

a community partner dedicated to protecting the quality of life in the Keweenaw through land conservation

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Volunteer Stewards Flying High

By Norma Boersma

KLT was pleased to have several new volunteers help us kick off our new stewardship program.

Jo Foley enthusiastically stepped up to take over the annual monitoring for the Bete Grise South easement. Jo has used the monitoring as an opportunity to both walk and kayak the property, which covers over 1000 acres, and has even gone so far as to visit the property from the air. Jo arranged a fly-over of Bete Grise with Paul Leep, a Houghton ophthalmologist. In late October, Paul and Jo flew over both Bete Grise South and Lightfoot Bay (on Huron Bay) in a Cessna 182. Paul flew low enough so that Jo could take pictures of both sites with her Olympus Stylus 300.



Volunteer steward Jo Foley viewed Bete Grise Preserve from the window of Paul Leep's plane. Photo by Jo Foley

Although Jo had never taken aerial photos before, the pictures turned out wonderfully. Jo and Paul also flew over Manitou Island, between the peaks near Brockway Mountain, and over other areas in the Keweenaw.

Jo definitely went above and beyond (!) what she volunteered to do, but has had a tremendous amount of

fun in doing it!

Another new volunteer, Kathy Halverson, wrote the following about her experience:

"I responded to a request for volunteers to help monitor KLT conservation easements that was printed in the last newsletter. I thought it would be interesting to learn more about what this would entail and that it would be an enjoyable

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Tall Ship Visits Keweenaw...Falls in Love

By Todd Brennan

Did you see us? When we were tied up at the Houghton waterfront, or as we passed under the Portage Lift Bridge, raised with just a few feet to spare? How about when our sails were set on Keweenaw Bay making way for Bete Grise? Or maybe you were on Isle Royale to see Wisconsin's Flagship come into Rock Harbor and drop anchor? The three-masted, traditionally-rigged Great Lakes schooner S/V *Denis Sullivan* is an unmistakable sight, the only one of its kind sailing the lakes. Discovery World at Pier Wisconsin (DWPW) and KLT brought this recreation of a Great Lakes schooner to the Keweenaw's waters this past July 10-16.

Based in Milwaukee, DWPW is a fellow non-profit, re-establishing the historical, cultural and environmental bonds between communities and their most valuable natural resource, the Great Lakes. With the S/V *Denis Sullivan* as a floating classroom for hands-on educational opportunities, DWPW raises awareness of the Great Lakes ecosystem and environmental concerns, and promotes preservation of our rich maritime history. With compatible missions, a partnership between DWPW and KLT was a natural, together highlighting the connections between land and water conservation. As part of this event, the MTU Department of Education

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Recruits learning to rig jib sails on Lake Superior.

Photo by Todd Brennan

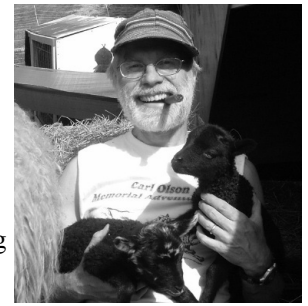
The President's Corner:

Paying the Piper: KLT President presents a challenge

Another Annual Meeting has passed us by. This year we are pleased to have Jeanne Kurtz and Suzanne Van Dam joining us, both bringing valuable skills to the Board. And we say so long and thanks to Mark Gleason who was unable to run for re-election, having moved. Among other things, we want to thank Mark for his energy in bringing the Tall Ship to our area.

It has been just about two years since we moved from being a fully volunteer organization to having a small staff (actually I'm referring to the amount we are paying, not their stature). Evan came on board two years ago and Pat this past January. Both are half time paid staff, although they put in many hours gratis. And what a difference this has made.

Land conservation is a very time intensive activity. Whether it is talking and planning with individual family landowners who want our help in placing conservation easements, working with partners such as Eagle Harbor Township, Houghton Keweenaw Conservation District or The Nature Conservancy, or providing a means for individuals or organizations to protect land they want to donate, an amazing amount of time and energy is needed to do the job well. Our Board is talented and dedicated, but as is often the case, we are involved in many other activities. This is where Evan and Pat have made all the difference. They take the time to meet with individuals and families to make sure all their questions are answered. They pay attention to the legal details to make sure there are no hitches. And they are available to work with partners in such a way that KLT's efforts are multiplied. (I just couldn't quite bring myself to use "leveraged").



Proud master of twin lambs!

