


Mountain P A S S A G E S

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Trip Report

North Picket Traverse, North Cascades, Washington

JOHANNA HUNTER

Our toughest day consisted of 14 hours of travel over steep snow and vegetation, ledges, gullies and rock slides with epic bushwhacking and tricky route finding. Trip Organizer Wally Celtrick, who had been to the area previously, had promised such excitement when he proposed an eight-day traverse of the North Picket range in the North Cascades in Washington. The team of Wally, David Coleman, Toby Burgess and I – all engaged with the AMC NH Mountaineering Committee in some way – relished the opportunity to challenge ourselves in a beautiful, untouched place.

To start the journey we took a Ross Lake

water taxi to the trailhead (the only option), and shouldered our packs weighing from 45–55 pounds. We spent the first two days and 17 miles on a trail with numerous blow-downs and some brief bushwhacking.

The third day we entered the true beauty of



NORTH PICKET TRAVERSE, TO PAGE 3 

OUR MISSION

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.

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NOVEMBER-DECEMBER 2016

Fri.-Sun., January 20-22 or Fri.-Sun., February 24-26, 2017

AMC NH Chapter Winter School

RICK SILVERBERG

This workshop offers instruction in winter mountain travel to backcountry skiers and snowshoers of all levels, covering just about every aspect of winter backcountry travel including a special leadership track.. The weekend is filled with instruction, field exercises, lectures and discussions. And there will be plenty of great food to fuel you back up! Choose from one of the fol-

lowing classes:

Winter Mountain Travel: (beginner and intermediate classes) Instruction in safety equipment, route finding, map and compass, off-trail navigation, weather, trip planning, nutrition and emergencies in the mountain environment.

Backcountry Skiing: (beginner, intermediate and down-mountain backcountry classes) Taught by AMC Cardigan Mt. Ski school instructors.

WINTER SCHOOL 2017, TO PAGE 6 



Notes From The Chair

Winter Fun—ski, climb, snowshoe

BILL WARREN

I remember a few years ago meeting a young woman who was taking a class at the January Winter Workshop at Cardigan Lodge. She was enrolled in the Wilderness Backcountry Travel class, or for simplicity, a snowshoeing class with lots of extras. She told me she was an avid hiker but by the first of November her hiking gear was put away and not used again until April, "Because it was too cold."

At the end of the second day, I asked her how the class was going. She was thrilled. She told me she never realized how much fun it was to be out on a winter trail and be so warm. She was hooked and armed with what I hoped were the skills she needed to get out and enjoy all winter has to offer.

It is time to dig out all you winter gear and get ready to go! If this is new to you there are a few things you will need along with some instruction from a good friend or one of the classes we offer including the Winter Hiking Series and the Cardigan Workshops. You can also sign up for a winter day hike with

one of our trained leaders.

You will need good winter layers and wind protection. Then you need to add a good warm pair of winter boots, some microspikes, snowshoes, and goggles. You can find gear lists at your local outdoor outfitter, through a class or while on a hike looking at what others are using. Some gear you should reconsider such as an ice ax. If you are not trained in its use it may be more of a liability than a benefit.

I like to tell the story about a winter hike to Mts. Peirce and Eisenhower. A friend of mine heard about me doing this and asked if he could join. I knew he was fit enough to handle the hike but he did not have much winter hiking experience and had never been above treeline in winter. So I emailed him a list of what he needed to have. His reply was, "Really?" I said, "Really. If you want to go with me you need everything on the list." Begrudgingly he agreed.

We met at the Crawford trailhead and it was -17 degrees. Nice enough for a hike through the woods. We were able to bareboot to Mt Peirce, which is quite well protected, so it was

pretty easy. As we began crossing the open saddle to Eisenhower I told him to gear up; wind protection, goggles, snowshoes, hat, mittens, and balaclava. There was a small protest as he put on the gear. When we reached the top of Eisenhower it was -10 degrees with a 35 MPH wind and bright sun. It was beautiful. Now all the gear started to make sense. When we once again reached the protection of the woods below treeline, he started thanking me for making sure he had all the necessary gear. He was safe, warm and had a wonderful day in the mountains.

