

April 9 and 16-17, 2016

NH Mountaineering Glacier Travel and Crevasse Rescue Workshops

JIM KENT

Winter is finally here, but have you made your plans for summer climbs on glaciated peaks? What about training for those trips? That's where we can help! The New Hampshire Chapter is again offering two workshops in April at Gunstock Mountain Resort in Gilford, NH to help you prepare for such adventures. As in prior years, we are honored to have support and sponsorship from Sterling Rope for these workshops.

The Introduction to Glacier Travel Workshop is a one-day program designed to familiarize participants with the glaciated mountaineering environment and the training to become a functioning member of a roped team for glacier

travel. The morning starts with instructor introductions followed by group sessions that cover the mountain environment, dressing for success, basic knots, and a discussion about roped travel and the mechanics of clipping in. Safety is continually stressed and the fundamental climbing equipment is thoroughly reviewed, from the harness and helmets, to the ropes and knots we use. Our instructor-led group sessions include hands-on practice for the knot-work, including working with prussic loops which are provided. After the instructors demonstrate how we divide a rope for various team sizes (3 to 5 team members), we break into small teams for individualized team training. The remainder of the day is spent in the field learning the skills

NH MOUNTAINEERING WORKSHOPS, TO PAGE 6

OUR MISSION

Ruined in Utah:

Park Service

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2015-2016 AMC NH

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Rime Ice.....

Backcountry Skiing

AMC NH in 2016...

Storrs Hill Light

Biking with

2016 Spring

April 9-10, 2016

Volunteering for the National

The Appalachian Mountain Club is the nation's oldest outdoor recreation and conservation organization, and promotes the protection, enjoyment, and understanding of the mountains, forests, waters and trails of the Appalachian region. AMC has more than 100,000 members, 16,000 volunteers, 450 full-time and seasonal staff. The New Hampshire Chapter is the second largest of the 12 Chapters within the Club.

VOLUME 42, NUMBER 1 JANUARY-FEBRUARY 2016



BILL WARREN

I have been constantly reminded of the enormous passion, knowledge and skill within the New Hampshire Chapter of the AMC as I traveled the path to becoming Chapter Chair. Today we have over 13,000 members sharing these wonderful attributes.

Sometimes it is easy to recognize the skills our members have. Those skills are seen on the trails and waterways of our state. Other skills

remain hidden away until the situation calls for their use. When they are needed it is almost like watching a magician pull a rabbit out of a hat. Our members willingly share these skills hoping everyone on the trail stays safe and enjoys being outdoors as much as they do.

Most recently, there was a proposal by the United States Forest Service (USFS) to remove a bridge known as the Thoreau Falls Bridge. This bridge is located within the federally designated

PASSION, KNOWLEDGE AND SKILL, TO PAGE 3



UPCOMING EVENT



Concord Library February 4, 2016 6PM-7:30PM Ruined in Utah: Volunteering for the National Park Service

PAUL BERRY

Please join us for a wonderful evening with AMC member and Park Service volunteer, Ron Janowitz. Ron will discuss his experience volunteering for the National Park Service at Natural Bridges National Monument. He spent the fall of 2013 working at this spectacular park in the southeast corner of Utah. His first day on the job coincided with the federal government shutdown, but fortunately, things improved thereafter. Ron will discuss how to get "hired" as a volunteer, as well as the duties and living arrangements. During his three months at the park, Ron had interesting conversations and encounters with visitors from all over the world.

Natural Bridges is remote. It is 40 miles from Blanding, the nearest small town and grocery store, and 120 miles from Moab, a big town and a real supermarket. The park is off the grid, and relies on solar panels for electricity. There are more

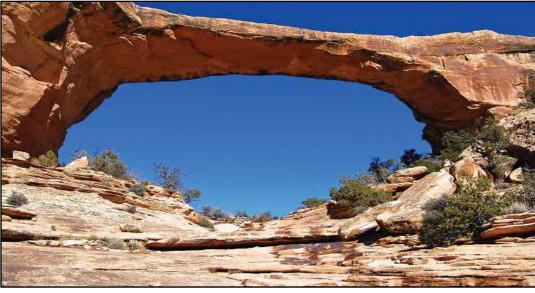


Photo By: Ron Janowitz

mule deer and jackrabbits than people in San Juan County. The park is famous for its three massive bridges at the bottoms of steep canyons. Learn the difference between a bridge and an arch. On his days off, Ron hiked to and explored numerous and oftentimes remote Ancestral Puebloan ruins, occupied between 2000 and 750 years ago. He will discuss the history, geology and archeology of this

unique area.