There is so much activity going on now, I have a bit of trouble keeping everything straight, but as I count it, KLT completed five projects during our first eight years. This actually is a pretty good record for a new land trust starting up, learning and getting organized. However, in the last two years, we have completed five more projects and have at least a dozen actively being worked on.

I'm attempting to weave several themes together here. First, KLT is maturing into a solid organization contributing significantly to our home. Second, although the dedication of our volunteer Board is the foundation, the geometric growth in our activity is due largely to having paid staff. And third, paid staff are uh.... paid.

Where does this pay come from? Grants for ongoing operations expenses are few and far between. Fund drives for specific, special places are usually much more successful than those for paying the rent. So, I'd like to leave each and every member with a **CHALLENGE!** **Sue Ellen and I will match every donation of \$50 or more dedicated to operations between now and December 31, 2005 up to \$10,000.**



Thanks to all of you for helping to keep the Keweenaw such a special place. Merry Christmas! Terry Kinzel □

KLT Volunteer Stewards

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contribution I could make to KLT.

Volunteers attended a training session for monitors at the KLT office during the summer. At this session we learned about monitoring notebooks prepared for each protected property. These notebooks contain a plethora of information about the land under conservation easement, including biological, legal, and ownership information. They include photos of the land over time and record changes in ownership, management, and land conditions.

I was asked to take responsibility for visiting one particular parcel of land every year to satisfy KLT's commitment to see that the terms of a donated easement are upheld over time. It was emphasized that KLT works to build and maintain a positive relationship with the private landowners and that the role of the

monitors is to record any problems or changes, but not to try to intervene if there is a problem. Having a great relationship with the landowners makes it more likely that they will be advocates for KLT both within their neighborhood and elsewhere.

Steve Albee, Justin Barnes (MTU grad student in Environmental Policy) and I visited Erwin and Janet Simi, the landowners whose easement I monitor, in early September. We spent a pleasant hour chatting with Erwin about their property, which is a mix of farm fields and forests. The land has been in his family for generations and he cares about it deeply. Then he took us on a tour of the property, explained and showed us what he'd been doing on it in the past year, and showed us around "China," the neighborhood in which he grew up. Afterward, we returned to the

house for Janet's great cookies, coffee, and more pleasant talk. The visit took 4-5 hours, including travel time down near Nissula where they live. Afterward, I spent an hour or so writing up the KLT monitoring paperwork. It was great fun meeting terrific people, seeing a beautiful piece of property, and helping KLT to boot. I highly recommend it to anyone who is interested in volunteering for KLT!"

Paul Sulisz, Don Arkin, John Hribljan, Christa Luokkala, and Dana Richter also participated in the monitoring program this year. Our thanks goes out to all of them for taking on this vital role. If you are interested in "adopting" an easement and joining our stewardship program, contact Pat or Evan at the KLT office or call Norma Boersma (482-4153). □



MEET BOARD MEMBER JEANNE KURTZ

Jeanne is a recent member of the KLT board of directors, and a third generation resident of the Keweenaw. A graduate of Michigan State University's School of Business, she spent about nine years away from this area for school and work, returning "home" to the Keweenaw Peninsula in 1977 as a licensed real estate sales associate and appraiser. She's been involved in Keweenaw real estate ever since and has been an associate broker since 1980.



Like many others who grew up here, "I took for granted the freedoms provided by the lack of 'NO TRESS-PASSING' signs and the clean, clear air and water. I grew up exploring Whealkate Bluff, Mill Mine Junction, 'Baltic Falls,' 'Crusher,' Lake Perrault, and the beaches and 'woods' of Rabbit Bay. My extended family got together regularly to hunt, fish, camp, ski, bike, hike and boat (both with and without motors) depending upon the season. As more of the beautiful and remote areas of our Keweenaw Peninsula become less accessible, it's important to ensure that there is 'wild' space for both human and non-human beings to exist and thrive."

