachta), Renfrew Institute will host returning kindergarten classes from St. Andrew School in Waynesboro, Guildford Hills and Fayetteville elementary schools in the Chambersburg Area School District and new this year, Chambersburg Montessori School. These six classes will join nine classes from Greencastle as we take the program to new heights. Watch for more reports on this exciting development!

WaterStriders: The watershed studies program for middle school students has several new participants and begins the year with renewed sponsorship funding from Waste Management. We expect new activities as well as continuation of monthly chemical monitoring of the Antietam Creek at Renfrew. There is community-wide CURIOSITY about potential impacts of all the new land-use development upon our local streams. The *WaterStriders*, under staff instructor, Mary Harsh, are becoming experts at water monitoring and will be working on displays for Earth Celebration Day 2006 that will help us understand the meaning of the data collected. More ice cream and custom designed t-shirts are in the WS plans for this year! [See more on page 16.]

Those Special Events: Your favorites—Jazz Fest, Halloween Storytelling, Annual Kite Fly, Earth Celebration Day and Youth Festival—are all returning this year. If you were CURIOS about the collaboration of jazz musicians for this year's summer concert, you were probably as pleased as the organizers were on Sunday, August 28. The largest crowd ever (estimated at 500–700) attended the institute's 14th Annual Jazz Fest, enjoying a picture perfect day with the cool sounds of guitarist Paul Bollenback along with world-renowned headliner, Bud Shank on sax. Bassist James King and drummer Nasar Abadey completed the quartet. Vocals by Chris McNulty added an extra bonus. The institute's membership committee delighted the crowd by providing lemonade and cookies at intermission. Institute member Clayton Moyer delivered an inspirational message about the institute and its service to the youth of our community. Special thanks and kudos to Andrew Sussman, executive director of the Cumberland Valley School of Music, former RI board vice president and founder of our jazz event, for once again bringing together an outstanding group of musicians.

Care to Hurl a Pumpkin? Join us for the 12th Annual Renfrew Pumpkin Festival on Saturday, October 15 (see more details on page 17). This fund-raiser has become an icon of the Fall season for the Waynesboro community. Your CURIOSITY will be piqued this year with a new feature—the *Pumpkin Trail Treasure Hunt!* Check it out at the festival!

Tenth Annual Chesapeake Bay Supper: After another successful supper at the end of our 2004–05 year, this enjoyable event (that nets more than \$6,000 for the

institute) is planned for June 30, 2006. We are already CURIOS to see what emcees, "Sushi" Shull Murphy and Tom "Turtle Music" McFarland will come up with to bring out the laughs at next year's supper. [See more on page 15]

Partnerships: Renfrew Institute continues to develop new partnerships with organizations around the region, combining resources to produce programs and projects that engage CURIOS learners throughout our service area. Currently we are working with the Alliance for Aquatic Resource Monitoring (ALLARM) at Dickinson College, Antietam Fly Anglers, Antietam Watershed Association, Conococheague Institute for Cultural Studies, Franklin County Rock & Mineral Club, Tayamentasachta: A Center for Environmental Studies at Greencastle-Antrim School District, and Tri-State Astronomers. We also collaborate with and seek assistance from groups and program centers like the Accokeek Foundation, Alliance for the Chesapeake Bay, Chesapeake Bay Foundation, Landis Valley Farm Museum and ThorpeWood.

Please bring your own CURIOSITY to our ongoing planning process. If you have an idea that you would like us to consider, do give us a call (717-762-0373) or email (renfrewinst@innernet.net). Your CURIOSITY could lead the institute to its next educational program discovery!

Melodie Anderson-Smith

Thanks

...to **Louise Kyser** for washing sweatshirts from the "extra clothing box" at the end of the spring school program season.

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

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

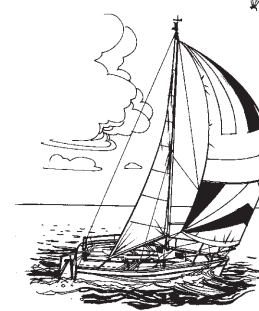
Special Thank You

... to **Patrick Brezler** for donating 3 gorgeous photographic color prints of four-square garden flowers (close view), taken at Renfrew by Pat.

