



PROGRAM GUIDE



Winter/Spring 2007

www.tinmtn.org



603-447-6991

Contents:

*Nature Nuts p.4
Eco-Forum p.5
Adult Nature Courses p.6
Field Study Courses p.7
Winter Camp for Children p.8
Nature Program Series p.9-12
Registration Form p.13
Membership Form p. 14
Nature Program Calendar p.15*

Tin Mountain Conservation Center

Mailing Address:

PO Box 1170, Conway, NH 03818

Physical Address:

1245 Bald Hill Road, Albany, NH 03818

603-447-6991; www.tinmtn.org; tinmtn@tinmtn.org

Tin Mountain Nature Learning Center

Directions:

Traveling North: On Rte.16, turn left after the "Welcome to Mount Washington Valley" sign onto Bald Hill Road. Go up hill one mile, on your left is the TMCC West Oxford Society Barn, the parking area to the Nature Learning Center is immediately after on left.

Traveling South: On Rte.16 through Conway Village, over train tracks leaving town, go through traffic light take second right onto Bald Hill Road. Go up hill one mile, on your left you will see the TMCC West Oxford Society Barn, the parking area to the Nature Learning Center is immediately after on left.

tinmtn@tinmtn.org

Mission:

To promote an appreciation of the environment through hands-on learning



www.tinmtn.org

Tin Mountain Nature Learning Center

Open: Monday through Saturday 9 AM - 5 PM

Friday Weekly Building Tours 11 AM – 12 PM

The TMCC Nature Learning Center building contains many environmentally friendly features including 20 species of woods used throughout the building. Learn about the inner workings of the solar thermal and photovoltaic systems, and the wood fired back-up heating system.

Saturday Weekly Guided Hikes 10 AM – 12 PM

Join TMCC staff exploring the Nature Learning Center trails through the seasons and visit the historic granite quarry, lunch rock, the beaver pond and much more. Wear sturdy shoes and dress for the weather. Winter hikes will be on snowshoes when conditions permit.

Work Field Days

It's time to hit the trails for some trail maintenance. We will be clearing, creating, and marking trails, as well as repairing rock walls, revitalizing pastureland, building a boardwalk, and much more. Bring your own clippers, tools, and gloves or borrow ours.

Saturday, January 20 9 AM - 12 PM

Tuesday, February 6 9 AM - 12 PM

Saturday, March 17 9 AM - 12 PM

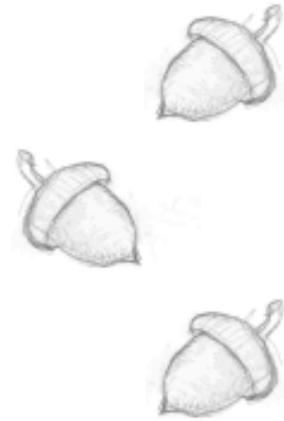
Tuesday, April 3 9 AM - 12 PM

Volunteer Opportunities:

Tin Mountain relies heavily upon volunteers to fulfill our mission of bringing environmental education to the greater Mt Washington Valley and western Maine. The opening of the Nature Learning Center presents many new volunteer opportunities. Call 603-447-6991 or email Joshua Potter (jpotter@tinmtn.org) for opportunities.



Dolen



Nature Nuts

Wednesdays 10 AM - 11:30 AM

Location: TMCC Nature Learning Center

Children and their parents/grandparents may join Tin Mountain teacher/naturalists on this seasonal exploration of the natural world. Enjoy a morning full of nature songs, crafts, hikes, and games based upon the theme of the day.

Children Ages: 3 through 5

Cost: \$6 Members; \$8 Non-members and \$4 for additional children

January

- 24 - Winter A-Z*
- 31 - Snowshoe Hare*

March

- 07 - Turtles*
- 14 - Chipmunks and Squirrels*
- 21 - Signs of Spring*
- 28 - Bluebirds*

February

- 07 - Winter Birds*
- 14 - Wood Ducks*
- 21 - Snow Surprises*
- 28 - Nature Numbers*

April

- 04 - Water World*
- 11 - Seeds*
- 18 - Spotted Salamanders*
- 25 - Spring Happenings*



Eco-Forum

Brownbag Lunch Speaker Series

New! Free of Charge!