Jeanne lives in Houghton with her husband Craig. Their three children, Graham, Lucy and Leah, graduated from Houghton High School and are pursuing interests of their own. This leaves more time for her to become involved in the Keweenaw Land Trust. She hopes her love of wild places and years of experience selling and understanding land uses and rights will enable her to contribute to the trust's goals. □

What I Did This Summer Summer Interns Report

Rachel Toczydlowski

I spent part of my summer vacation helping both KLT and myself, by working as a KLT intern. My main project was a survey of the pond at the Paavola Wetlands Preserve. From a canoe, which was not easy to get in there, I collected data on basic water quality, like pH, conductivity and light penetration, along with samples of the emergent aquatic plants, phytoplankton and zooplankton in open water and under floating plants, and invertebrates living in sediments on the bottom of the pond. I made a PowerPoint slide show presenting this survey work, which is available at the KLT office. I also did some trail work there, and learned more about using a GPS. Next spring and summer I plan to continue with more survey and trail work at the Paavola Wetlands, and learn how to use GIS software to map my data along with other features at the preserve. I thank my Dad, a field ecologist, Joe Kaplan, Dana Richter, and my brother Al for helping me with this work. □ *Rachel is currently a 10th grader at Hancock High School.*



Rachel sampling biota in the pond at Paavola Wetlands this summer.

Photo by her Dad, Dave T.



Karla Kingsley

I wasn't quite sure what to do with the time period between graduating college and starting my "real life." I decided to come home to the Keweenaw for the summer, and when I heard that the KLT could use an intern, I knew I could gain some valuable experience and do some work for a great organization.

The KLT is focusing on becoming more visible and decided to develop some literature about the projects they have worked on. It was my job to do some interviews and get the ball rolling. I interviewed some of the past KLT presidents, in order to document the history of the organization. I took a trip out to the Covered Road to visit the Harmon-Dlutkowski home for a family interview, where they worked with KLT to put a conservation easement on their land. I also spoke with Gina Nicholas about her decision to preserve her land at Dan's Point. On the fourth of July, I participated in the KLT's fundraiser - the HorseTail Scramble - with my camera and notebook, and documented the event's success.

My work fit my interests quite well - interviewing people, writing, and working within an environmental organization. Now if only I could figure out what to do with my "real life." □

Karla is currently living her real life in Minneapolis, working for an environmental non-profit organization.

KLT Board of Directors 2004-2005

Terry Kinzel, President
Hancock Township

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Vice President
Hancock

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Mark Roberts, Treasurer
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Erik Lilleskov
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Ann Mayo-Kiely
Calumet

Evan McDonald
Executive Director

Pat Toczydlowski
Project Specialist

Tall ship loves Keweenaw *continued from page 1*

offered continuing education credits for K-12 math and science teachers.

Beginning at the Ford Forestry Center, orientation covered cultural and natural history of the Keweenaw, Isle Royale and Lake Superior. MTU Professor Susan Martin explained the Ojibwe people's understanding of their environment and their utilization of Keweenaw resources like copper. Bruce Petersen, KLT board member and Natural Resource Conservation Service professional, presented ongoing stamp sand remediation projects to stabilize areas impacted by past industrial mining. Jim Schmeirer, of the MTU Forestry Dept., shared the history of Henry Ford's Alberta Village and ongoing research programs of the Ford Forestry Center. Bill Rose, MTU geology professor, explained the geological features of the Keweenaw and Isle Royale linked by the Lake Superior rift. MTU researcher Dave Toczylowski overviewed the biogeochemistry of water and nutrients in Lake Superior watersheds. Evan McDonald rounded out the orientation, highlighting several land conservation programs in the region.

Once underway, the new "green" passenger crew of the *Sullivan* went through safety training and drills, which included donning bright orange, full body immersion suits...in the July heat! With a decent breeze on Keweenaw Bay, the passenger crew quickly set about raising sails and learning the rigging. Anchored offshore, with the newly christened Bete Grise Preserve as a backdrop, Evan McDonald and Joe Kaplan described recent land conservation successes in the Keweenaw. They discussed challenges to private land conservation in the face of development pressure and changes in land ownership. The next

day, a tour of the Manitou Island Light Station was in store, with Joe and Jeremiah Mason describing some of the Station's history (*see related story*). The *Sullivan* spent midweek on Superior's open waters on the way to Isle Royale.

During the week, participants learned how to take water samples, including from Superior's deepest known areas, as

well as from the shallowest. Superior Shoal is a unique sea mount formation in the middle of Superior, discovered as recently as 1960. We were able to collect bottom sediment samples there and view them under a microscope to reveal hydra in the process of budding and various other invertebrates.