Everything went well that day. Rule number one of winter hiking is to know you may not make your objective. Always have a plan to turn around when things get uncomfortable.

We as New Hampshire activity leaders tell our groups our job is not to get you to the top of the mountain but rather to return you safely to your car.

Enjoy the winter.



— UPCOMING EVENTS —

Avalanche Awareness Course- Feb. 18-19, 2017

Intro To Lite Backcountry Skiing
Storrs Hill, Lebanon, NH

SEE BOTH EVENTS ON PAGE 4

MOUNTAIN PASSAGES

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November/December 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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You'll get added resources not available to print subscribers: direct links to emails, forms and online information, color photos, online registration forms.

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**NORTH PICKET TRAVERSE,
FROM PAGE 1**

the alpine zone, getting onto the snow slopes of our first big peak, Mt Whatcom. We split into two teams for Whatcom – David and Toby climbing the airy ridge up and over the peak, and Wally and I doing the longer glacier route that circled nearly 70 percent of the mountain's base. (Wally had done the ridge route previously.) As darkness fell we learned David and Toby were safe at Perfect Pass, our rendezvous site, while Wally called halt due to on-coming darkness and rain. We dug a snow platform with our ice axes and hunkered down for the night. On day four, we found our way to Perfect Pass and met up with the other guys. Shortly thereafter we geared up to cross the Challenger Glacier which was riddled



climbing. After lunch we roped up for more glacier travel and then route finding over ledges, deep drainages and steep vegetation down into Luna Cirque, a tightly knit circle of towering peaks. We spent a night on the floor of this amazing cirque listening to huge near-by rock and ice slides. On day six we started out early for a slow, careful trip across a talus field to Lousy Lake, then started a 4,000 feet or more ascent to Luna Col. As with the four days prior, we had to find a route to our destination and luckily we had skilled navigators who got us there



with crevasses and required cautious route finding by David and Toby.

Early on day five, the guys climbed Mt Challenger, while I had some downtime. We had planned two rest days in the schedule, but ended up taking zero due to the demanding

safely. At the Col we searched for a good place to camp, but due to heavy fog we had to again dig a snow platform for the night among steep snow slopes and cliff bands.

Day seven was our longest and toughest day, starting at our high camp of approximately

7,000 feet and ending at approximately 2,000 feet at the Big Beaver River. From our camp we went down steep snow slopes and intermittent ledges to loose rock and steep wet vegetation. The route finding was epic while seeking a very narrow knife edged connecting ridge on the flank of Mt Luna. We used a GPS and in the end relied upon tried and true map and compass work to slowly find weaknesses in the landscape that would get us down further toward Access Creek. With persistence by 7:30 p.m. we were out of the alpine zone and at Access Creek. Then came the bushwhacking. We had to meet a water taxi at Ross Lake the following day and had to push on even though everyone was tired and didn't eat anything more than trail snacks all day. We had to hack and stumble in mostly heavy underbrush for 1.8 miles. The going was slow and soon we were bushwhacking in the dark. We tried the GPS, but eventually relied upon compass dead reckoning using an azimuth to finally get to the Big Beaver River around midnight. We continued on looking for a place to cross the river before camping for the night. Wally took a misstep and fell approximately 25 feet down an embankment toward the river. Once he was back safe again we



agreed to bivvy for the night. It was 1:00 a.m.

Day eight, the final day, we woke to lovely forest, which seemed impenetrable the night before. We bushwhacked down to the river and within 15 minutes found a logjam we could use to cross the river! On the other side we bushwhacked up to the Big Beaver Trail – a well-maintained trail that would take us approximately 12 miles back out to Ross Lake. We were so excited to be back on a trail that we set off at a blazing pace of two to three miles per hour, but after the first few miles we got ever slower with the last few painful miles at a snail's pace. Finally back at Ross Lake after eight days (seven without seeing anyone else) we all collapsed on the dock with our butts sufficiently kicked. That night we all thought we were in paradise with fresh food, a bathroom and comfy beds.