Location: TMCC Nature Learning Center

You've heard of the Commonwealth Club of CA, the Cleveland City Club Forum, and the National Press Club Lunches – Now it's the TMCC Eco-Forum! You bring the lunch; we'll provide the food for thought! Join us each month for presentations by noted experts on a wide variety of provocative environmental issues followed by a question and answer period. *Please note that the views expressed in the Eco-Forum are those of the speaker and not necessarily that of Tin Mountain Conservation Center.*



Andrew Thompson

The Beauty of Evolution

February 8, 2007, Noon – 1 PM

Speaker: Ted Levin, author “*Backtracking: The Way of a Naturalist*”, “*Liquid Land: A Journey Through the Florida Everglades*”

Topic: Nationally known naturalist, writer, photographer, and recipient of the John Burroughs Medal, Ted Levin will discuss the controversy over teaching creationism vs. evolution in public schools, and why he feels evolution is such a vital component in a child's education. Ted will share historical perspectives on the debate and his observations about the current state of the issue. Ted's work has appeared in *Audubon*, *Sierra*, and *National Geographic*.

Plum Creek's Plans for the Moosehead Lake Region – Paradise Lost?

March 8, 2007, Noon – 1 PM

Speaker: Sally Stockwell, PhD, Conservation Director, Maine Audubon

Topic: How will the proposed Plum Creek development of Moosehead Lake affect wildlife and wildlife habitat, especially where endangered or threatened species are concerned? Sally will share how Maine Audubon is leading the effort to eliminate and minimize the threats Plum Creek's plan poses to the Moosehead Lake region.

No Net Loss of Wetlands?

April 12, 2007, Noon – 1 PM

Speaker: Rick Van de Poll, PhD, Ecosystems Management

Topic: Are all wetlands created equal? Are they afforded adequate protection? Nationally known local ecologist Rick Van de Poll will drive home the importance of wetlands conservation including new state programs, the pros and cons of wetlands mitigation, and whether we have had “no net loss”.

LCHIP – A State Role in Land Conservation?

May 10, 2007, Noon – 1 PM

Speaker: Rachel Rouillard, Director, Land and Community Heritage Investment Program (LCHIP)

Topic: Does the state have a legitimate role in funding land and community heritage conservation? What kind of returns on investment have we seen from LCHIP since 2001? Rachel will explain why LCHIP exists, highlight some current and past projects, and enlighten everyone to the critical role the state can play in protecting the last best places in New Hampshire.

Adult Nature Courses

These 4-week courses provide an in-depth look at various natural science and cultural history topics. Individuals with all levels of experience are encouraged to enroll. Each session meets one day/week for 2.5 hours combining time in our laboratory classroom and library with field studies as well as a weekend field trip. ANC participants will examine each study area through lectures, slideshows, hands-on exploration, guest speakers, and selected readings, .

For reservations, mail in the registration form (p13), call TMCC at 603-447-6991 or email Joshua at jpotter@tinmtn.org.

Courses over \$50 require a \$25 non-refundable deposit.

Winter Ecology

Instructor: Dick Fortin

Dates: *January 17, 24, 31 & February 7 - 6:30-9:00 pm, Field Trip: January 27*

Tuition: \$95 Members, \$110 Non-members

Naturalist Dick Fortin will make you think like an animal trying to survive the harsh New England winter. We will examine different strategies for survival, learn mammal tracking, and put our nature-sleuthing skills to the test while unlocking the stories in the winter forest. This course will also include a starwatch, cover plant acclimation to the cold, as well as how changing snowpack affects wildlife.

Settlement History of the Saco Valley & Mt. Washington Region

Instructor: Carol Foord

Dates: *February 27, March 6, 13 & 20 - 6:30-9:00 pm, Field Trip: March 31*

Tuition: \$95 Members, \$110 Non-members

Join Teacher/Naturalist Carol Foord for a look at how our region has been shaped by both glaciers and humans. Through artifacts, selected reading, and lectures, the course will examine the fundamentals of glacial geology, the contact period of Native Americans with Europeans, and the agrarian lifestyle that changed the natural landscape and all but erased the Native way of life that had existed for thousands of years. At the Saturday field trip we will visit stoneworks sites rich in history to broaden our understanding of why many settlements disappeared in the late 1800s.