... and to board member **Leonora Bernheisel** for having the flower prints framed for our office wall.

... to **LeRoy S. Maxwell, Sr.** for donating a cash award presented to him by the Franklin County Bar Association in honor of his long record of community service and ethical practice of law. *Congratulations, LeRoy!* This funding will be applied toward publication of endowment fund promotional materials.

2005 Chesapeake Bay Supper Another Big Success!



Renfrew Institute's Eighth Annual Chesapeake Bay Supper, held at the Waynesboro Country Club on July 1st, was a great success! The food was great, the decorations fun and fabulous, and attendance reached an all-time

high of 157! We continue to increase attendance with each year.

The ballroom was filled with diners, and the main dining room held food and auction items. Total proceeds were \$6,424.29, making this supper the most profitable yet. Kudos once again go to the Bay Supper Committee and the staff at the Waynesboro Country Club for all their hard work. A big "Thank You" to Steve Graham of Pungoteague, Va., formerly of Waynesboro, for his donation again this year of little neck clams (steamed for the supper)! Added thanks to emcees Tom McFarland "Sushi" Shull Murphy (who was a hoot in her mermaid costume!) for sharing their creative talents.

Be sure to mark your calendar for June 30, 2006—gather your friends and come be a part of the ninth annual fest, feast, and fundraiser!

Pat Heefner

Thank You...

Thanks to everyone who supported the supper including the following generous sponsors and patrons...

SPONSORS

Advanced Financial Security, Inc.
Blubaugh's Tire & Wheel Sales
Noelker & Hull Associates, Inc.
Patterson, Kiersz & Murphy, P.C.
Stephen A. Rost, Smith Barney, Inc.
Savage Family Pharmacy
Waynesboro Internal Medicine Associates
Wayne Heights Animal Hospital

PATRONS

Darwyn & Dawn Benedict-Remax Associates Realty	Ed & Ann Miller
Mark & Clare Caron	Mrs. Joyceanne Murphy
Frank & Susan Conway	Mr. & Mrs. R. Thomas Murphy
Christopher & Beth Firme	Paul & Laurie Orange
Bill Gelbach	Cheryl & Ken Plummer
Steve Graham	Nancy Hughes & Tim Rahn
Jay & Pat Heefner	Mike & Teresa Rea
Carol Ann Henicle	Barbara & Richard Rook
Richard & Joann Hersh	C. Russell Schaeffer, Jr.
Mike & MaryBeth Hockenberry	Bill & Lois Shull
Edward & Barbara Kercheval	Eunice Statler & Jordan Trostle
Mrs. Marguerite Kiersz	Nick & Jan Turano
Mike & Brenda Krepps	Charles & Undine Warner
Frank Larson	Barbara & Corbin Wilson
Lynn MacBride	Bob & Linda Zimmerman
Mr. & Mrs. LeRoy S. Maxwell	Angela Grove Weagly
	Rebecca Wertime

More Thanks...

SILENT AUCTION & RAFFLE DONORS

Anonymous Donors	Harry & Jill Morningstar~
Marie Beck	Waynesboro Furniture Market
Max Creager	Melinda Robinson~
Gene & Patti Farkas	Health & Healing Center
Anne Finucane	Rich & Barb Rook
Paul & Diana Gunder~	Patric Schlee
Jack Gaughen Realtor ERA	Eunice Statler
Steve Graham	Sally & Andrew Sussman
Jay & Pat Heefner	Bill van Gilder
Susan Keilholtz	Karen Walters~
Becky Long-Chaney	Karen's Custom Framing
Karen Manderson	TranquilTEA
Ann Miller	Wolfe's Bakery & Gifts

