

April 2nd, 2010

## Orono Land Trust Annual Meeting



Program

George JACOBSON

Professor of Botany and Quaternary Studies

**"Climate Change and  
Maine's Landscapes,  
Past and Future"**

Orono Community Center (see pages 3 and 5)

## Walrus on the Stillwater River!

It's true. In 2008 a group of volunteers were digging post holes for the kiosk on the Stillwater River Trail parking lot, near Brownie's Park (corner of Noyes and Bennoch). Lin White stopped to inspect a hard chunk of dirt. It was a little smaller than a brick, and had a smooth section. He mumbled something about this being a bone, and took it with him when he left. Since then, with the help of George Jacobson from the University of Maine, this chunk has been analyzed and found to be part of the facial bones-tusk of a walrus.

About 12,000 years ago the Laurentide ice sheet was retreating north, uncovering what is now Maine. This colder late Pleistocene climate attracted animals that now belong in the Arctic, including the Atlantic walrus. The Maine State Museum has some well preserved bones from walrus's found elsewhere in Maine. Chris Dorion, who was a board member and now volunteers for the Orono Land Trust, was involved with recovering the remains of a woolly mammoth in Scarborough. The first historical records from Maine (1500s) even refer to walrus living in the Gulf of Maine.

You never know what might happen when you volunteer with the Orono Land Trust.

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## Spring Trail Day

Ready for a day outside with No Bugs! Join other volunteers for spring trail day on **April 24th at 9:00 a.m.** Currently, properties are being re-viewed and plans for work projects are being made. We will send out a work list when it is available. If you have a project you would like to see enacted, call Dave Thompson or Gail White. Right now, mark your calendar and wish for a warm sunny day to make a difference in our community and meet new people.

Gail White, Trails Chair

## The 25th Great Caribou Bog Wicked Winter Ski Tour & Race

Sunday, March 7th, 2010

\*17 km Distance\*

(See page 5)

**Species Still Slumber,  
Snow Sublimates,  
Spring Stands Still**

In the brisk morning air, while contemplating spring, I traversed my usual walking route to keep the joints limber. I recalled that, Punxsutawney Phil, resident groundhog of that quaint Pennsylvania town, did indeed see his shadow and was going to slumber on for another 6 weeks. Plant species will continue dormancy for a bit longer too, and true hibernating mammals will remain in dens until the outside environment is more hospitable. Most migrant birds that breed in the Orono vicinity have yet to leave their warmer wintering area; South America for many species. Dead cattail stalks offer perches to sing from for the early arriving Red-winged Blackbird, but now stand unadorned in silence. What struck me as odd along my walking route, however, was that the snow pack seemed to be disappearing but no pools of water (or ice sheets) accompanied its disappearance. So, I asked myself, what's the matter here? And that was the answer—matter! Everything (Well, maybe not your state of mind!) exists in one of three states; solid, liquid, or gas. To review what we learned in general science class; solids hold their shape, liquids don't hold their shape but keep their volume, and gases don't hold their shape or keep their volume. Changes in states of matter can go back and forth depending on temperature and pressure. Solids sometime can become gases without ever becoming liquids in a process called *subliming*. That is what I deduced was happening to the snow—the solid snow was changing to a gas and dispersing without ever becoming a liquid first. Mystery solved!

In addition to the states mentioned above, when any of the three states of matter reach a critical temperature or pressure they enter a fourth state called a *supercritical* state. Additional information on this topic and that of Polymers, Liquid Crystalline State, and Glassy and Rubbery States can be found at [www.chemheritage.org/educational](http://www.chemheritage.org/educational) services.



Photo by J.R. Longcore

"Accumulation of snow, no sublimation here!"