Budding Botanist

Instructor: Mike Cline, PhD

Dates: *March 28, April 4, 11 & 19 - 6:30-9:00 pm, Field Trip: April 21*

Tuition: \$95 Members, \$110 Non-members

Join Executive Director Mike Cline and guest instructors to learn about the inner workings of our native flora. We will begin with basic principles of plant biology and identification, and build to a scientific understanding of taxonomy and anatomy. We will take our new knowledge into the field as spring unfolds.

Field Study Courses

Using our Bald Hill property, the Mt Washington Valley, and Northern England as our laboratory, we will explore various natural science and cultural history topics in-depth.

For reservations, mail in the registration form (p13), call TMCC at 603-447-6991 or email Joshua at jpotter@tinmtn.org.

Courses over \$50 require a \$25 non-refundable deposit.

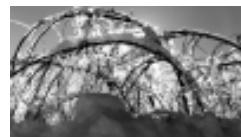
Winter Photography

Instructor: Ed & Kathy Bergeron

Dates: February 3, 8 AM - 3 PM

Tuition: \$35 Members, \$40 Non-members

Accomplished local photographers Ed and Kathy Bergeron will use the lenses of both digital and 35mm SLR to explore the southern portion of the Mt. Washington Valley. The Cascades, Heath Pond Bog, and Hoyt Nature Preserve are among the stops on this winter workshop that will help photographers of every level take better wintertime photographs. Includes a warm-up stop at the Eaton Village Store.



Steve Thomas

Dendrochronology & Winter Tree I.D.

Instructor: Mike Cline, PhD, Joshua Potter

Dates: March 3, 8 AM -3 PM

Tuition: \$35 Members, \$40 Non-members

Learn to identify major tree and shrub species of the North Woods in winter. Using branch arrangement, buds, bark and habitat, even the novice naturalist can learn to recognize different species without leaves. Next we will take tree core samples to learn, not only the age of a tree, but also much more about its life history.



Carol Foord

Stone Walls & Cellar Holes

Instructor: Carol Foord

Dates: April 13, 6:30-8:30 PM, April 14, 9 AM -4 PM,

April 15, 9 AM-Noon

Tuition: \$65 Members, \$75 Non-members

Join Teacher/Naturalist Carol Foord for this weekend intensive investigation of why New England's landscape enticed Europeans to settle its northern frontiers, and how towns began and reshaped the wilderness. An evening of legends and lore enhance our understanding of the Europeans' encroachment on Native lands and way of life. Field trips include visits to stonewalls, cemeteries and fieldstone cellars of old farmsteads.



Carol Foord

Winter Camp for Children

Cost: \$30 Members, \$40 Non-members

Snow Survival

Tuesday, February 20, 9:00 AM - 3:00 PM

TMCC Nature Learning Center, Albany

Grades: 2 through 4 *Bring a Lunch*



Become a snow sleuth and discover how to stay warm in winter by building your own quinzee. We'll do a variety of snow experiments and look at different types of snow to see how animals survive the winter.



Winter Art

Wednesday, February 21, 9:00 AM - 3:00 PM

TMCC Nature Learning Center, Albany

Grades: 3 through 6 *Bring a Lunch*

Snow sculptures, sketching, and winter watercolors are just some of the art projects for the day. We will spend time both inside and outside so dress warmly and bring a lunch. We will provide craft materials, snowshoes, and hot cocoa.



Winter Wildlife Camp

Thursday, February 22, 9:00 AM - 3:00 PM

TMCC Nature Learning Center, Albany

Grades: K through 2 *Bring a Lunch*

Join the winter fun by becoming a wildlife track detective. We will count toes, identify patterns, and follow animal tracks through the forest. The day will also include games and a winter craft. Dress warmly and bring a lunch. We will provide cocoa and snowshoes.