Former KLT board member Mark Gleason helped organize the *Sullivan* event and demonstrated onboard educational and research applications of a Remotely Operated Vehicle (ROV) that explores the depths and sends live video to a monitor on the surface. The ROV ventured through clouds of swimming zooplankton, capturing images of the bottom and small fishes



Photo by Todd Brennan

Candy Peterson explains how Rolf studies moose skulls on Isle Royale for signs of malnutrition.

in a big lake. Candy and Rolf Peterson, KLT members and Isle Royale (IR) researchers, spoke about the results of their wolf and moose studies. At the Peterson's research base on IR, Candy explained how extended hot/dry spells on IR this summer were challenging for moose, which need to stay cool. Aboard the *Sullivan* while anchored in Rock Harbor, Rolf held a question and answer session on the IR wolf-moose research, one of the longest ongoing predator-prey studies in the world. You can read a day by day account of the voyage with water quality data and pictures on

the *Sullivan's* Voyage of Discovery website, http://voyage.pierwisconsin.org/classroom/daily_reports/daily_photos.

We'd like to have another tall ship event in 2006. The *Denis Sullivan* has a busy schedule at Milwaukee's waterfront next summer where Discovery World at Pier Wisconsin will celebrate the grand opening of its new facilities. But the vessel could not let another summer go by without visiting the Keweenaw, and we carved out a few days to put on another memorable Lake Superior program. The dates are July 12-16, starting and ending the voyage in Houghton, with visits to Manitou Island and Isle Royale. We hope to have day sails as part of this program, so more people can experience this magnificent schooner. Call the KLT office at 906-482-0820 if you'd like to participate in this unique opportunity. □

Todd Brennan is the S/V *Denis Sullivan* Education Officer. Learn more at www.pierwisconsin.org

My First Visit to Manitou

by Jeremiah Mason

I want to preserve both our natural and our cultural heritage, as the two should be complementary. So I was pleased when KLT acquired Manitou Island Light Station to preserve not only the island's natural resources but also the historic light station itself. I hope everyone knows that reuse is important for reducing humanity's ecological footprint, and I think that preservation and reuse of historic structures is the ultimate in reuse—important for a sustainable future.

I am also excited by KLT's Manitou Preserve because my Corgan family forebears were stationed there as light keepers in the 19th and early 20th centuries. Despite my personal connection, I had never visited the site, so I jumped at the chance to go when Joe Kaplan asked me to give a presentation for the *Denis Sullivan* event. The *Sullivan* took Joe and me with them when they sailed from Houghton. We had two days aboard the ship – an incredible experience in itself!



Photo by Todd Brennan

Mark Gleason, holding ROV at center, as First Mate Patrick Selep readies the tether prior to a deep descent.



Photo by Todd Brennan

Jeremiah, far right, with *Sullivan* crew at Light Station.

Sizing up the Light Station

By Ken Czapski

On two beautiful autumn days in September, I made an on-site inspection of the Manitou Island Light Station. As an architect for U.P. Engineers & Architects (UPEA), this was the initial step in preparing a Condition Assessment Report. The buildings and structures include the light tower and keeper's dwelling, fog signal building, oilhouse, sidewalks and retaining wall, dock and other foundation remnants. My work included physical measurements of all structures that will be used to prepare detailed drawings and quantity estimates of materials needed for stabilization and restoration work. I also recorded the condition of buildings with photographs and field notes in order to recommend and prioritize needed maintenance. I collected various material samples to be analyzed for hazardous materials such as asbestos and lead.

I found that all of the buildings were in sound structural condition. The fog signal building, although in need of considerable interior clean-up, is a very solid cast-in-place concrete structure that has withstood time and the elements very well. The keeper's dwelling is a wood frame building that is also structurally sound. The dock, located about one-half mile from the light station site, is in need of the most immediate

attention to prevent further deterioration. UPEA will prepare the Condition Assessment Report and submit a 75% complete draft to the State Historic Preservation Office by late December. Upon completion, this document will serve as a manual to guide future restoration efforts at this important site of Michigan's maritime history. □

At Manitou, Joe presented the ecological importance of the Island, we toured the station, and I spoke about the maritime history and the lights of Lake Superior. I shared some Corgan family experiences keeping lights on the Keweenaw during 1877 and 1883. Standing on the beach, I read the station's log account of the tragic loss of Keeper Reuben Hart of Manitou. Hart's boat capsized in the frigid waters off lighthouse point in May of 1882, and his inept assistant keepers could do nothing more than stand by and watch him drift off toward Canada, clinging to his overturned vessel. To stand at the spot this occurred 123 years earlier, looking out over Lake Superior's vastness, and imagine it happening was a powerful experience.

