

Reading the Landscape

Exploring our Diverse Watersheds

Program Description

2010 Sessions and Fees

WHEN: All sessions meet on Saturdays from 9:30 a.m. to 2:30 p.m., one each month on June 19, July 10, August 7, & September 18. Sign up for one or more of your choice.

WHERE: PLEASE NOTE! The meeting place for each session is indicated in the detailed program. Confirmation with details and directions will be sent when you register.

COST: \$15.00 per session. Sponsors with a * before their name (at right) have scholarships or discounts available; please contact sponsors directly.

REGISTRATION: Registration and advanced payment are required. Please register early; session size is limited. The program is for adults age 16 or older. Registration form is behind the front cover.

BRING: Please bring a bag lunch and water. Bring your own journal for writing and art. Art materials are provided. Most sessions involve a hike. A knapsack is advised for your lunch and journal, field guides, sunscreen, insect repellent, binoculars, pen, and other items. Long pants and long-sleeved shirts are recommended.

QUESTIONS? Please call Patricia Van Pelt at 906-482-0160 or 906-289-4930.

“THANK YOU” SPONSORS

*Keweenaw Land Trust
(906-482-0820)

Copper Country Audubon

*Gratiot Lake Conservancy
(906-337-5476)

Houghton Keweenaw Conservation District

Keweenaw County Historical Society

Michigan Nature Association

Trout Unlimited, Copper Country

Suggested Reading

Marshes -- The Disappearing Edens by William Burt (2007). Seven essays with Burt's outstanding photographs moving from East to West.

Outside Lies Magic -- Regaining History and Awareness in Everyday Places by John R. Stilgoe (1998). “Less a guide than a tool for seeing.”

Hunting from Home -- A Year Afield in the Blue Ridge Mountains by Christopher Camuto (2003), a master at translating his keen observations into vivid textual depictions of outdoor life.

Water -- The Fate of Our Most Precious Resource by Marq de Villiers (2000.) Winner of the Governor General's award in Canada. This covers the world and portrays the water crisis as one of the central challenges facing the planet.

Fishing the Great Lakes, An Environmental History, 1783-1933 by Margaret Beattie Bogue (2000). This readable book looks at the history of agriculture, mining, forestry and shipping around the Great Lakes Basin through their effects on the fish and water resources.

Printed on recycled paper.

Reading the Landscape of the Keweenaw

Summer 2010

Exploring our Diverse Watersheds

everyone in the world lives in a watershed



“Natural Patterns” Rachel Toczydlowski graphite

*“Art is only a means of seeing”
Alberto Giacometti*

**Art and Natural History
Field Trips for Adults**

**Registration Form
Reading the Landscape 2010**

Exploring our Diverse Watersheds

Please indicate session(s) you will attend and number attending:

DATE	PROGRAM
____ June 19	A Water Year
____ July 10	Reading a Trout Stream
____ August 7	Stamp Sands
____ Sept 18	Dynamic Shorelines

All field trips begin at 9:30 A.M.
All sessions are for adults 16 and over.

Enclosed is my payment for _____sessions marked above at \$15 per session. Make check out to :
Keweenaw Land Trust
801 N. Lincoln Drive Suite 306
Hancock MI 49930

Adults attending are:

Name: _____

Name: _____

Street: _____

City, State, Zip _____

Phone _____

E-mail _____

Questions? Please call Patricia Van Pelt at:
906-482-0160 or 906-289-4930

You will receive a confirmation of your reservation.

A WATER YEAR

Saturday, June 19, 9:30 AM - 2:30 PM

Learn how water and nutrients cycle naturally through the watershed of a small stream near Calumet, with David Toczydlowski, field ecologist for a long-term research study of this site. Compare this with the artificial cycle from tap, to lagoon, to groundwater, and back to tap, with the system that serves North Houghton County. We will explore the hydrological “water year” of a gauged stream and the importance of wellhead protection. Create informed ‘maps’ of these water systems with Phyllis Fredendall, Associate Professor at Finlandia University College of Art and Design.

MEET at the Calumet Township Park on Lakeshore Drive.

READING A TROUT STREAM

Saturday, July 10, 9:30 AM - 2:30 PM

Learn to think like a trout – or a fisherman – on this visit to the Pilgrim River with experienced (and retired) Fisheries Biologists Bill Deephouse and Tom Rozich. Explore the nuances of stream bed topography displayed as riffles, runs, and pools and how it, along with water quality, affects the distribution of macroinvertebrates, or aquatic insects. Discover how fly fishermen tie flies to create imitations of these creatures and learn to time their use with natural hatches with avid fly tier Don Kreher. Learn about efforts to conserve a riparian corridor in the watershed of this prized river.

Whet your appetite for this session by reading Chapter 6, ‘The Bend of a River’ in “*Hunting from Home*” on the reading list.

MEET at the Nara Nature Center chalet on Hwy US-41 near the mouth of the Pilgrim River.

STAMP SANDS REMEDIATION

Saturday, August 7, 9:30 AM - 2:30 PM

See various stages of ongoing restoration of the Eagle River watershed which has been adversely impacted for over a century by copper mining. We will visit ongoing remediation projects at historic Cliff and Central mine sites with Rob Aho, Project Engineer, and Gina Nicholas, Chair of the Houghton Keweenaw Conservation District, to see how stamp sands have been capped and revegetated and streams have been rechanneled or returned to their historic courses. Dick Dana will share some of Central’s history through old bottles that have been found there. We will layer earth, sand and gravel in jars to capture what we learn.

MEET at the Central Visitor’s Center

DYNAMIC SHORELINES

Saturday, September 18, 9:30 AM - 2:30 PM

Lightfoot Bay is a natural embayment of Huron Bay and the heart of a diverse and ecologically rich Great Lakes coastal wetland complex protected by the Keweenaw Land Trust and conservation partners. Casey Huckins, Fisheries Ecologist, will help us explore the dynamics of the marshes and bogs of this beautiful embayment and how this system is impacted by the shifting barrier beaches along Huron Bay. Watercolorist and print maker Kayo Miwa will help us appreciate this ever-changing interdunal wetland and the historic structures remaining at this preserve that was once a family retreat.

MEET at the Lightfoot Bay Coastal Wetlands Preserve cabins near the Skanee Cemetery.

*lunch provided for this session

*carpooling from Hancock for those interested