Fun for all ages! See Nature Program Series

Tin Mountain Winter Festival

Part of the Valley Winter Carnival

Sat, Feb 24, 10:00 AM - 3:00 PM at the TMCC Nature Learning Center

Nature Program Series

Our thanks to L.L. Bean and Evenor Armington Fund
for their continued sponsorship.

*Programs are open to the public. Unless otherwise noted,
donations of \$3.00 per person and \$5.00 per family are
greatly appreciated. Members are free.*

Snowshoe Wanderings

Saturday, January 27, 10:00 AM - 3:00 PM
Meet at Sherman's Farm Stand

Director Michael Cline will lead this exploration of Tin Mountain's newly acquired lands off the East Conway Road. These ~1200 acres are home to a large variety of wildlife, tall timber, and a variety of unique habitats. Strap on your snowshoes, (or borrow ours), dress warmly and bring a lunch. Call 603-447-6991 for reservations.



Antarctica:

Journey to the Bottom of the World

Thursday, February 1, 7:00 PM
TMCC Nature Learning Center, Albany

Chris Lewey of *RAVEN Interpretive Programs* will recount his adventures to this continent of ice and snow, discussing the journey from Ushuaia, Argentina, the southernmost city in the world, across the Drake Passage, to the Antarctic Peninsula. Examining the wildlife indigenous to this extreme region helps unveil many of the unique adaptations of this frozen world.

Andrew Thompson



Full Moon Owl Prowl

Friday, February 2, 7:00 PM

Great Glen Trails, Pinkham Notch, NH

Co-Sponsored with Great Glen Trails

Who's out on a beautiful moonlit night? Why owls, of course. We will snowshoe the trails of Great Glen in search of common owls of New Hampshire. Bring your own snowshoes, or borrow ours. Call 603-447-6991 for reservations.

Chris Lewey





Liquid Land, Florida Everglades

Thursday, February 8, 7:00 PM

TMCC Nature Learning Center, Albany

Join renowned author and photographer Ted Levin on this slide journey to the Everglades. He will look at the delicate balance between water, people, flora, and fauna of this endangered ecosystem.

Cross-Country Ski at the Brownfield Bog

Saturday, February 10, 10:00 AM-2:00 PM

Meet at Grants Store in Brownfield

Explore the wonderful wild wetlands of the beautiful Brownfield Bog on cross-country skis. The 6,000 acres, owned by the State of Maine, abound with winter wildlife tracks from river otters and moose to owls and coyotes. Dress warm, bring your own skis and a lunch, and please call 603-447-6991 for reservations.

Winter Birds of Plum Island

Saturday, February 17, 7:30 AM

Meet at TMCC Nature Learning Center, Albany

Snowy owls, snow buntings, harriers, and rough-legged hawks are just a few of the possibilities that we may see on our annual trip to this remarkable birding spot. A long car ride, but worth it for a good day of winter birding. Call 603-447-6991 for reservations.

Winter Festival

Saturday, February 24, 10:00 AM - 3:00 PM

TMCC Nature Learning Center, Albany

Part of the Valley Winter Carnival

Join in the fun as we celebrate all that is fantastic about winter. The day will include guided snowshoe hikes, snow shelter building, winter survival skills, guided ski tours, wildlife tracking, and more! Call 603-447-6991 for reservations.



Full Moon Snowshoe

Saturday, March 3, 7:00 PM

TMCC Nature Learning Center, Albany

Explore the forested trails at the Nature Learning Center under the light of the full March Moon. Whooo knows what we will find... Dress warmly and bring snowshoes or borrow ours. Call 603-447-6991 for reservations.

Ski Tour Nanamocomuck

Saturday, March 10, 10:00 AM



Meet at the parking lot, Albany Covered Bridge
There's nothing like a day skiing the Nanamocomuck trail! We will search for signs of otters and mink along the river's edge and enjoy the variety of forest types found along this trail. No beginners please. Bring your own skis and a lunch. Call 603-447-6991 for reservations.

First Season Festival

Sunday, March 18, 5:00 PM

North Conway Grand Hotel

Mark your calendar for our annual fundraising dinner and auction! Consider donating an auction item, but don't even consider missing this event. George Cleveland is auctioneer. Over 300 items are on view. Reservations are required. Tickets are \$35. Call 603-447-6991 to make reservations.