Ron will share photos of Natural Bridges and environs, other nearby national parks, ruins and rock art. He will answer questions about this special area and how to apply to be a volunteer at a national

park. He is a hike leader for the NH Chapter of AMC and has organized and led 11 domestic and international Adventure Travel trips for AMC.

Registration is not required. For more information contact Paul Berry 603 423 1192.

MOUNTAIN PASSAGES

Volume 42, No. 1 January/February 2016

Mountain Passages is published six times a year by the New Hampshire Chapter of the Appalachian Mountain Club

Submissions. Members may submit articles or photos (hi-res jpegs) to newsletter@amc-nh.org. Articles may be edited at the discretion of the editor to meet space and style requirements. Publication is on a space-available basis. While Mountain Passages does not pay for submissions; a byline or photo credit is given. Contact Mountain Passages for reprint permission.

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UPCOMING EVENT



April 9-10, 20162016 Spring Whitewater School

PAUL BERRY

2016 Spring Whitewater School will be held Saturday, April 9 and Sunday, April 10, 2016 with an optional gear talk and kayak wet exit practice in March in the Nashua area.

The Spring Whitewater School provides Class II whitewater instruction for flatwater and quickwater paddlers. The school teaches you the skills and proper preparation to paddle Class II whitewater and gives you the

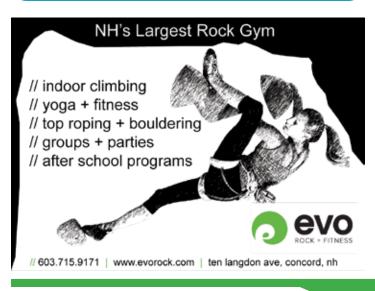
practice so you are comfortable and having fun paddling tandem canoe, solo canoe or solo kayak. The School will take place in Henniker, and on several area rivers selected according to appropriate river levels and difficulty.

The cost is \$100 for active AMC leaders, \$125 for AMC members, and \$160 nonmembers.

Visit nhamcpaddlers.org or call Paul Berry at (603) 423-1192 for more information.



SPECIAL UPCOMING EVENTS – PAGES 4 & 6 ———





PASSION, KNOWLEDGE AND SKILL, FROM PAGE 1

Pemigewasset Wilderness Area. Structures like bridges are generally not allowed in designated wilderness areas except for safety purposes. The USFS planned to accept comments during the summer of 2015, and if no new, compelling information to keep the bridge was received, the bridge would be removed sometime during the fall of 2015.

The passion and knowledge of our members came out from every corner. They provided the history of the bridge and its seasons of heaviest use, and they cleared up a number of misconceptions being circulated while urging the USFS not to remove it. A NH State Senator became involved and subsequently brought a US Senator onboard. The AMC at the Club level eventually surveyed NH members for their concerns and thoughts, which long time members cannot recall being previously done.

The USFS invited two groups to hike out to the bridge and discuss options. Our members signed up. All of this provided new perspectives and cause for pause. Its removal was put on hold. Will the bridge remain or be removed? I do not know.

What really matters are some significant things have come out of this dialogue. Everyone involved has recognized the vast wealth of passion, knowledge, and skill our members have and it cannot be ignored. Better decisions will always be made when we reach out and embrace this wealth. Our members have been engaged in the process. Whatever the outcome for the Thoreau Falls Bridge, they will know they have played a part and perhaps have helped build bridges between and within these organizations. The future of the NH Chapter is strong as our well is deep and full of passion, knowledge, and skill.



2015-2016 AMC NH Skiers calendar

Date/locations are tentative! Please check with leaders and online at: https://activifies.outdoors.org Questions? valerio.viti@gmail.com

rith leaders and online at: Trip Social
s? valerio.viti@gmail.com Clinic Trail work



Conservation Corner Rime Ice

PAUL HOPKINS

Rime is a collection of super cold water droplets. These droplets instantly freeze on contact with any solid object. The resulting ice is called rime ice and differs from ordinary water ice, in that, like snow, it contains trapped air and appears white. As more of these droplets collide with an object, a rime ice formation builds.

