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**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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**Annual Meeting**

*Nepal, Mt. Everest Base Camp and Beyond*

LUANN LAQUERRE, DEBBIE MARCUS AND TERRI WILSON

AMC-NH Chapter Programs Committee is pleased to announce the guest speaker for the 2017 Annual Meeting will be Jake St. Pierre, who will share his experiences and photos as a mountaineer and climber during the 2014 avalanche on Mt. Everest that killed 16 Sherpas and highlighted an international debate on the labor conditions and roles of the Sherpa guides.

In 2014, the American Climber Science Program recruited St. Pierre to assist in climate change research. The program collected snow and ice samples from Mt. Everest and her sister peak Lhotse, the world’s fourth highest peak, to test for the collection of black carbon blow from surrounding countries. The trip was cut short by the historic avalanche on Everest, which took a member of St.

Photos courtesy of Jake St. Pierre.

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**Notes from the Chair**

*NH Chapter Learning Opportunities*

BILL WARREN

I have attended a few of the educational workshops we offer here in the New Hampshire Chapter both as a participant and as an instructor. As a participant, I was so happy with what I learned that I wanted more. As an instructor, I found the participants I was teaching had very similar thoughts to mine.

We decide to take up any number of outdoor activities, and while we may do well as we learn the basics, we also stumble, get wet, make some missteps, all while somehow not getting lost or hurt. Then we hear about another workshop designed to address a specific concern of ours. We take the class, and we are hooked.

This column is a great forum to tell you about the educational workshops we offer here in the NH Chapter. I contacted the Committee Chairs of Skiing, Mountaineering, Biking, Trails, Paddling and Excursions to help me compile a list of these workshops.

I was overwhelmed. I had no idea the list would have 60 workshops.

Furthermore, the Chairs told me, when
Pierre's team.

St. Pierre is a mountainer and climber who currently works as a safety guide and location scout for the hit NBC show Running Wild with Bear Grylls, where his responsibilities include rigging rope systems for show stunts, acquiring props, short roping crew on dangerous terrain, researching and writing the emergency and evacuation procedures for each show and the overall safety of the cast and crew throughout filming.

On top of working for NBC, St. Pierre is a lead survival instructor for the Bear Grylls Survival Academy in the Catskill mountains of upstate New York. He guides groups in the mountains and teaches them how to survive in the wilderness with minimal supplies. He also leads annual expeditions to Nepal and to the Mt. Everest base camp through his company, Juggernaut Adventures, and recently returned from a successful climb of Mt. Rainier, where each of his clients summitted.

Jake has climbed on Mt. Everest and in the Himalayas numerous times. He is also a certified Wilderness First Responder and personal trainer as well as a former police officer. Jake's family includes his wife, six-year-old daughter and a daughter expected to arrive in December. During Jake's presentation, he will also share info about his current interests in survival training and recent trips.

The AMC-NH's Annual Dinner will be held Saturday, October 28 at the Grappone Conference Center, 70 Constitution Avenue, Concord, NH.

The social hour begins at 5:30 p.m. (appetizers and cash bar) with dinner at 6:30 p.m. The menu will include a buffet dinner, soup of the day, salad, beef and chicken entrees, roasted potatoes, vegetable and chef's dessert display, rolls, coffee and assorted herbal teas. A brief business meeting and the featured speaker will follow dinner.

Register at www.amc-nh.org or with the mail-in registration form listed below. For more information, contact Debbie Marcus after 7:00 pm at 978-578-4198 or send an email to programsnh@amc-nh.org.

ANNUAL MEETING, TO PAGE 3
2017 ANNUAL MEETING REGISTRATION FORM
OR REGISTER ONLINE AT WWW.AMC-NH.ORG
GUEST SPEAKER JAKE ST. PIERRE
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Online registrations may be paid via PayPal

ALL REGISTRATIONS MUST BE RECEIVED BY THURSDAY, OCTOBER 12, 2017

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Long-standing Map and Compass Course a Participant Favorite

BETH ZIMMER
AMC-NH Excursions Committee recently wrapped up another successful Map and Compass Workshop this past July. NH Excursions Co-Chair Beth Zimmer has spent the past couple of years developing the workshop, which covers the essential map reading and compass skills most any hiker needs.

An avid bushwhacker and hike leader, Zimmer, along with fellow NH Excursions Hike Leader Barb Audin, began offering map and compass instruction to small groups a few years ago. Never quite able to keep up with demand, Zimmer and Audin knew they had to change the workshop’s model to increase capacity. Since the change, Zimmer has helped more and more leaders become map and compass instructors, and with more instructors, the workshop has expanded. Zimmer even developed a curriculum guide, or field “playbook,” so that each instructor covers the same skills and participants walk away with the same knowledge regardless which instructor with whom they are partnered.

Each six-hour workshop begins with a two-hour classroom component. Instructors teach participants basic map reading skills, such as understanding contours, water drainage, features that can serve as “handrails,” topographical features and the like. This is followed by gaining a solid understanding of how a compass works and how to use it, including the tricky concept of “magnetic declination” (the difference between “true north” and the direction in which the compass needle points). Wedding the compass and map concepts together is the final step before taking to the field.