The Greening of Spring

Wednesday, March 21, 7:00 PM

Cook Memorial Library, Tamworth

Education Director Lori Jean Kinsey will share slides and stories of the harbingers of spring - the ephemeral wildflowers. From hepatica to bloodroot and squirrel corn to trillium, it will be a chance to brush up on your flower ID before the spring bloom.

Maple Sugaring

Saturday, March 24, 10:00 AM – 12:00 PM

Fortin Farm on Steward Road, Eaton

Join backyard sugaring enthusiast Dick Fortin as he walks us through the process of maple sugaring. We will tap sugar maple trees, collect sap, boil it down, and have a taste. What a sweet day! Call 603-447-6991 for reservations and directions.



Life History of the Honey Bee

Thursday, April 5, 7:00 PM

TMCC Nature Learning Center, Albany

Chris Lewey, a beekeeper for over 30 years, will introduce the science of keeping bees including ecology of the honey bee, a closer look at operations inside a modern hive, the social structure of the colony, and the role of the three classes of bees. This program will inspire awe for these hardworking insects. Look for the new hives at Tin Mountain later this spring.

Here Comes the Sun

Saturday, April 7, 10:00 AM

TMCC Learning Center, Albany



The computers are running and the building is toasty thanks to the power of the sun. Learn about the inner workings of the solar heating and photovoltaic electrical systems at the Tin Mountain Nature Learning Center.

Vernal Pools

Thursday, April 19, 7:00 PM

Grand Summit Hotel, Bartlett

The ice is melting and the vernal pools are teeming with life including wood frogs, spotted salamanders, and fairy shrimp. Join naturalist Dick Fortin as he explains the dynamics of these fascinating and very special ecosystems.

Wonderful Woodcocks

Friday, April 13, 7:00 PM

TMCC Nature Learning Center, Albany

Who will be the first to hear the “peenting” woodcocks this spring? Learn about this fascinating bird and then head out to the fields to see its “Sky Dance” mating ritual. Call 603-447-6991 for reservations.



Special Events:



First Season Dinner and Benefit Auction

Sunday, March 18, 5:00 PM

Tickets: \$35

North Conway Grand Hotel

Call 603-447-6991 for reservations

Annual Meeting

Saturday, May 12

Tin Mountain Nature Learning Center

Mt. Washington Hillclimb

Registration opens February 1, 6 AM

Hillclimb: Saturday, August 18

Century Ride

Registration opens February 1, 6 AM

Century Ride: Sunday, August 19

Summer Camp

Specific dates in late February

Visit our website www.tinmtn.org for updates.

REGISTRATION

www.tinmtn.org

Adult Nature Courses: \$25 deposit

Winter Ecology

Instructor: Dick Fortin

Dates: Jan 17, 24, 31 & Feb 7 - 6:30-9:00 pm, **Field Trip:** Jan 27

Tuition: \$95 Members, \$110 Non-members

Settlement History of the Saco Valley & Mt. Washington Region

Instructor: Carol Foord

Dates: February 27, March 6, 13 & 20 - 6:30-9:00 pm, **Field Trip:** March 31

Tuition: \$95 Members, \$110 Non-members

Budding Botanist

Instructor: Mike Cline, PhD

Dates: March 28, April 4, 11 & 19 - 6:30-9:00 pm, **Field Trip:** April 21

Course tuition: \$95 Members, \$110 Non-members

Field Study Courses: \$25 deposit

Winter Photography

Instructor: Ed & Kathy Bergeron

Dates: February 3, 8 AM - 3 PM

Tuition: \$35 Members, \$40 Non-members

Dendrochronology & Winter Tree I.D.