April 2, 2010

# 24th Annual Meeting of the Orono Land Trust

Orono Community Center (Keith Anderson Building)

**6:30 Social Gathering with Refreshments**

**7:00 p.m. Annual Corporate Membership Meeting**

**Secretary's Report of 2009 Annual Meeting - Pat Thompson**

**Treasurer's Annual Report - Gail White**

**President's Annual Report - Dave Clement**

**Awards and Recognition**

**Old Business**

**New Business**

**Election of Directors**

Returning Directors for three year terms ending 2013: Jerry Longcore, David Scheidt, Pat Thompson, Wendall Tremblay, Gail White, Chris Winstead.

Continuing Directors: John Alexander (2011), Melissa Burch (2012), Dave Clement (2012), Jim Hinds (2011), Sally Jacobs (2011), Peg Markson (2012), Sue Owen (2011), Dave Thompson (2012), Phil Ruck (2011), Shep Shepard (2011), David Wardrop (2012),

New Directors: Mike Opitz (2012), Holly Twining (2012),

Adjunct Directors: Chris Dorion, Ron Logan, Norm Poirier

**Announcements**

**Spring Trail Day:** April 24th

**MLTN Land Conservation Conference:** April 30 and May 1st in Topsham

**Program**

**George JACOBSON**

Professor of Botany and Quarternary Studies

keynote speaker

**"Climate Change and  
Maine's Landscapes,  
Past and Future"**

**Adjourn Annual Corporate Membership Meeting**

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**To follow, approximately 8:15 p.m. Board Meeting of the Annual Meeting**

**Welcome to returning and new Directors**

**Secretary's Report: March 3, 2009 meeting - Pat Thompson**

**Treasurer's Monthly Meeting Report - Gail White**

**Nominating Committee - Election of Officers**

Jerry Longcore – President

Open - Vice President

Chris Winstead - Treasurer

David Thompson - Secretary

Sue Owen - Clerk

**Old Business**

**New Business**

**Adjourn** Next Board Meeting April 7th, 2010

## OLT Donors in 2009 and 2010 (Thru Feb 7, 2010)

### Up to \$99

Claire Ackroyd  
Randy and Lyn Adkins  
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Frank and Mimi Barnes  
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Dana Smith  
Lois and William Soule  
Jennifer Story  
Judy and James Sucec  
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Thomas Spitz and Lenore Tipping  
Betsy Trefts  
Gerald and Susan Tuholski  
David and Nicole Wardrop  
Mark Haggerty & Stephanie Welcomer  
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Christopher Winstead  
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Beth and Tom Drummond  
Victoria and Dave Erker  
Brent and Paula Folster

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Marion and Mac Gray  
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Mick and MaryJane Peterson  
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Deanna and Phil Ruck  
Kris and Steven Sader  
David Sewall  
Kathy and Douglas Sewall **LM**  
Kay and Dick Storch  
David and Patricia Thompson  
Sharon and Paul Tisher **LM**  
Christa Schwintzer and John Tjepkema  
Minnie Weiss **LM**  
Gail and James White **LM**  
Nancy Leavitt and David Yarborough

### \$500 to \$999

Betsy Weiss and David Clement **LM**  
Bruce Malmer  
Nancy and Glenn Rampe **LM**  
David Koffman and Michelle Toder

### \$1000 +

Dorothy and George Dorion **LM**  
Peoples United-Merrill Bank  
c/o Darlene Hawkes **LM**  
Sally Jacobs **LM**  
Joyce and Jerry Longcore **LM**  
Michael Opitz **LM**  
Pernille and David Renado **LM**  
Jeremy and Katie Wilson **LM**

**LM denotes Life Membership - see page 5 for additional Life Members**

# The Influence of Climate Change on Orono Landscapes

Featured presentation at April 2nd OLT Annual Meeting

Orono's surrounding landscapes have changed continuously in response to climate dynamics, from the time Maine was covered by a thick ice sheet to the present -- and they will continue to respond as climate is influenced by human activities.

Join members of the the Orono Land Trust at the organization's annual meeting on Friday, April 2nd, at the Keith Anderson Community Center located on Bennoch Road in Orono. George Jacobson, the noted Maine State Climatologist and UMaine Professor Emeritus of Biology, Ecology, and Climate Change, will provide an overview of the fascinating history of Maine through time, putting the present and future landscapes in perspective.