Rime ice formations "grow" into the wind. The formations typically resemble feathered objects. If sufficient ice builds over time, the formation may be wind sculpted into bizarre shapes. Over the course of a winter season and with varying

wind directions, rime ice can completely envelop small trees and cairns.

To hikers visiting the alpine zone on a blue sky day,



Figure 1. Rime Ice

it's a fantastic fairy land of white objects attached to, or covering, trees. Some resemble sandstone hoodoos found in some western landscapes. To the tree however, it's not a such great

In Figure 1, rime ice has built up on the windward edge of a standing tree. The build up of rime ice can break the tree, or some of its branches. This process helps create the stunted trees and krummholz found in and around the alpine zone.

Note that the trees around the standing tree have been beaten down by the weather. Eventually, the standing tree will be broken by rime ice accumulation too.

Figure 2 is a collection of rime ice hoodoos. Each hoodoo is a spruce or fir tree that has



Figure 2. Hoodoos

been completely covered in rime ice and sculpted by the wind. These particular formations stood on Mt. Pierce in early March after more than a week's exposure to rime clouds and strong winds.



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Photo By: Jessica Clifford

NH MOUNTAINEERING WORKSHOPS, FROM PAGE 1

needed to function efficiently as a roped climbing team. These instructor led teams review and practice roping up, properly tying prussic loops, crampon and ice axe techniques, self and team belay, self and team arrest and learning to ascend and descend as a team. Aside from glacier travel, ice axe and crampon skills are important for winter hiking in New England. For some participants, the rhythm of traveling smoothly as a team is an entirely new experience.

Highly anticipated by most participants is the opportunity to learn and practice self arrest, and Gunstock Mountain of most of the topics covered in the introduction program. Each team is assigned two instructors, and with ropes, snow pickets and rescue pulleys in hand, teams head for the slopes for a full day of training.

We assess the fundamentals through practical exercises by having participants demonstrate properly dividing the rope, clipping in and individually checking each other to ensure we can safely start climbing. Ascending the slope as a team reestablishes the rhythm needed to move efficiently. Instructors frequently establish a route using wands, something which helps to simulate that real world experience. We introduce a running belay and the techniques used for safely

passing your clip-in knot across the belay anchor. We also review self-arrest to reinforce those skills. Repetition of all these skills is designed to increase confidence and establish the foundation necessary for safely building snow anchors, followed by crevasse rescue hauling systems. Our instructors

typically one of the instructors. The hauling systems we cover range from the simplest "heaveho" to complex mechanical advantage, using multiple pulleys and improvisation techniques. If there is sufficient time, a dynamic "un-scripted" rescue scenario is practiced by the team, and anything can





review the most common snow anchors including improvisation techniques, and then demonstrate building several before participants practice building and testing their own.

Next, the instructors explain and demonstrate the need for and construction of hauling systems and the anchors required to support them. All team members practice all aspects of the anchor building and hauling activities, including the rescue of a fallen climber,

happen! At the end of the day, everyone descends to "base camp" for a group recap and review.

Registration opens for both courses after January 11, 2015. The course dates are: Introduction to Glacier Travel on April 9, 2016 and Glacier Travel and Crevasse Rescue on April 16-17, 2016. For more information, contact Workshop Director Jim Kent at jimkent@comcast.net.

provides the terrain necessary for practicing these critical skills. We also discuss, demonstrate and practice the rope handling skills you will need to know for safe glacier travel.

Our Crevasse Rescue Workshop is an intense two-day, weekend program that builds upon the fundamentals covered in the one-day, introduction program. Practical field experience is also acceptable. The workshop begins with instructor introductions, team assignments and a quick review





Storrs Hill Light Backcountry Skiing

MICHELLE BEADLE

The AMC-NH Skiing Committee's light backcountry skiing class begins in mid-January. Last year, 11 adventurous skiers arrived at Storrs Hill in Lebanon to learn from our expert leaders. The class consisted of six, 90 minute sessions in the afterwork hours, plus a three-hour final outing on a Saturday morning.