I was impressed with the integrity of Manitou Island, with its rugged, wild character, as well as with the integrity of the light station. I had heard that some unfortunate remodeling of the station occurred previously, but I was happy to see that many character-defining features remain intact, including windows, the curved double doors and wood paneling inside the tower. In the not-too-distant future, the light station could make a spectacular research facility, with work space and accommodations. I, for one, can't wait for a chance to spend a night – or a summer! □

Jeremiah is a graduate student studying archival science at the University of Michigan.



Photo by Evan McDonald

Dave Toczydowski, Ken Czapski and Joe Kaplan during site inspection in September.

Rare Plant Species and Natural Plant Communities of Manitou Island and Gull Rock

by Janet Marr

This past summer, I explored Manitou Island's rocky shoreline, tangled interior, and lone inland lake searching for rare plant species and natural plant communities. Emily Newhouse, Chris vanDomelen, and Bob Marr joined me for this fieldwork. During May, July, and August visits to the island, I relocated previously known occurrences of about ten rare plant species and found many new locations for these same species, all growing within a stone's throw of Lake Superior along the island's rocky bedrock shoreline.

In Manitou Island's sparsely-botanized interior, I found two occurrences of fir clubmoss (*Huperzia selago*), a Michigan special concern species previously unreported for the island. I discovered a second new species in the interior, possibly the Michigan threatened northern reedgrass (*Calamagrostis lacustris*). I sent a specimen of this grass, along with several grapeferns/moonworts (*Botrychium* spp.) and other possibly rare plants, to the University of Michigan Herbarium for verification/determination. The *Calamagrostis* occurrence and one of the fir clubmoss occurrences are within KLT's Manitou Preserve.

Although much of Manitou Island is vegetated by boreal forest, with balsam fir, white birch, mountain maple, American yew, and mountain ash, the island also has a diversity of other natural plant communities. Inland from Lake Superior's bedrock community, with its many rare plants, are lowland forests dominated by either northern white cedar or black spruce, tag alder thickets, and various communities in and near Perch Lake. A notable community, near the Preserve's west boundary, is a shrub fen with a diversity of plant species including many orchid species, pitcher plant (*Sarracenia purpurea*), tussock bulrush (*Scirpus cespitosus*), leatherleaf (*Chamaedaphne calyculata*), Labrador tea (*Ledum groenlandicum*), and possibly the rare northern reedgrass. A complete rare plant list is available from KLT.

Thanks to Peter Annin of Gull Rock Lightkeepers and his zodiac, I made May and July trips to Gull Rock, a tiny bedrock island located about half a mile west of Manitou Island. Gull Rock's sparse flora was a mixture of native and non-native species. The Hanes Fund and the Michigan Botanical Foundation funded this project; KLT and Copper Country Audubon provided additional support. □

Janet Marr is a locally renown botanist and KLT volunteer.



Photo by Janet Marr

Bob Marr on a bedrock cliff at KLT preserve on Manitou.

Notes from KLT Executive Director Evan McDonald

It shouldn't take a hurricane

It shouldn't take a hurricane to wake us up.

I recently gave guest lectures about private land conservation to classes at Michigan Tech. The instructors wanted examples of how classroom topics applied in the real world. I explained how natural processes of healthy ecosystems are important "ecological services" for humanity, such as providing clean air and water. The hurricane disaster shows that the loss of coastal wetlands meant the loss of the ecological services that those wetlands provided, which included minimizing storm impacts. Searching the internet for hurricane information, I was haunted again by images of human tragedy and destruction. After my lectures I saw a movie partly set in the Louisiana Bayou and coastal areas. Filmed before the devastation and showing villages that no longer exist, the movie gripped me with the depth of the tragedy.

The hurricanes should compel us to think about what we have been taking for granted. The situation that led up to the Gulf Coast disaster is complicated, but experts agree that the devastation in Louisiana was multiplied by the immense loss of its coastal wetlands that occurred steadily over the preceding decades. Past management decisions were not intended to degrade wetlands, but rather to manage the Mississippi shipping channel and levee system. The replenishment of sediment and nutrients for the wetlands, an ecological service of the Mississippi River, was not a priority and the wetlands starved. I think much of the explanation for both the human and natural tragedy falls squarely on one problem: neglect. In New Orleans, that the levee engineering and emergency management programs could handle storms was taken for granted. Something else was taken for granted: that the degradation of the natural environment itself would not have such tragic consequences.