Thursday, January 19, 2017

Galapagos Islands Presentation

TERRI WILSON

What is a Blue Footed Booby? Is that for real? Please join us at the Concord Library January 19 at 6:00 p.m. We have a slide show presented by Larry Yetter and his wife,

Bonnie, on the Galapagos Islands and Machu Picchu. Larry will show slides of the infamous Blue Footed Booby, other colorful birds and unique wildlife of the region.

Larry and Bonnie have lived in Australia, Europe and Asia and have traveled to all

seven continents, exploring nature and all that the world has to offer. Recently they have visited Ecuador and Peru. Larry is an active AMC NH Chapter trip leader and has completed several of the New England hiking lists. Larry started hiking as a Boy Scout at which

time he attended the World Jamboree in Norway. This ignited his interest in travel and photography.

We hope you will join us as Larry and Bonnie share this memorable trip.



2016/17 AMC NH Skiers calendar

Date/locations are tentative! Please check with leaders and online at:
<https://activities.outdoors.org> Blue writing is for midweek trips
 Questions? valerio.viti@gmail.com

Trip Social
 Clinic Trail work

UPCOMING EVENTS

Date	Event	Where	Activity	Style	Level	Leaders
Sun 10/30/2016	Cardigan ski trail workday and ski swap	Cardigan NH	Trail work	Trailwork	All	Valerio, Richie
Sat 11/5/2016	ESAW	North Conway NH	Clinic	First Aid	All	
Sat 11/12/2016	Wilderness First Aid, SOLO	Conway NH	Clinic	First Aid	All	
Sun 11/20/2016	Ski Leader Training	Cardigan NH	Clinic	Workshop	All	Valerio, Paul
Sat 12/17/2016	Telemark clinic for leaders (Tasse)	Loon Mt NH	Clinic	Telemark instruction	Int/Adv	Paul, Jim Tasse
Sat 12/31/2016	New Year's Eve Day Skin	TBD NH	Trip	Resort downmnt	Int/Adv	Paul, Al
Sun 1/1/2017	XC ski trip around Concord	Concord Area NH	Trip	Light BC	All	Marty, JR
Thu 1/5/2017	Telemark Clinic	Gunstock NH	Clinic	Telemark instruction	All	Scott, Paul
Sat 1/7/2017	XC to BC transition clinic	Gunstock NH	Clinic	XC resort	Beg/Int	Ted, Emilie
Sun 1/8/2017	XC ski Leader Training	Gunstock NH	Clinic	XC resort	Adv	Ted
Sun 1/8/2017	Beaver Brook	Twin Mountain NH	Trip	Light BC	Beg/Int	Grigory, Erik
Sat 1/14/2017	Hubbard Hill Family Ski	SW NH	Trip	Light BC	Beg/Int	Emilie, JR
Sat 1/14/2017	Ascutney YM XC ski	Ascutney VT	Trip	Light BC	All	Michelle, Jed
Sun 1/15/2017						
Mon 1/16/2017	Intro to Light BC, Skins, series of 6 class	Lebanon NH	Clinic	Light BC	Int/Adv	Valerio, Erik
Tue 1/17/2017	Lunchtime Skate skiing at Oak Hill	Hanover NH	Trip	XC resort	All	Valerio,