The four-hour field course layers the basic skills on one-at-a-time. First, it’s as simple as, “What direction does the trail appear to be traveling on the map?” And, “Let’s confirm this with our compass.” Later that afternoon, participants are following contours in the woods, or bushwhacking small segments using “offset” to arrive at trail junctions.

As one avid hiker wrote in an email, “I’m embarrassed to admit that I’ve carried my compass for years and never knew how to use it! Thanks to your M&C class, I get it! I plan to practice my new skills regularly, and hopefully, stay found. Special thanks to Beth for her time, leadership and attention to detail.”

Last year, Zimmer and her fellow instructors trained about 30 participants, and this year, they trained another 27. Workshops fill quickly, and there is always a waitlist. Zimmer, along with either Audin or Philip Werner of AMC Boston, also offer weekend-long backcountry navigation workshops, using map, compass and GPS that includes handhelds and/or smartphones.
Conservation Corner

Peat Moss in the Boreal Forest

PAUL HOPKINS

Hiking through the upper mountain boreal zone, around 3,500’ and higher, one can’t help but notice the mostly green moss that covers just about everything. The sharp edges of broken boulders appear rounded, and much of the forest debris is covered by the growing moss. On a bright day, the velvety green moss appears like a soft blanket that smooths out all the rough edges. In areas where the Balsam Fir is well spaced, you can find inviting spots that beckon you to come in, lay down and rest a bit before moving on.

Should you take the imagined invitation and move off trail into this mossy realm, you will soon discover that the footing is very much like the trail you just stepped off, and it is also very wet. Quite unlike the visual expectations.

What is this moss? The moss blanket is composed of one or more varieties of Sphagnum, more commonly known as peat. Peat mosses thrive in wetland environments.

Peat moss, both living and dead, can hold a copious amount of water. As much as 16-26 times its own dry weight, depending on the species. It stands to reason that the effect is to soak up water during frequent mountain rainstorms so that the water doesn’t rush madly down the steep slopes. Between rainstorms, the stored water slowly drains downhill providing moisture and nutrients to the lower vegetation as well as maintaining stream flow.

A red variety of peat moss is scatted in pockets throughout the boreal forest. It is typically found where there are openings that provide more sun access.

The rain and fog that occur frequently in the mountain boreal forest keep it wet. In these wetlands, there are bogs, fens and swamps. All are characterized by their respective water chemistry and vegetation. Let’s consider some technical definitions for these mossy wetlands.

Bogs get their water mostly by precipitation. They generally appear as pockets of flat open areas with limited types of vegetation, relatively stagnant water flow, acidic and are nutrient poor.

Fens get their water by both precipitation and groundwater flow. They may be slightly acidic, neutral or alkaline, as well as nutrient poor to rich. Fens can form blankets on both slopes and flatter ground. Because of the range of pH and nutrients, fens can support a variety of vegetation, but are usually devoid of trees.

Swamps are wetlands that are forested, usually on relatively flat ground with visible standing water.

Therefore, we might consider mountain boreal forest moss blankets as having characteristics of both fen and swamp. The frequent rains are the principal water source which flows down slope like ground water with nutrients. These are the fen properties.

The presence of trees is the swamp property, but because of the slope, there is usually no visible standing water. The presence of rills and rillettes flowing out of the moss across the trail is evidence of the flowing ground water.

have enjoyed some of the comments made afterwards: “I have carried this compass for years and now I finally know what to do with it.”

I taught a winter backpacking class, where we had some of the worst weather possible. One of the campers was overheard saying, “because of them [the instructors] I have no more excuses.” Many of the participants have been impressed enough to become activity leaders for the chapter and instructors themselves. I did.

Perhaps you would like to learn to roll your kayak, follow a map, use a compass, ski the backcountry, camp in the snow, fix a flat tire, take a run down whitewater, have your kids learn how to “stay found,” climb almost vertical ice, maintain a trail, learn backcountry leadership skills or use a GPS device.

The workshop instructors all use the same basic teaching format. They will tell you, they will show you and very importantly they will have you do it. It is a great way to learn.

If you think it is time to take your outdoor fun to the next level, I suggest you consider one of our workshops. They are offered throughout the year, and you can find them by going to the NH Chapter website, amc-nh.org.

Look under the “Activities” tab to find them. I can vouch for all 60 workshops by saying you will be very happy with the experience. You will learn from qualified volunteer instructors, meet some wonderful likeminded people, make some new friends, learn many new concepts and, most importantly, have some fun. After all, in the philosophy of a famous New England company, “If it’s not fun, why do it?”

We have volunteer leaders ready when you are.
AMC Fall Gathering, October 13-15, 2017

The AMC is now accepting reservations to this great event! Adults and families are all welcome.

