



Kootenay Mountaineering Club

The Newsletter for people with year-round pursuits.

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Edited by Foxit PDF Editor
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Mosquito Cabin, Nancy Green Summit area

December 12th,
2010

The group had a great workout due to trail breaking in deep, heavy snow. 4 cabins were visited, the first was Mosquito, then Red Dog, Rock and Roll, Cookie Jar.

Highlights of the day were: meeting Les Carter, first trip of the year for most members, and the Yummy worms provided by Michelle.

The fabulous group were: Doug and Linda Clark, Ken Kirkland, Cindy Turner, Michelle Troughton, Liz and Dan Maluta, and co-ordinator, Carole Page

The Mighty Peak 2282

Due to unfavourable conditions, Sandra's scheduled Easter weekend Whitewater to Proctor trip became a Sunday April 4 day trip to Peak 2282 (2282m, GR006-279 NAD27, 82F/02), a couple km north of Snowytop, and less than 1 km north of the US border. On the day of the assault of said peak, Sandra fell ill, and I became the replacement coordinator.

Roland is away in Japan, so Fred ably filled the role of the one who politely notes the frightfully late meeting time of 6:30 am. Annie, as her reputation forecast, was generally cheerful. I, predictably, was grumpy and complaining about the earliness of the hour, the weather, the price of organic lima beans, and our system of government.

The three of us started skiing at 8:00; the ~25cm of dry freshies made things seem more winter-like than ... well a long time. We made our way quickly to the Ripple Ridge Cabin (amazingly, no one was overnighing at the cabin on the Easter weekend) and enjoyed an excellent 400 m descent to Monk Creek.

On went the skins and up we went through a cut block and thence to the broad east-west ridge that eventually becomes the north ridge of our mighty objective. In typical spring style, the weather quickly cycled between thin cloud and socked-in with moderate snow. No one had an answer to my question of why -7 C feels so much warmer in April than it does in January.

In improving weather, we trucked along the slightly up-and-down ridge to reach our summit a little before 1:00. In a testament to our virtuous lives, the clouds parted and we enjoyed lunch (and Annie's chocolate Easter eggs) in mostly sunny conditions amongst what seemed like 360 degrees of squall lines.

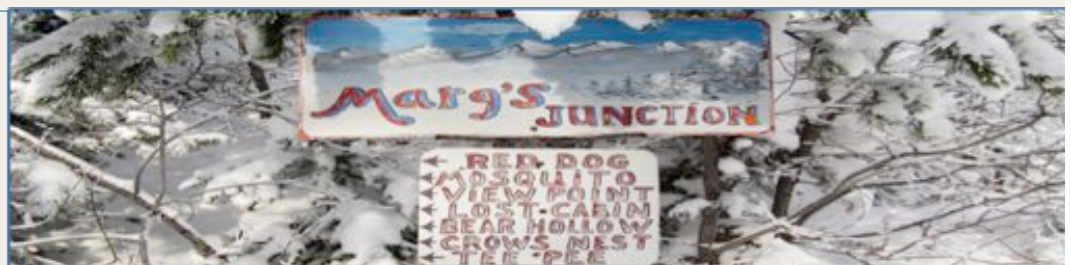
We returned down the north ridge enjoying some excellent snow and sun to the 1950m saddle. The skins came out again, and we climbed up the ridge to above the drainage at around 808-290. We enjoyed a wonderful descent (near 400m) down to Monk Creek through open mature timber and excellent snow.

The skins were called upon one final time for the grind up to the Baldy Rocks/Lightning Strike Pass, the wet sun-gloppy snow enhancing our training. The descent down the north side to the highway was in excellent shape, delivering us to Fred's truck a little before 5:00.

A most excellent day to a new summit for all three of us.

We were Annie Taiatini, Fred Thiessen, and me, Doug Brown.

New Sign on
Rossland
Range -
courtesy
Peter
Oostlander



Hiking Camp 2011



Camp 1 - July 23 to July 30

Camp 2 - July 30 to Aug 6

Camp 3 - Aug 6 to Aug 13

This year's hiking camp is located in Hume Creek which is in the Purcells west of the Bugaboos. It is accessed by the Duncan Lake Forest Service Road not far from the Westfall junction. Hopefully we will be able to find a staging area on the Duncan Lake road. There was a KMC camp there in 1984.