DOOR PRIZE DONATIONS

Green Arbor • The Bay Supper Committee
Jean Cashin • Donna Steiner

And...A huge **THANK YOU** to the following members of the planning committee & their helpers:

Event Co-chairs: Pat Heefner & Susan Shull Murphy

Emcees/Music: Tom McFarland & Susan Shull Murphy

Silent Auction/Raffle: Diana Keilholtz-Gunder (Chair), Matt Gunder, Susan Keilholtz

Decorations: Ann Miller (Chair), with help from others listed here

Invitations: Eunice Statler (Chair), Barbara Gaydick, Pat Heefner, JoAnn Kohler, Susan Murphy, Angela Grove Weagly, Janet Zook

Food & Arrangements: JoAnn Kohler (Chair), Waynesboro Country Club—Don Harriman, Ronda Kleppinger & Staff

Set-up: Allie Kohler, Donna Steiner, Jordan Trostle



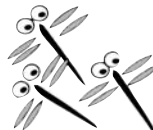
Bay Supper Co-Emcees, "Sushi" Shull Murphy and Tom "Turtle Music" McFarland.

WaterStriders Begin New Season

WaterStriders instructor Mary Harsh (photo at left, in center), and a freshly recruited group of nine teens, launched a new year of the WaterStriders program on September 7th at Renfrew Park. Youth Instructor, Emily Shipman (right), and Youth Coordinator, John Tabor (left), will assist with the program, which involves water quality monitoring and other water related activities and field trips for middle and high school students. WaterStriders is funded through a grant from Waste Management of Upton, Pa. Special thanks to Cheryl Shields, WM's Community and Municipal Relations Representative, for her enthusiasm and efforts to secure her company's continued sponsorship support.



Indoors or out,
WaterStriders is fun!



WASD Scales Back Renfrew Programs...

continued from page 13

Renfrew Institute launched the program for WASD, St. Andrew School, and two schools from Chambersburg Area School District (Guilford Hills and Fayetteville).

The program's popularity with kindergarteners, teachers and parents is well documented. EarthSeekers children build an early foundation for environmental learning and stewardship feelings for natural areas like Renfrew. An integral part of EarthSeekers is family participation, which extends the reach of the program's goals. Underwriting grants provided by Waynesboro Rotary Club and F&M Trust support EarthSeekers at Renfrew.

There is some good news! Both EarthSeekers sponsors have written letters of support for the program and are likely to continue their sponsorships. St. Andrew School will continue to participate into the future and will be part of the exciting new EarthSeekers initiative (see page 1). Our Chambersburg schools are on board and we will welcome Chambersburg Montessori School to the program. Our partner in the initiative, Greencastle-Antrim, will also continue the program. Some discussion about EarthSeekers continues with WASD. We are hoping that the district will return to the program at some future time.

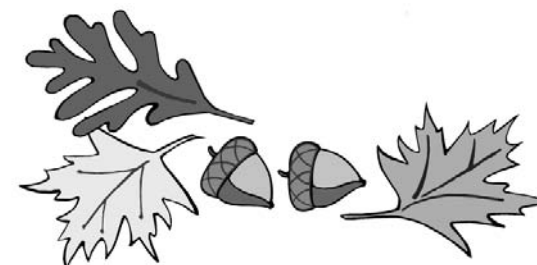
Looking Ahead

Green Energy will become part of our new 2006 Summer Institute. The three half-day programs, Dairy Culture, Henry Hooter's Park Ranger Training and Earth Encounters will continue. These programs are heavily booked with public schools outside of Waynesboro, St. Andrew School, other private schools and homeschool groups. Openings left by the absence of WASD classes will soon be filled by others. We have never had to advertise our programs—new teachers come based on recommendations from others!

At Renfrew Institute we are an optimistic bunch of people. We will find ways to build on this experience and strengthen the work that we do. With your ongoing support, we will continue to serve our regional communities and will work hard to restore full participation by WASD.

If you have any questions please feel free to call one of our administrative staff (717-762-0373) or talk with any of our board members.