We don't all need to be engineers or planning experts, but we should all have a sense of how the natural world around us works and why it's important to leave significant portions of land for nature. We should pay attention to the land that sustains us. If healthy coastal wetlands survive the repeated battering of hurricane after hurricane, maybe that's what belongs there. We would do well to learn from nature, to work with nature and, in some cases, not engineer a solution better than what nature itself has offered. Still, "out of sight, out of mind" is often how we relate to our world, that is to say, by neglecting matters that need attention. In New Orleans prior to the hurricanes, the wetlands were out of sight and far from peoples' minds in their everyday existence - many of them probably never saw those wetlands up close. (I read in a comic newspaper this week about how the expression "*Out of sight, out of mind*" was entered into a computer program first to be translated into Chinese, then French and becoming "*Invisible insane*" when this chain was translated back into English.)

I hope that this is all a temporary insanity, and our society is going to snap out of it. Back in New Orleans, recent interviews of shopkeepers, car mechanics and bank tellers reveal their increasing concern about wetland protection and restoration. These are not scientists or resource managers, yet they now un-

derstand the role of wetlands and that they must be restored for New Orleans to have a future. Because they were personally affected, they learned that the neglect of ecosystems a few miles from their own neighborhoods contributed to the calamity. If a problem seems unlikely to affect us personally, neglect is likely to happen.

Within the tragedy and ordeals, the resilient human spirit and the ties of community truly offer much hope. The people of New Orleans loved their city, neighborhoods and homes. I dare say many may love their homes even more after their loss. Living in that place rich with history and challenges fostered tightly-knit communities, and a strong sense of belonging to that place. The news reports now are about people rebuilding their neighborhoods or about those still displaced longing and struggling to return home. They are a determined lot and their tenacity may reflect newfound love for what they had taken for granted.

Not every tragedy is on the scale of Hurricane Katrina, but there are other impending tragedies nonetheless. **Fragmenting the landscape with uninspired subdivisions and strip malls, replacing scenery and heritage with numbing uniformity, are tragedies of neglect as well.** The long-term consequences of the loss of wildlife habitat and changes in land use are not clear, but may be regrettable. In the Copper Country we too have a unique, rich, local history and culture, a powerful sense of place, tremendous opportunities to benefit from and enjoy natural resources; all of this is threatened by neglect.

With your help, KLT is taking care of our piece of the world. Our mission is about remembering, caring for, and giving attention to protecting our community land resources and our quality of life. Together, we are not taking the Keweenaw for granted and we are taking personal responsibility to prevent another natural tragedy. □



photo by Todd Brennan

Evan atop the Sullivan's mizzen mast.

The Muse's Muse: a Memorial

When Denise Marth spoke of her muse, one imagined a wood sprite, just like Denise, only tiny, wise in the ways of the boreal forest surrounding her home, first to find morel mushrooms in the spring and the one you called when you found a dead porcupine so she could gather the quills.

She was a gift-giver. Just looking around our house reveals traces of Denise in every room, from a delicate gourd bird house to bundles of bay leaves to beaded birch-bark medallions.

Denise also was a care-giver. Terry remembers: "I recall her covering me with a quilt just as I fell asleep on her sofa, stuffed with one of the feasts that she and Pete regularly put on for friends. The party went on around me, but Denise created the security such that I could fall asleep in public knowing I would be safe."

Denise Marth died unexpectedly this past summer. Many of you may know her as an early KLT board member or as an active member of Trout Unlimited. Others know her as a warm and loyal friend who touched the lives of almost everyone we know.

Denise. We miss you. Terry Kinzel & Sue Ellen Kingsley

Join the Keweenaw Land Trust—Renew Membership

Name _____ Phone # _____

Address _____

City _____ State _____ Zip _____

Email address _____

I am making a year-end challenge gift of \$_____ for KLT operations

I support the mission of the Keweenaw Land Trust. Enclosed are my membership dues:

- | | | | | |
|--------------------------|--------|--------------|--------------------------|--|
| <input type="checkbox"/> | \$15 | Student | <input type="checkbox"/> | I would like someone to contact me with further information. |
| <input type="checkbox"/> | \$25 | Basic Member | <input type="checkbox"/> | I would like to consider donating land or a conservation easement. |
| <input type="checkbox"/> | \$50 | Protector | <input type="checkbox"/> | Please send information on Planned Giving and the KLT Endowment. |
| <input type="checkbox"/> | \$100 | Guardian | | |
| <input type="checkbox"/> | \$250 | Steward | | |
| <input type="checkbox"/> | \$1000 | Conservator | | |

**Dues and contributions are tax deductible. Please mail to:
Keweenaw Land Trust, Inc., P.O. Box 750, Houghton MI 49931**

THANK YOU...