This free event begins at 6:30 p.m. with hors d'oeuvres and desserts, followed at 7:00 p.m. by an OLT annual membership meeting, Jacobson's presentation, and recognition of several outstanding volunteers and local landowners. OLT members and the general public are invited to attend.

Jacobson is lead author of the recent study, "Maine's Climate Future," an analysis of projected 21st Century changes in our terrestrial, freshwater, and marine environments in the context of likely shifts in climate as a result of ongoing human alteration of the Earth's atmosphere. The study was completed by UMaine researchers at the request of Governor John Baldacci.

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## Additional LIFE MEMBERS

(see page 4)

Richard Bradford  
Karna Olsson and Phil Brown  
Becky and David Chase  
Barbara and David Clark  
Sarah and William Clark  
Evelyn and Vance Dearborn  
Mary Cathcart and Jim Dearborn  
Eva and John Dimond  
Chris Dorion  
Cindy and Bob Dunlap  
Nancy and Charles Grant  
Lois Hamilton  
Joyce and Paul Harris  
Sarah and Sherman Hasbrouck  
Scott Johnson - Dirigo Pines Dev.  
Co.  
George Kurr  
Mary Louis Kurr  
Thela and Roger Leach  
Viola and John Lyman

Virginia Mallett  
John and Margaret Manter  
George Markowsky  
Judy Markowsky  
Peg Martin  
Rachel and Paul Means  
Emily Wesson and Peter Millard  
Jane and Robert Miller  
Caroline Morris  
Alice and Kim Mumme  
Janet and Paul Murphy  
Priscilla and Philip Osberg  
Connie and Tom Perry  
Bronco Quick  
Jeannette and Dick Rice  
Trudy and Wendall Tremblay  
Holly and Travis Twining  
Donna and Leith Wadleigh  
Jean and Frank Woodard

# Ski Outing with Bangor Ski Club and UM Recreation Center

The February 6th ski outing was an amazing success, especially considering the snow conditions. We would be perfectly delighted to take some of Philadelphia's unmanageable snow.

The use of the UM Rec Building, with grill, warm place to eat, and swim pool and hot tub, made the day really special.

We had eight people who went on an afternoon ski on the "north trails" as well as 21 skiers in the morning. The Cartwright family used the afternoon to ski Chris Dorion's beautifully groomed trails at Newman and Bangor Hills (said to be a world-class grooming job). It was disappointing to have to eliminate our Trail 11 expedition to Piney Knoll, but we will do that another day. However, both the "north of Stillwater trails" (we need a better name for these) and Chris's trails were new to many people. For many it was the first time to locate the trail head behind the UM Rec Building, so our outing was successful in its goal of introducing people (ages 4 to

seventy-something) to the Orono trail network of the UM Forest, UM Campus Recreation and the Orono Land Trust.

Thank you to all who groomed trails (talk about making a silk purse out of a sow's ear!), stood ready to be guides, cooked the bratwurst, put up posters and trail arrows, brought such yummy food and helped with set-up and clean-up.

*Sally Jacobs*



*Gail White and other skiers gathering to explore the ski trails north of Stillwater Avenue*

*Photos by Sally Jacobs*



## Maine Land Trust Conference

April 30 and May 1, 2010  
Brunswick, Maine

For carpooling call  
Gail White 866-0041



## “Friends of Orono Land Trust” Facebook Group Growing Fast!

The Orono Land Trust is always looking for new ways to reach out to our community members and keep them informed of our activities and events. Last year we created a “Facebook” group called “Friends of the Orono Land Trust” to reach a broader demographic. That group is 100 members strong and growing!