[Note: Special thanks to institute member and just retired WASD kindergarten teacher, Bonnie Bachtell, for championing the EarthSeekers program and for trying so hard to save it for Waynesboro children.]




Collecting for Pumpkin Festival:

- Scarecrow clothes—long-sleeved shirts and long pants only, all sizes

Please drop items off at Renfrew Visitor Center

Renfrew Museum and Renfrew Institute are having another

Pumpkin Festival

Where: **Renfrew Park**
1010 East Main Street, Waynesboro, PA

When: **Saturday, October 15**
(Rain or Shine)

From: **11 am to 4 pm**



Thanks to our sponsor M & T Bank for supporting this event!

Why: to have fun and raise \$\$\$ for Renfrew Museum & Renfrew Institute.

Admission: **\$6 Adults**
\$4 Kids from 4 to 12
FREE to kids under 4

Includes food* (soups, breads & cider), hayrides, live music & face painting.

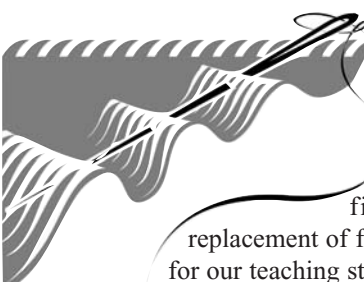
FUN NEW ACTIVITIES!

- The **Pumpkin Trail Treasure Hunt** with PRIZES for successful treasure hunters
- A **Raffle** with GREAT prizes
- fun photo scene set-ups—bring your camera!

PLUS...BLUEGRASS MUSIC BY "FAST TRAIN"

Pumpkins Available—Priced by Size
When you buy Renfrew pumpkins, we'll help you carve them for free!
(Adult supervision & safe carving tools provided.)

More Information: (717) 762-0373 or (717) 762-4723
*Hot dogs and sodas available and sold separately. Plus, a Bake Sale!



Farmstead Clothing Donations Needed

We are requesting financial donations for replacement of farmstead clothing for our teaching staff. Some of our period clothing is showing wear, and we would like to replace it. We are asking for a donation of up to \$200 to put in a "clothing fund." If you can help, please let us know!

Fall/Winter 2005 Calendar of Events



Fall Program – Gettysburg: Sacred Meaning in America

Thursday, September 22, 7:00 PM, Renfrew Visitors Center

This presentation is a program of the Pennsylvania Humanities Council (PHC), supported in part by a grant from Columbia Gas of Pennsylvania.

Commonwealth Speaker, Brian Black, Assistant Professor of History & Environmental Studies, PSU-Altoona, explores changing ideas of the sacred through the landscape of the Gettysburg National Military Park, one of the nation's most visited historical sites. He briefly discusses the 1863 battle before using maps and visuals to discuss the policies and mandates that have preserved and managed this battle site for nearly 150 years. Free and open to the public.

Sorry, no corn maze this year.

In preparation for next year's WaynesboroFest, the maze field will be planted in wheat. Historic wheat harvest and threshing events at Renfrew are being planned for summer 2006. Plan to join us in the field for these interesting experiences! The new crop will also allow the maze field to recover from a growing problem of invasive weeds.

Tenth Annual Renfrew Pumpkin Festival

Saturday, October 15, 11 AM-4 PM

Co-sponsored by Renfrew Institute and Renfrew Museum as a joint fund-raiser. Pumpkins and gourds grown in Renfrew's pumpkin patch will be on sale. A team of artists will carve or help others to carve intricate designs (no charge). New feature this year: **Pumpkin Trail Treasure Hunt**. Other activities include: pumpkin hurling trebuchet, hayrides, face painting, music, and free soup, cider and bread. Hot dogs, sodas, t-shirts sold separately. Admission charged. [see ad, page 17]



Renfrew Haunted Farm

Friday & Saturday, October 21, 22 & 28, 29, evenings

Co-sponsored by Renfrew Museum and Renfrew Institute as a joint fund-raiser. Guided tours of the Renfrew farm will feature dramatizations by local theater groups depicting haunting Legends of the Old Country. Will the Renfrew sisters appear? Come and find out! Admission tickets \$9 at the gate, all ages. Age 3 and under, free. Family/Discount packages available. Concessions (food, drinks, glow necklaces, etc.) extra.