Tue 1/17/2017	Telemark Clinic	Gunstock NH	Clinic	Telemark instruction	All	Scott, Paul
Wed 1/18/2017	Intro to Light BC, Scales, series of 6 class	Lebanon NH	Clinic	Light BC	Int/Adv	Valerio, Simon
Sat 1/21/2017	Coppermine/Tuckerbrook	Lincoln NH	Trip	BC downmountain	Int/Adv	Becca, Paul
Sat 1/21/2017	Winter School I: Ski classes for					
Sun 1/22/2017	Intro/Interm/Adv BC skiing	Cardigan NH	Clinic	Workshop	All	Scott
Sat 1/28/2017	Kancamagus Brook	Waterville NH	Trip	Light BC	Beg/Int	Darrell, Joel
Sun 1/29/2017	Livermore Gap	Kancamagus NH	Trip	BC downmountain	Int/Adv	Thor, Brian
Tue 1/31/2017	Lunchtime Skate skiing at Oak Hill	Hanover NH	Trip	XC resort	All	Valerio,
Thu 2/2/2017	Telemark Clinic	Gunstock NH	Clinic	Telemark instruction	All	Scott, Paul
Fri 2/3/2017	Evening ski social at Storrs Hill	Lebanon NH	Social	Resort downmnt	All	Valerio, Nik
Sat 2/4/2017	Cogg railway	Mt. Washington NH	Trip	BC downmountain	Int/Adv	Tyson, Margaret
Sun 2/5/2017	Beginner XC Ski	Concord NH	Trip	XC resort	Beg	Grigory, JR
Sun 2/5/2017	Backside Wildcat valley trail	Jackson NH	Trip	Light BC	Int/Adv	Scott, Brian
Wed 2/8/2017	Connie's way	Mt. Washington NH	Trip	BC downmountain	Interm	Tim, Al
Fri 2/10/2017	Sherburne ski trail	Mt. Washington NH	Trip	BC downmountain	Int/Adv	Ted, Karl
Fri 2/10/2017	Evening ski social at Storrs Hill	Lebanon NH	Social	Resort downmnt	All	Valerio, Casy
Sat 2/11/2017	Moosilauke Carriage Road	Moosilauke NH	Trip	BC downmountain	Int/Adv	Becca, Paul
Sat 2/11/2017	XC Ski Clinic	Gunstock NH	Clinic	XC resort	All	Ted, Emilie
Sun 2/12/2017	Agamenticus	York ME	Trip	BC downmountain	Interm	Grigory, Robin
Sun 2/12/2017	Steeps/Bumps Clinic	Cannon NH	Clinic	Resort downmnt	Int/Adv	Ted, Paul
Tue 2/14/2017	Lunchtime Skate skiing at Oak Hill	Hanover NH	Trip	XC resort	All	Valerio
Tue 2/14/2017	Telemark Clinic	Gunstock NH	Clinic	Telemark instruction	All	Scott, Paul
Wed 2/15/2017	Wildcat Valley from Jackson and back	Jackson NH	Trip	Light BC	Int/Adv	Tim, Al
Fri 2/17/2017	Evening ski social at Storrs Hill	Lebanon NH	Social	Resort downmnt	All	Valerio, Michelle
Sat 2/18/2017	Light BC class finale	Moose mountain NH	Clinic	Light BC	Int/Adv	Valerio, Erik/Simon
Sat 2/18/2017	Cedar Brook	Lincoln NH	Trip	Light BC	Beg/Int	Marty, Erik
Sat 2/18/2017	Avalanche awareness class	Pinkham Notch NH	Clinic	Workshop	All	Marty, Casy, Matt
Sun 2/19/2017						
Sun 2/19/2017	Doublehead	Jackson NH	Trip	BC downmountain	Int/Adv	Jen, Margaret
Sun 2/19/2017	Brandon Gap	Goshen mnt VT	Trip	BC downmountain	Int/Adv	Ted, Nik