We hope you will join us and invite your Facebook friends to join the “Friends of Orono Land Trust.” To find our group, log in to your Facebook account, go to the “Groups” tab and search for “Friends of Orono Land Trust.” Then click on “Join.” It is easy to create a Facebook account, just go to [www.facebook.com](http://www.facebook.com) and sign up with your name and e-mail address

## Ski Race *(con't from pg 1)*

“The Silver Klister Year”, recognizing the 25th year of skiing from Bangor to Old Town.

The goal of this event is for skiers to enjoy the natural world in winter, through lands located in the “backyards” of Bangor, Veazie, Orono, and Old Town. The course winds through upland pine forest, along the second oldest railroad in the U.S., through old growth black spruce stands, across a peatland (the Great Caribou Bog), up and over Bangor Hill where Katahdin can be seen, through experimental forest, and finally across farmland to the end.

REGISTRATION AND START LOGISTICS - this year all skiers will register at the finish in Old Town (village of Stillwater), and be bused to the start in Bangor. Download and print the registration form. Please post mark by Saturday, February 21st.

For more information <http://>

[www.doriongeologicalservices.com/cariboubog.htm](http://www.doriongeologicalservices.com/cariboubog.htm)

## MOVING?

Be sure to send us a change of address:  
PO Box 4, Orono, ME 04473

## Going Green

The OLT Board is encouraging our members to opt for receiving this newsletter by email. This will save us money and reduce the use of paper. Please notify David Clement if you are willing to do this. [david.m.clement@gmail.com](mailto:david.m.clement@gmail.com).

## A special THANK YOU

to all the businesses and people  
who donate

expertise, time and services.

The list is long.

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David Clement, *President*  
Jim Hinds  
Sally Jacobs  
Jay Johnson  
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Sue Owen  
Phil Ruck  
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Shep Shepard  
David Thompson  
Pat Thompson, *Secretary*  
Wendall Tremblay  
David Wardrop  
Gail White, *Treasurer*  
Chris Winstead



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RETURN SERVICE  
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**Calendar**

**March 7, 2010** Great Caribou Bog Ski Race (see pg 1)  
**April 2, 2010** OLT Annual Meeting (see pgs 1 and 3)  
**March 3 and April 7** Board Meetings  
**April 24, 2010** Spring Trail Day (see pg 1)  
**April 30 & May 1, 2010** Maine Land Trust Conference (see pg ?)

**Please check for membership expiration date on your address label.**

**ORONO LAND TRUST MEMBERSHIP APPLICATION**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

\_\_\_\_\_ \$25 Individual Membership

\_\_\_\_\_ \$100-\$999 Supporting Membership\*

\_\_\_\_\_ \$50 Family Membership

\_\_\_\_\_ \$1000 Life Membership

\* All but \$50 of your donation will go toward future land acquisitions and stewardship of existing conserved land.

I'd like to make an **additional** \$\_\_\_\_\_ donation to help protect green space in Orono.

Please send my **newsletter** by: \_\_\_\_\_ Email, \_\_\_\_\_ U.S. Postal Mail, or \_\_\_\_\_ both Email and U.S. Postal Mail

I am interested in helping on one of the following committees:

\_\_\_\_\_ **Lands** – The core committee, always on the lookout for new areas, monitors land-use changes.

\_\_\_\_\_ **Stewardship and Trails** – Backbone of OLT, monitors properties, maintains trails for public use.

\_\_\_\_\_ **Outreach** – Plans and conducts events and programs of education and entertainment, publicity, newsletter, brochures, website.

\_\_\_\_\_ **Membership** – Encourages existing and new members to participate in OLT activities. collects dues, maintains database.

\_\_\_\_\_ **Veazie Land Association** – Oversees Veazie Lands, easements, trails, etc.

\_\_\_\_\_ **Caribou Bog – Penjajawoc Corridor Project** – Identifies properties in preservation area for acquisition or easements.

\_\_\_\_\_ **Orono Bog Boardwalk** – Maintains Boardwalk, organizes programs, budget, fundraising.

\_\_\_\_\_ **I'd like to share these other interests and talents:**