Instructor: Mike Cline, PhD, Joshua Potter

Dates: March 3, 8 AM -3 PM

Tuition: \$35 Members, \$40 Non-members

Stone Walls & Cellar Holes

Instructor: Carol Foord

Dates: April 13, 6:30-8:30 PM, April 14, 9 AM -4 PM, April 15, 9 AM-Noon

Tuition: \$65 Members, \$75 Non-members

Name: _____

Mailing Address: _____

City: _____ State: _____ ZIP: _____

Tel#: _____ Email: _____

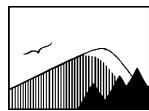
Enclosed is my check for \$ _____

Please charge my membership of \$ _____ MC _____ VISA _____ AMEX _____

Card#: _____ Exp.Date: _____

Signature: _____

Mail to TMCC, PO Box 1170, Conway, NH 03818



Tin Mountain

CONSERVATION CENTER

Basic Membership:

www.tinmtn.org

- Free Admission to Nature Program Series
- Invitation to Member Only Exhibits and Events
- Email Notification of Upcoming Events
- Tin Mountain Decal
- Voting Privileges at Annual Meeting
- Quarterly Bulletin with Tin Mountain Updates
- Membership Tax Deduction

\$35 Quaking Aspen (Individual)

- Basic Membership Privileges for One Adult

\$50 Paper Birch (Family)

- Basic Membership Privileges for Two Adults and Children 18 and Under
- Discount to Tin Mountain Camps
- Subscription to *Heart of NH Magazine* www.heartofnh.com

\$100 White Ash

- Paper Birch Plus:
- Tin Mountain Hat

\$250 Red Oak

- White Ash Plus:
- Bring a Friend! Free Admission to Nature Program Series for a Friend
- Tin Mountain T-Shirt Size _____

\$500 American Beech

- Red Oak Plus:
- Tin Mountain Fleece Vest Size _____

\$2500 Sugar Maple

- American Beech Plus:
- Choice of Field Guide
- Lifetime Membership
- Name on Plaque in Library T-Shirt Size _____ Fleece Vest Size _____

Yes, I want the free one-year subscription to *Heart of NH Magazine* with my membership of \$50 or above.

Name: _____

Mailing Address: _____

City: _____ State: _____ ZIP: _____

Tel#: _____ Email: _____

Enclosed is my check for \$ _____

Please charge my membership of \$ _____ MC _____ VISA _____ AMEX _____

Card#: _____ Exp. Date: _____

Signature: _____

Mail to TMCC, PO Box 1170, Conway, NH 03818

TinMountain Conservation Center

Programs are open to the public. Donations of \$3.00 per person and \$5.00 per family are greatly appreciated.

Snowshoe Wanderings

Antarctica



Full Moon Owl Prowl

Liquid Land, Florida Everglades

X-Country Ski Brownfield Bog

Winter Birds of Plum Island

Winter Camp for Children

Winter Festival

Full Moon Snowshoe



Ski Tour Nanamocomuck

First Season Festival

The Greening of Spring

Maple Sugaring



Life History of the Honey Bee

Here Comes the Sun

Vernal Pools



Wonderful Woodcocks

Sat, Jan 27, 10 AM-3 PM

Meet Sherman's Farm

Thurs, Feb 1, 7 PM

Nature Learning Ctr, Albany

Fri, Feb 2, 7 PM

Great Glen Trails

Thurs, Feb 8, 7 PM

Nature Learning Ctr, Albany

Sat, Feb 10, 10 AM -2 PM

Meet Grants, Brownfield

Sat, Feb 17, 7:30 AM

Meet Nature Learning Ctr

February Vacation Week

See page 8 for details

Sat, Feb 24, 10 AM-3 PM

Nature Learning Ctr, Albany

Sat, March 3, 7 PM

Nature Learning Ctr, Albany

Sat, March 10, 10 AM

Meet Albany Covered Bridge

Sun, March 18, 5 PM

N Conway Grand Hotel

Wed, March 21, 7 PM

Cook Memorial Library

Sat, March 24, 10 AM

Fortin Farm, Eaton

Thurs, April 5, 7 PM

Nature Learning Ctr, Albany

Sat, April 7, 10 AM

Nature Learning Ctr, Albany

Thurs, April 19, 7 PM

Grand Summit Hotel

Fri, April 13, 7 PM

Nature Learning Ctr, Albany



PO Box 1170
Conway, NH 03818
603-447-6991
Website: www.tinmtn.org
Email: tinmtn@tinmtn.org