Mon 2/20/2017	Cardigan ski day for Young Members	Cardigan NH	Trip	BC downmountain	All	Michelle, Matt
Sat 2/25/2017	Mt. Marcy	Adirondaks NY	Trip	BC downmountain	Int/Adv	Casy, Jen
Sat 2/25/2017	Winter School II: Ski classes for					
Sun 2/26/2017	Intro/Interm/Adv BC skiing	Cardigan NH	Clinic	Workshop	All	Scott
Tue 2/28/2017	Thunderbolt	Mt Greylock MA	Trip	BC downmountain	Int/Adv	Becca, Margaret
Tue 2/28/2017	Lunchtime Skate skiing at Oak Hill	Hanover NH	Trip	XC resort	All	Valerio
Thu 3/2/2017	Telemark Clinic	Gunstock NH	Clinic	Telemark instruction	All	Scott, Paul
Sat 3/4/2017	Monson Family Ski	Monson NH	Trip	Light BC	Beg	Emilie, Joel
Sat 3/4/2017	Pemi Ski Through	Lincoln NH	Trip	Light BC	Adv	Scott, Erik
Sat 3/4/2017	Nanamocumuck	Kancamagus NH	Trip	Light BC	Interm	Darrell, Karl
Sat 3/4/2017	Ascender's Trip	TBD	Trip	BC downmountain	Adv	Casy, Brian
Sun 3/5/2017	Rochester Gap	Rochester VT VT	Trip	BC downmountain	Beg/Int	Jed, TBD
Sat 3/11/2017	Avalanche Brook	Pinkham NH	Trip	BC downmountain	Interm	Emilie, Al
Sat 3/11/2017	Mansfield ridge traverse to Tear Drop	Underhill VT	Trip	BC downmountain	Adv	Valerio, Nik
Sun 3/12/2017	Cardigan BC Ski	Cardigan NH	Trip	BC downmountain	Interm	Marty, Margaret
Tue 3/14/2017	Telemark Clinic	Gunstock NH	Clinic	Telemark instruction	All	Scott, Paul
Tue 3/14/2017	Lunchtime Skate skiing at Oak Hill	Hanover NH	Trip	XC resort	All	Valerio
Sat 3/18/2017	Gulf of Slides ski trail (no chutes)	Mt Washington NH	Trip	BC downmountain	Int/Adv	Tim, Al
Sun 3/19/2017	Magical Mystery Thor	TBD	Trip	BC downmountain	Int/Adv	Casy, Thor
Tue 3/21/2017	Lunchtime Skate skiing at Oak Hill	Hanover NH	Trip	XC resort	All	Valerio
Sat 3/25/2017	Mt. Hale	Twin Mountain NH	Trip	BC downmountain	Int/Adv	Valerio, JR
Sun 3/26/2017	Gulf of Slides	Mt. Washington NH	Trip	BC downmountain	Int/Adv	Tyson, Brian
Sat 4/1/2017	Oakes Gulf	Mt. Washington NH	Trip	BC downmountain	Adv	Paul, Margaret
Sat 4/1/2017	Big Jay	Jay Peak VT	Trip	BC downmountain	Adv	Valerio, Erik
Sun 4/2/2017	Black Mountain	Mt Kearsarge NH	Trip	BC downmountain	Int	Joel, TBD
Sat 4/8/2017	Gulf of Slides	Mt. Washington NH	Trip	BC downmountain	Adv	Jen, Nik
Sun 4/9/2017	Ascenders Trip	TBD	Trip	BC downmountain	Adv	Casy, TBD
Sun 4/9/2017						
Sat 4/15/2017	Tuckerman's	Mt. Washington NH	Trip	BC downmountain	Adv	Tyson, JR
Sat 4/22/2017	Great Gulf	Mt Washington NH	Trip	BC downmountain	Adv	Matt, Brian
Wed 4/26/2017	Closed Resort Trip	TBD NH	Trip	Resort downmnt	Int/Adv	Becca, Margaret
Sat 5/6/2017	End of Year party	Tuckerman's NH	Trip	BC downmountain	All	Valerio, Paul