A back up site has also been chosen in case unforeseen circumstances like wildfires force a change in location.

The projected camp site, at 6700 ft, is by a small lake on a shoulder leading to a huge meadow that is dotted with lakes. Apparently these are great swimming holes. Spectacular peaks to the East include The Steeples, Tetragon and Crystalline (up to 9500 ft). To the South there is another large meadow with lakes and another accessible ridge. Google Earth coordinates are: 50deg 48' 14.97"N 117deg 05' 31.59" W

If you are interested in participating in hiking camp, please fill in the attached Registration Forms and read the Information Sheet. We encourage you to consider being a cook or leader, or to shadow a leader or cook to see if you might like to take it on in the future. Please check the cook or leader box on the registration form if you are interested in being a shadow cook or leader, or the real thing. We are trying to develop and train a bigger pool of people to help run future hiking camps.

Trips Report

Hiking CAMP 2 "The Fortunate"

Lessons and insights gained from a first-timers experience at hiking camp:

- * Camp 2 gets pampered, except for biffy duties

- * Wear a toque down to your eyes and a bandana up to your eyes to fend off the helicopter dust storm. However, you may look like a cross between a Saskatchewan ice fisher and a Texan cowpoke

- * Be sure your lunch comes up in the helicopter with you or it may arrive hours and hours later

- * For an extra thrill, sit next to the helicopter door that opens during the flight

- * Orient your tent in the same direction as the biffy in order to have the best view

- * An "easy" day means out at 9 am and back at 4 pm

- * "Follow the heather" is a good route-finding method

- * Master the sidehill crab walk

- * Experienced hikers discuss the merits of different hiking boots at the summit (and may even try each other's on)

- * Makeup application pads over the anklebones prevent boot chaffing; others use the mundane duct tape

- * Duct tape on the nose also prevents sunburning

- * Crunchy old socks soften up and become hikeable in 30 minutes

- * Two dozen cookies from each and every camper is a HELL of a lot of cookies, though I did my very best

- * Beware of Ron's alternate stay high "artic circle" route

- * While travelling on snow, stay away from rocks or you might sink WAY down

- * Boot skiing may easily become bum skiing

- * Use only your feet (not your hands) to brake during bum skiing

- * Invest in a bug hat and a bug jacket

- * Even so, mosquitoes really "go to town" on that exposed skin when using a solar shower

- * Import the high-test DEET from Australia

- * Camp would be enhanced by the addition of a masseuse

- * The new biffy just didn't "satisfy" like the older version (yes, that's what the experienced campers griped about)

- * PAM on a spatula aids pancake flipping

- * Knee high stockings have a great use in coffee brewing

- * Cooks who delegate stay happy

- * Serve the hordes coffee early or there will be mayhem

- * Stretch your limits, go for the challenge

- * A cairn must be huge to be seen from afar

- * If the helicopter doesn't arrive, creative (even bizarre) meals ensue

- * Wizard sports and helicopter-calling dances fill the day until the chopper arrives

- * A week at camp sends you back to childhood with all the wonder associated with first discovery

The diverse "strata" of a day hike from camp:

- Lakeshore camp

- Flat alpine garden

- Creek crossings

- Flower nomenclature

- Roller coaster ascent/descent

- Moderate heather climb

- Ptarmigan sightings

- Boulder hopping

- Snow traverse

- Glacier skirting

- Ridge walking

- Panoramic viewing

- Mica mining

- Shale scramble

- Second climb

- High panoramas

- Lake views

- Cairn building

- First descent

- Boot skiing

- Boulders/boulders and more

- Snow slipping

- Hillock downhill

- Whale's back ridge

- River rock jumping

- Meadow/camp

Wildlife inventory: ptarmigans, golden eagles, dippers, whiskey jacks, robins, hummingbirds, sheep, goats, porcupines, marmots, picas, ground squirrels, wolverine, moose, deer. The insects were abundant, as well.