We were clad in gear as varied as the terrain we faced during the course, with the first sessions on impeccably

groomed, man-made snow at the resort slopes and the final day on powdery runs through trees. Likewise, some skiers elected to use full alpine touring skis complete with climbing skins, while others used telemark gear. The rest of us decided to face the challenges ahead with whatever gear we had in our garage: from classic NNN touring skis, through the BC NNN variations all the way to the classic three-pin bindings. We called the two groups Skins and Scales!

Each class began with a

short lecture. Topics covered included types of skis used in the backcountry, backcountry etiquette, and what to carry in your backpack. We even had New England skiing icon, Jed Eliades, as a guest instructor on map and compass night.

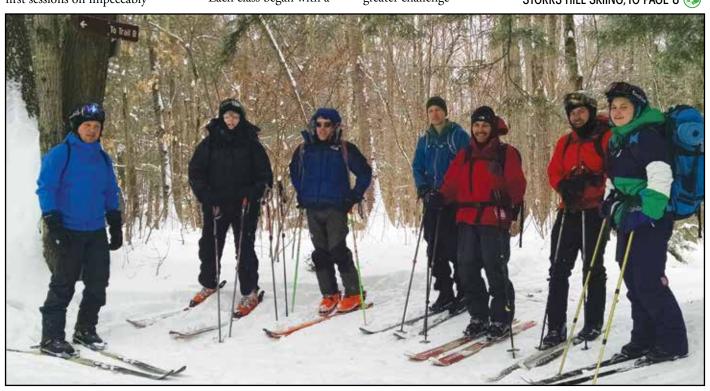
After lecture, those with heavier gear were led by Simon to perfect their skinning techniques up the ski slopes. Valerio taught the rest of us how to use our scales to climb the mountain. Many of us learned that while ascending is physically demanding, the greater challenge

would be trying to remain vertical going downhill on skis with little to no edges or turning capabilities. Everyone's techniques improved greatly over those five weeks, both uphill and downhill, and we even began to learn the basics of telemark turns and stops.

The final class put everyone's new skills to the test. We left the now familiar ski slopes to explore the side trails adjacent to the ski area. Not only did this require us to use our

STORRS HILL SKIING, TO PAGE 8 (%)





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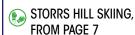




Appalachian Mountain Club NH Chapter PO Box 16192 Hooksett, NH 03106

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physical skills, but also trip planning, map reading and route finding skills. The picturesque trails through the woods offered rolling terrain with plentifully fresh powder. We navigated our way to an open field at the top of Storrs Hill. From here we headed back down the mountain putting our balance and ski control skills to the test while skiing down the narrow trail around trees and other natural obstacles. Great fun was had by all, but the jury is still out whether skins or scales are the better choice. Sign up for this year's class to find out for yourself!

A version of this article previously appeared in the AMC-NH Chapter Skiing Newsletter



Biking with AMC NH in 2016

DORIA HARRIS

Winter is upon us, but the AMC NH Bike Committee is already planning activities for the 2016 biking season.

Did you know June 3-5, 2016 is National Bike Travel Weekend? Haven't toured by bike before, but would like to try it? You can get in on the fun by participating in our AMC Bike Touring Program, happening that weekend.

We will help you get started by offering a talk and workshop on Friday about touring by bicycle. This workshop will cover trip planning, bike preparation and what and how to pack. On Saturday, we will pack up our bikes and go on a bike overnight. The touring workshop and the bike overnight are both free and open to AMC members and non-members. Participants must be 18 or older.

We will also be offering rides of varying lengths, levels of difficulty and surface types throughout the state from the Connecticut River to the Seacoast. We are also continuing the Bike Challenges. We will again offer the NH Covered Bridge Challenge, ride the same 15 you rode in 2015 or ride to some new ones. In recognition of AMC's 140th Anniversary,

we will be offering a 140-mile challenge - ride 140 miles with AMC in 2016, (that's only seven 20 mile rides). Other new challenges are also being considered. Do you have a favorite challenge that you'd like to suggest? Tell us about it at: amcnhbike@gmail.com

Look for our postings on the Bike Activities web page: amc-nh.org/committee/bike/ index.php and in the spring issue of Mountain Passages.

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