Valerio and Paul, October 2016





Trip Report Summer Skiing the Pacific Northwest

CASY CALVER

Thanks to the enthusiasm and know-how of my good friend Paul Fleming (current east coast skier, former resident of Oregon), I had the opportunity to ski volcanoes of the Pacific Northwest (PNW) over two long weekends in June this summer. The second weekend we were joined by fellow Ski Committee (SC) leader Matt Schraut and regular SC trip participant Nicole Sims, whom we were lucky to meet through collaborations with SheJumps this past season.

June 3-5: Mt. Adams, Cascades, Washington

This particular weekend will be remembered for the heat! Temperatures were in the 70s even up at the summit of Mt Adams (12,280'), which is the second-largest volcano in Washington, after Rainier.

Friday morning, Paul and I departed from the Cold Springs campground (5600') and ascended the South Climb's winter route to camp at "Lunch Counter," (9000') an area just above the Crescent Glacier.

The greatest challenge of the weekend was managing the heat, combined with staying hydrated and not blowing any knees in the ankle-deep slush that was particularly goopy at lower elevations. We had hoped to ski the mountain's famous Southwest Chutes (described by some as one of the best ski descents in the world: <https://www.wildsnow.com/7752/adams-mount-washington-skiing-climb/>), but the risk of a wet slide was too great as the snow even high on the mountain was not freezing at night and much of the snowpack was therefore unstable. So we decided to stick to moderate terrain and play it safe, a decision that was reinforced by the glide cracks

we saw on some steeper south and SW-facing aspects.

On Saturday we skinned and booted to Pikers Peak (11,657'), the false summit, and then on to the actual summit, which afforded incredible views of Rainier, Hood, and Mt St Helens. We found that although it was not icy, ski crampons were useful in addition to skins for maintaining an edge on switch-back skintracks. After the requisite summit photos, Paul and I enjoyed the 3000+-foot descent from the summit back to our campsite.

Sunday we had time for



a short tour in the immense snowfields skier's left of the SW Chutes, which offer moderate-angle skiing as far as the eye can see.

The trip was incredible and I vowed I would be back to ski this wonderful mountain again! Little did I know how soon it would be...

June 17-20: Mt Shasta, rerouted to Mt McLoughlin, Bailey, and... Adams, part deux! Trip members: Paul Fleming, Matt Schraut, Nicole Sims, and myself

The week before this trip, the mountains of the PNW received a good dump of snow, anywhere from 5-15 inches in places. Unfortunately, the timing of the storm was such that the avy reports for Mt Shasta (Cascades, CA, 14,179') were dire, so we rerouted to an ambitious goal of 4 volcanoes in 4 days. The plan experienced

several permutations as the weekend evolved; this was the end result.

Day 1 (Friday). Goal: Ski Mt. McLoughlin (Cascades, Oregon, 9495') and Mt Bachelor (ski area, closed for the season, Cascades, Oregon, 9068').

Route-finding woes meant that we spent 6 hours executing a truly heinous bushwhack in periods of rain on McLoughlin, culminating in 8 miles of ground covered and not an inch of that on skis, although at one point the clouds lifted enough so we could see the lower flanks of the snowfields!

Result: 0 volcanoes skied

Day 2 (Saturday): Goal: Ski Mt Bailey (Cascades, Oregon, 8376')

The suffering of Friday was rewarded Saturday with a lovely experience climbing and skiing Mt Bailey. We hiked for a couple miles before hitting continuous snow, enabling us to skin almost to the summit.

Fresh snow had fallen recently, which made for lovely skiing, but after hiking the summit ridge and noticing the cornices on our right, we decided that it wasn't worth risking tagging the summit, so we turned around about 200 feet short of it.

The skiing down was excellent and the only people we saw all day were two hikers near the summit, which just goes to show that these "minor" peaks see low traffic compared with the big-time mountains out here! Much of the skiing at higher elevations was wide open snowfields and chutes, which gradually narrowed to more technical tree-skiing as we neared the snow line.

Result: Pretty much one volcano skied.



Day 3 (Sunday): Goal: Drive to Cold Springs campground. Hike and skin a few thousand feet up Adams and camp in preparation for skiing the SW Chutes on Monday.

We accomplished this goal and fashioned campsites that were feats of engineering in the snow at around 7500'.

Result: 0 volcanoes skied.

One strawberry moon witnessed.

Day 4 (Monday): Goal: Ski SW Chutes on Adams.

Alas, second time was not a charm. The snowpack remained unconsolidated and we decided it was too risky to attempt the SW Chutes, which turned out to be the right decision.

On our drive out, we noticed a long wet slide in the chutes! Instead we skinned/booted up the South Climb route that Paul and I had done a couple weeks before, reaching the summit and skiing back down to our campsite in time to pack up and head back to the truck.