Halloween Storytelling

Wednesday, October 26, 6:30-7:30 PM

Underwriting support provided by Patriot Federal Credit Union

Annual evening of spooky tales featuring a guest storyteller. The event will be held in the Fahnestock Barn or another site on the property. Bring flashlights.



Creatures of the Night - Owl Walk

Date to be arranged in January, 6:30 PM, meet at Visitor Center

Renfrew Institute staff member, Lori Schlosser, will conduct this outdoor walk to areas of Renfrew Park most likely to attract owls, including the Barred and Great Horned owls. Schlosser will use taped owl calls to attempt to draw owls close enough for viewing. A brief pre-walk information session will help participants learn more about these nocturnal creatures and be better prepared for the walk. The event is free and open to adults and children accompanied by adults. Dress warmly and bring flashlights.



Save The Date!
Mark your calendars now
for these fun family events!

THANK YOU— Departing Board Members

It is always bittersweet to bid farewell to board members rotating off the board each year. Each member gives special skills and lots of time to further the mission of the organization. We are deeply indebted to these generous individuals for their contributions.

John Blubaugh, Treasurer – After serving the board as a regular member for three years (1999-2002), John became treasurer in July 2002. He made budgeting more flexible and provided a visionary look at the institute's financial picture. He was instrumental in securing several key sponsorships. John helped the administrative staff get through "bumps" in budget planning and was a voice of support for staff assistance and innovation as well as salary increases. John also served on the facilities committee, helping to find technology upgrade equipment. We appreciate all his help and hope this avid golfer can find a bit more time now for an extra round on the links!

Judge John W. Keller – Judge Keller served as a member of the institute board for the past three years. Known for his "wise counsel," Mr. Keller helped the institute sort through information of a legal nature on several occasions. He also provided written documents about endowment giving and estate planning. His constant support and encouragement to the board and staff will not be forgotten...and indeed, he may (as he has offered to do), be called upon at any time for such assistance. We wish Judge Keller well and hope he enjoys being a "snowbird" (to Florida) again this winter.

Tim Rahn, President – Tim took office as president of the board on July 1, 1999 and continued to serve in this capacity till expiration of his second full term on June 30, 2005. He had already been serving as a board member since January 1997 (filling an unexpired term vacancy). Tim's long run on the board was highlighted by his leadership as president of the board, chair of the adult education committee, chair of the strategic planning steering committee (SPSC) and service as a member of nearly every institute committee at some point. His strong commitment to improving board governance and efficiency has resulted in several changes including adding "governance" to the title and duties of the nominating committee and encouraging board-building activities as part of the institute's ongoing operations. His dedication to adult education has ensured years of excellent lecture programs and hands-on workshops planned by his committee for adults and teens. We can't thank Tim enough for the long list of contributions he has made to the institute, and we are pleased that he has agreed to continue as chair of the SPSC committee. As a devoted birder, Tim may get a little more time now to pursue that and his many other interests.

Welcome! New Board Members

The following individuals were elected to the Renfrew Institute Board of Directors at the June 20, 2005 board meeting. Each is serving a three-year term July 1, 2005 through June 30, 2008.

Patricia F. Heefner (Waynesboro, PA)

Richard A. "Red" Mohn (Waynesboro, PA)

Thomas D. Singer (Waynesboro, PA)

Thanks to each of these dedicated volunteers for agreeing to join the leadership and governance of the institute. We look forward to their fresh ideas and enthusiasm. Watch for a profile on them in the next issue of *Streamside*.