☼ Thanks to Mabel Shandley for donating cameras and other darkroom equipment to KLT upon the passing of her husband, Dr. Paul Shandley, an avid photographer. Critical KLT records, including photographs and maps, need to stand the test of time. There has been discussion within the land trust community, and elsewhere, about the permanence and authenticity of digital photographs and of various inks, papers, and media used in printing and storing documents and images. No standards have yet been established for archival land trust records, but we are fortunate to have local expertise at the MTU Archives. Archivist Erik Nordberg advised us that black and white photography is reliable. KLT may duplicate important photographs using both a color digital camera and a second camera with black and white film on site. Developing black and white photographs may be challenging if needed materials become obsolete, however, if digital photographs prove to be unreliable over time, having the durable B&W negatives alone may be important. Perhaps we can honor the memory of Dr. Shandley by putting his equipment to good use. If you have an interest in utilizing this equipment to help us, please call the KLT office.

☼ KLT thanks Connie Julien for letting Mabel know that KLT may be able to use this equipment, and for Connie's donation of "Endangered and Threatened Wildlife of Michigan" by D.C. Evers to KLT—a great resource for our lands team. Members may borrow KLT library materials. Our new location in our EL Wright Office in Hancock may make the library more accessible to some of you.

☼ Thanks to Emily Newhouse and Mark Jindrich for a small refrigerator to help keep the staff happy and well nourished at the new office.

☼ Thanks to Ann and Dave Mayo-Kiely for donating a computer, printer and ink. □



Thanks to all 2005 HorseTail Scramblers, like Christian Giardina and Keren Tischler, for making the event a success.

Special thanks to Tim Lyons...

...for his continued support of conservation, for helping us get our first office started with a greatly discounted space, and for providing all of the E-Center's facilities for KLT's annual meeting in October. Being the community-minded supporter and entrepreneur that he is, Tim is helping to keep Calumet and Laurium's heritage alive by rehabilitating historic structures. The Vertin Building in Calumet is Tim's latest project – see for yourself what he has done with that historic building while promoting the arts in our community. □



We've Moved! The KLT office has moved from Lake Linden to the E.L. Wright Building in Hancock. **Thanks to** Carol MacLennan, Phil Musser, Dave Toczydowski, Mark Roberts and Suzanne Van Dam for providing their vehicles, time and muscle to help the staff move and set up our furniture. Mark and Donna Beels, owners of the Wright Bldg., are very accommodating and welcomed us to our new home. Please visit us at **Suite 201A, 801 N. Lincoln Drive, Hancock, MI 49930** or call us at our new number: **906-482-0820**. □

KEWEENAW LAND TRUST

P.O. Box 750
Houghton, MI 49931

info@keweenawlandtrust.org
906-482-0820



Happy Holidays!
**Please consider a year-
end donation to KLT**
www.keweenawlandtrust.org

1st Annual TalviTohinat

A Nordic ski-scramble fundraiser for the Keweenaw Land Trust

Saturday, January 21, 2006

MTU Ski Trails in Houghton, MI

10km freestyle ski race at 1:00 p.m.

2.5 km youth race at 2:00 p.m.

6 km family ski scramble at 2:15 p.m.

Registration on race day from 10:00 a.m. to 12:30 p.m.

All proceeds and donations will support KLT land protection and outreach programs.

Details will be posted on www.KeweenawTrails. Watch for posters locally.

Phone the KLT office at 906-482-0820 for more details.

We are pleased to host our first "TalviTohinat" (Finnish for "winter gather and bustle about") scheduled as part of the 2006 Heikenpaiva festivities (see www.pasty.com/heiki for more on the 2006 Festival). Like our summer HorseTail Scramble, this winter ski scramble is a chance for healthy, community activity and family fun, as well as an opportunity to raise awareness about KLT's conservation program. Cider with potluck snacks will follow the races.

Holiday Gift Idea

KLT gift card memberships are available and feature Common Loon and Kirtlands Warbler designs. Card sets are available at the KLT office and several local merchants. Proceeds support KLT. See www.keweenawlandtrust.org for details or call the office at 906-482-0820