I would recommend skiing the PNW volcanoes to anyone who has an interest, particularly relatively minor and lightly traveled peaks like Bailey! Flights (from Boston, at least) are not terribly expensive and once you're out there costs are limited to a rental car, food, and permits, which are reasonable. It may sound extravagant, but I think it's worth doing at least once, if you like that kind of type II fun!



Biking Update

Re-Charging Your Rides

DORIA HARRIS

It's toward the end of the cycling season. I've ridden my favorite local routes dozens of times and I need a little extra boost to get myself out as the days get shorter and colder. When jacket and long fingered gloves are necessary, what motivates me to ride? For me it is the promise of a new road and a hot cup of coffee at a local general store somewhere along the way.

The Monadnock region is dotted with town centers, each about 7 to 10 miles apart and many have a town general store or cafe which provide food and drink. Each of these general stores has its own character, are often located in picturesque town centers and have, besides coffee, other delights. The stunning view of

fall colors from the porch of the Harrisville General Store, hot coffee and a warm, fresh baked cookie at the Dublin General Store and warm soup in Hancock on cold November day come to mind. A ride to one of the local general stores makes for a nice cool weather destination but it's even more fun for me to create what I call Coffee Circuit rides. My "rules" for these rides are: 1) ride to at least two general stores; 2) take at least one back road to get to the general store; 3) Don't go back the same way you came.

On these rides I've discovered new back roads, warm cookies, hot soup on a cold day and, of course, coffee. What can you discover riding to the general stores in your area?



WINTER SCHOOL 2017, FROM PAGE 1

Advanced winter wilderness travel: high peaks and crampons.

Winter backpacking: (beginner class in January and intermediate class in February) Instruction in backpacking equipment, campsite selection, route finding, map and compass, weather, trip planning, cooking and emergencies. For those who want to take their skills beyond day hiking. Plan to spend Friday and Saturday night outdoors and provide for your own backpacking equipment.

Leadership and Mountain Skills: For those who have good winter hiking and/or skiing skills, and wish to enhance them to run trips of their own. Exercises in planning, organizing and conducting trips with emphasis on leadership tech-

niques and group dynamics. Plus the basics of accident scene management, medical considerations and off-trail navigation. This course is also for those with potential and desire to become Trip Leaders for AMC's NH Chapter.

Not sure which class is right for you? Just ask Workshop Director Rick Silverberg at (603) 225-5921. You must be 18 years or older to attend. Cost is \$160 for AMC members and \$180 for non-members, and includes lodging, excellent meals, materials and instruction.

Workshop begins at 7:30 p.m. on Friday and ends at 4:30 p.m. Sunday. For more information go to www.amc-nh.org and to register, go to <http://amcnh.registration.qilan.com>



Mt. Washington Valley Economic Council

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- Will build to suit (see representative building)
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Conservation Corner *Stationary Clouds*

PAUL HOPKINS

Stationary clouds appear to be fixed in the sky and may have well defined shapes and boundaries. Even though the cloud appears to be not moving relative to an observer standing



outside the cloud, the interior of the cloud is in constant motion.

In general, the phenomenon behind stationary clouds is warm moist air being blown into a zone where the vapor condenses, (becomes visible), moves through the zone, and



evaporates exiting the zone, (becomes invisible). The visible cloud exists within the zone, and as long as the conditions creating the zone do not change, the cloud appears to be fixed in the sky. Mountains and

other ground formations create air flow disturbances, eddies, and temperature gradients that enable these zones to exist.

A simple type of stationary cloud is the cap cloud. Air cools with elevation. When warm moist air passes over a

high ridge or summit, it may condense into a cloud which evaporates when descending the other side. The resulting cloud appears to be attached to the summit.

This cap cloud formed over Mt. Webster as the upper air cooled at sunset, and it was subsequently illuminated by the alpenglow from the setting sun.