Melodie Anderson-Smith



RENFREW INSTITUTE BOARD OF DIRECTORS

Allison B. Kohler, *President*

M. James Rock, *Vice-President*

Richard I. Hersh, *Treasurer*

Leonora Rocca Bernheisel, *Secretary*

Marc F. Desrosiers

Liane Miller Benchoff

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Diana Kielholtz-Gunder

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Susan Shull Murphy

Deborah W. Pflager

Thomas A. Singer

Donna H. Steiner

Linda F. Zimmerman

RENFREW INSTITUTE STAFF

Melodie Anderson-Smith, *Executive Director*

Tracy Holliday, *Assistant Director*

Sherry Hesse, *Director of Cultural Studies*

Beverly McFarland, *Accounts Manager*

Andrea Struble, *Director of Public Relations*

Doris Goldman, *Faculty*

Nancy Hall, *Faculty*

Mary Harsh, *WaterStrider Instructor*

Stephanie Kober, *Faculty*

Virginia Rahn, *Faculty*

Edna Rice, *Faculty*

Pamela Rowland, *Faculty*

Lori Schlosser, *Faculty*

Nora Slick, *Faculty*

Melodie Anderson-Smith

Our Wish List...

- ❖ Book: *Hands-On Nature, Information and Activities for Exploring the Environment with Children*, edited by Jenepher Lingelbach & Lisa Purcell, Vermont Institute of Natural Science (new or used)
- ❖ One or two pairs of wool carders @ \$45/pair
- ❖ Additional underwriting sponsor(s) for this newsletter (\$250 to \$1,000)
- ❖ Funding for 40 additional rain ponchos for use by school groups (\$400)
- ❖ Garden cart with bicycle-style pneumatic wheels (new or used, in good condition)
- ❖ Adjustable-arm desk lamp (new or used)
- ❖ Book: *Caterpillars in the Garden*, by Thomas J. Allen, Jim P. Brock & Jeffrey Glassberg
- ❖ Book: *Butterflies of North America*, from Kaufman Focus Guide Series
- ❖ Old boards to use for paths and sides of 4-square garden beds. Boards must be untreated lumber, can be any length, very low-grade is OK. Prefer 6" or 8" width but any width is usable and gladly accepted.

Wish List "Thank You"

- ❖ **Doris Goldman:** Books: *The Heirloom Garden*, by JoAnn Gardner; *Keeping House: Women's Lives in Western Pa. 1790-1850*, by Virginia K. Bartlett

Beyond the Wish List...Thank You Too!

- ❖ **Steve Graham:** Book—*Diary of An American Boy* by Eric Sloane.
- ❖ **Pat Heefner:** Books—*Turning the Tide* by Tom Horton; *The Herbalist* by Joseph E. Meyer
- ❖ **Rudolf Lempert:** Book—*My Farm at Goose Pond* by Rudolf Lempert
- ❖ **Mary Moyer:** Book—*Weaving, Discovery Box*, pub. by Scholastic
- ❖ **Pat O'Connor:** Children's books—*What is Hibernation? & What is Migration?* both by Bobbie Kalman & John Crossingham; *What are Camouflage?*, by Bobbie Kalman, John Crossingham & Mimicry; *How Do Animals Adapt?* by Bobbie Kalman; *What are Food Chains and Webs?* by Bobbie Kalman & Jaqueline Langille; *Big Tracks, Little Tracks* by Millicent E. Selsam; *Animals in Winter*, by Henrietta Bancroft & Richard G. VanGelder; *Footprints in the Snow* by Cynthia Benjamin; *What Color is Camouflage?* by Carolyn Otto; *What Do Animals Do in Winter?* by Melvin & Gilda Berger; *Follow the Water from Brook to Ocean* by Arthur Dorros; *Time to Sleep* by Denise Fleming; *Down Comes the Rain* by Franklyn M. Branley
- ❖ **Shenandoah's Pride/Walter Smith:** 12 quarts of cream for spring dairy culture program.
- ❖ **Bev McFarland:** Tabletop shelf unit and wire holder.

Streamside

Renfrew Institute for Cultural and Environmental Studies

1010 East Main St. Waynesboro, PA 17268 (717)762-0373