Enjoy the best of Fall this year at our host camp on Lake Ossipee with AMC members from all chapters. Share your love of the New Hampshire outdoors with guests from other regions. There will be hearty breakfasts served to prepare you for great outings in the White Mountain region, as well as bagged lunches and satisfying meals at the end of your outdoor day.

Bring your kayak or canoe and go for a dawn, dusk, or mid-day paddle from the shores of the camp.

Saturday night events will include a camp fire, an inspiring guest speaker, a band and a fabulous raffle (including top-end gear like a complete kayak package, tents, back packs, sleeping bags, down jackets and biking gear, and lots more!). You don’t want to miss this!

For reservations and all of the details: www.outdoors.org/fallgathering
20s and 30s Group Update
Our Weekends Away: A Reflection on

NICK MONTECALVO

They are unequivocally the best things we do in our little corner of the AMC.

The camping weekends we host as volunteer leaders, and attend as participants,

create lasting memories that are altogether unique and keep participants coming back. This is not the social experience you would find at a bar, nightclub or urban haunt; all of which can be intimidating and contrived.

Those types of social situations were what I worried about on my way to my first AMC Camping Weekend in August 2014.

What I found was the real catalyst to living a clean and healthy life. It’s not what we do, it’s how we do it, and it’s the people who volunteer, participate and experience these events that make all the difference.

The AMC New Hampshire and Maine Chapters offer young adults in the surrounding areas an experience that, at least six times a year, can open the door to much more than just a hike, a nice dinner by the fire and a weekend away. Our camping and hut weekends forge lifelong relationships and, for some, create and mold the leaders we always felt we could be.

This realization started for me at Barnes Field on a hot and dry, early August afternoon in the shadow of Mount Washington. Chris Higgins, who I knew only by email, was hosting the event, and I was very nervous. Having just moved back to New Hampshire from California, having just started a new job, having come back to find seemingly everyone else moving on with their lives, I was nervous and out of practice in the art of cultivating new acquaintances.

I was even new to the outdoors and just doing the “hiking thing” on my own, as a family member of mine put it. Like many new participants, I felt I wasn’t skilled enough to hike and fraternize with other members (who probably already knew each other, and had their own cliques and yada, yada, yada). The AMC Young Member’s proved me wrong: More than once in just one weekend.

Chris Higgins (NH Chapter), Denise Fredette (ME Chapter), Sarah Keats (ME Chapter), and Frank Brooks (ME Chapter) were the volunteer leaders who made that event go. Also, not shockingly now, I count them as the very best of friends. There is something about the AMC weekend up Mount Eisenhower, which he did not have to do. It would be just my third 4,000-Footer in New Hampshire. I was so green, I had no

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The Squam Camping Weekend boasted three different AMC-led hikes to Mt. Eisenhower and the Osceola’s on Saturday and Mrs. Welch and Dickey on Sunday—not to mention a paddle was also led that Sunday.

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www.outdoors.org/memcenter
‘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.

@amcnewhampshire’s Communications Committee Begins New Initiatives

BRETT BILLINGS

If New Hampshire Chapter members have noticed some new ways to stay in touch with AMC happenings in the region, then they have a new chapter communications committee to thank for the changes. New Chapter-wide Facebook and Instagram accounts are two outward signs of the tightening of messaging and outreach across the membership.

The temporary committee was the brainchild of Chapter Chair Bill Warren and Past Chapter Chair Wayne Goertel, who hope the committee can standardize and enhance the messaging from the NH Chapter. “We developed a list (which has since grown) with 36 possible places to communicate with our members. We were only using three to four,” Warren wrote of the process. In addition to the myriad avenues to connect membership, individual committees sometimes have their own social media pages, email groups or newsletters. Coordinating and presenting a consistent message across those platforms will be the thrust of the nearly 18-month-old committee.

Most of that time has been spent finding the right people to lead the initiative. Kathy Ellis and Chris Vaughn stepped into their new roles this past winter, following some informal talks with chapter leadership during the Winter School at Cardigan Lodge. Ellis is from the New Hampshire Lakes Region and is a Class 2 Excursions Leader for the chapter, while Vaughan has a background in sales and marketing and is from the Boston area.

Following the Annual Meeting in October, Warren plans to assist from the sidelines, “As Past Chair, I will be working with this committee to solidify its place and to develop a structure for its future. I have spoken at length with Frank [Miller], and when the apple is ripe, we want to make it a permanent committee.”

The goal of the communications committee is to standardize messaging from the New Hampshire Chapter, including managing email blasts, supporting standing committees, promoting membership recruitment and retention, assisting in Chapter publications and managing social media platforms.

Recently, the committee published an official AMC New Hampshire organization Facebook page. This channel will share chapter news, happenings, updates and information along with cross-promoting content from the larger Club and other chapters.

An AMC New Hampshire Instagram account was also created to increase member engagement through photo sharing. Members are encouraged to tag their photos with @amcnh or use the hashtags #amcnh or #amcnwhampshire on their social media posts.

“What we have been doing is a lot of observation before taking action,” Vaughn wrote of the committee. “The chapter is a very strong one...Our thought process is to complement the chapter, not to change it.”