You may observe streaming clouds extending outward from mountain passes, descending partway downslope before vanishing. These streamers resemble 'fingers' gripping the slope and may remain in place for up to an hour or so.

From a vantage point on Mt. Monroe, above the cloud tops, one can observe the phenomenon. Cool morning fog is rising from the Bretton Woods

valley forming a cloud mass which is being blown across the Southern Presidential Ridge between the passes separating Mt. Franklin, Eisenhower, Pierce, and Webster forming streamers. The streaming clouds evaporate as they descend into the warmer, drier air from the Dry River Valley creating the extending fingers. While the descending extensions are stationary relative to the mountain, the formation is being constantly refreshed from the rising Bretton Woods cloud bank.

Perhaps the most spectacular stationary clouds are the

tion to occur. For an observer it's a matter of being in the right place at the right time.

This "short stack", viewed from the Highland Center, formed over the Webster-Pierce Ridge at sunrise. It was observed on the way to breakfast, before heading out for the day's activities.

Lenticular clouds can take on interesting shapes. They have been mistaken for flying saucers and other UFOs. This "Flying Saucer" emerging from a cloud bank over the Mt. Washington Valley was observed one winter afternoon while



Lenticular clouds. Lenticular clouds generally form flattened discs that resemble lenses. They are formed by the "mechanical turbulence" caused when air currents are disrupted by mountains forming eddies and complex standing waves on the downwind side.

The occurrence of a Lenticular Cloud is an unpredictable event. The winds, ground obstacles, and moisture conditions must interact in just the right way for the cloud forma-

photographing in Diana's Baths. It retained its shape while advancing slowly across the sky.

Pilots of powered aircraft avoid getting too close to lenticular clouds because of the associated air turbulence.



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'Mountain Passages' is only the beginning...

From hiking to biking, AMC's New Hampshire chapter has it all. Visit our website at amc-nh.org and read more about us and our many year-round events.

20s and 30s Update *Friday-Sunday, November 4-6, 2016*



Joe Dodge Lodge Young Members Weekend

JAMIE GILLON

Join the Young Members for our annual fall cabin weekend event. We will be staying at Joe Dodge Lodge which provides great accommodations and food. Whether you want to join one of our group hikes or pursue something on your own, this is an excellent location in the Whites to do just that.

SPACE IS LIMITED. Please call AMC Reservations for as-available space.

1. Call the AMC Reservations Line at 603-466-2727 Mon-Sat, 9 am to 5 pm
2. Tell the Customer Service Representative you would like to reserve into group reservation: AMC NH Chapter Young Members/ GROUP Reservation #337528
3. Provide food allergy informa-

tion and vegetarian requests.

4. Payment in full is required when you reserve. MasterCard, Visa and American Express, Discover accepted.

5. Cancellation Policy: Full refund less \$25 processing fee for cancellations made more than 14 days to the first day of your stay. There is full credit on transfers made more than 14 days prior to stay. Less than 14 days, there is no refund or

transfer.

All bed linens and quilts and a bath towel are provided for you. The Black Moose Deli is open 9:30am -3:30pm for a la carte lunch items. The Demo Center offers guests the opportunity to try out Lowa Boots, Leki hiking poles, and Hillsound winter traction for free. For meal times and driving directions visit www.outdoors.org/pinkham



Mountaineering Speaker *November 9 at 6:00 p.m.*

TERRI WILSON

Please join us Wednesday, November 9 at 6:00 p.m. at the Kilton Library in West Lebanon, New Hampshire. Our first featured speaker is Jamie Huntsman. Jamie will be sharing his

experience as a climber and as a survivor of an avalanche in Huntington Ravine. He will share his story about that day and his rescue.

Our second speaker of the evening will be J. Edwards Eliades (Jed). Jed has been a

climber for over 50 years and is a leader for the NH AMC Mountaineering section. He has provided classes in climbing, back country skiing and mountain safety. Jed will be adding to our evening with information regarding safety and proper

equipment.

Please join us to hear about these two gentlemen's outdoor experiences. If you have any questions you can contact Terri Wilson at 334-787-2426.