Participants: Leon Arishenkoff, Julie Castonguay, Selena Davis, Mark Hatlen, Carl Jorgensen, Jim Kienholz, Chuck Macklon, Jocelyne Martin, Marilyn Miller, Judith Mitchell, Simon Mitchell, Linda Morrish, Helen Morrish, Ron Perrier (leader), Mary Prothro, Marlies Roeder, Ross Scott, Kal Singh, Zuzana Zach, Mary Collodel (cook)

Failure on Mount Jeldness

At just 1405 metres, Mount Jeldness should pose no difficulty for some of the KMC's most experienced peak baggers. After all, we had within our ranks people

who had summited Mount Heinze, Mount Dundee, and Tamarac and Baldy Mountains to name but a few. True, the day started inauspiciously with heavy rain pounding down and fresh snow above 800 metres, but we were fully equipped with all the accoutrements required for serious mountain expeditions.

Our plan of attack was to start off the Old Cascade Highway just west of Sheep Creek and follow some old roads to a hydro-tower on the southeast ridge at 860 metres. From the hydro-tower we planned a direct assault on the southeast ridge. Not quite a directissima, but certainly a bold line and one that proved to be well ahead of its time.

Initially, we were thwarted by a private property sign and, being dangerously close to Christina Lake, home of the mega-grow-op world, where the grow-ops are infested by dozens of hungry bears, we chose to take a short bushwhack (good game trail) through woods to the gas line right of way where we were able to ford the gushing torrent of Santa Rosa Creek (OK, maybe it was just a trickle). We followed the gas line a short distance (seems to be part of the trans-Canada trail) before bushwhacking uphill to meet up with the power-line roads. For some reason, we seemed to be traveling uphill on these roads to the west instead of to the east as our maps would indicate; nevertheless we managed to get to just over 800 metres on old roads.

Directly above us, a minor drainage looked to provide access to the southeast ridge and we actually had an excellent game trail to follow and we emerged onto the ridge at about 950 metres. This ridge, which looks simple enough on the map and Google Earth - which does it's usual excellent job of smoothing out all steep bluffs, cliff

bands and other impassable nasties so that everything appears to be a walk in the park - was full of steep bluffs and cliff bands which disappeared into the thick fog that was swirling around us.

Our BC Basemap indicated that a short traverse out onto the north side should enable us to surmount these bluffs, regain the ridge, and march triumphantly to the summit. Indeed, after thrashing through wet, slippery bush, we did surmount a minor bluff, and carried on gaining elevation to around 1000 metres where we bumped up against a continuous cliff band that wrapped around the mountain in both directions. We began a long and strenuous foray out onto the north side, but, no matter how hard we tried, we were repelled by the bluff. Dispirited, wet and hungry, we were forced to admit defeat. Undoubtedly, this is how Hilary and Tenzing felt when they approached the Hilary Step on Mount Everest. However, unlike these two famous mountaineers we were unable to overcome this obstacle.

In the interests of expediency and safety we dropped down well below the bluff, and thrashed our way back to a bluff on the ridge where we stopped for a wet and fairly dismal lunch. Some of us began planning our next assault on the mountain, possibly by the true south ridge and of necessity involving an advanced back camp and additional climbing equipment - possibly additional climbers.

A final thrash out on the north side brought us to our ascent drainage and game trail, and a final wet walk, complete with boot dunking in Santa Rosa Creek returned us to our vehicles.

Climbers: Sandra McGuinness, Peter Oostlander, Jen Kyler, Vicki Hart, Bert Ratcliffe, Ross Bates.

And Then There Were Five ... Mount Beattie Tour

November 28, 2010

Eleven people signed up for this tour, two people didn't show to the meeting location, so nine of us squeezed into two vehicles and drove to the touring parking lot up the Whitewater Road. Here we discovered that one person had, in the kerfuffle of sorting out car pools at the Hitching Post, left their poles behind. I offered to ski with one pole and gave my other pole away, and, three of us set off down the trail to regroup at the gate across the bridge. Here we waited for the other six in cold, cold temperatures. For a while, I was able to regale my two companions with stories of my first days in Canada before I realized that labels had both French and English on them, when I would go to the store and ask for "Deli Cinq", "Pamplemousse", "Old Fort Cheese," and, of course, "Mr Clean M. Net."

Fortunately, before my store of amusing anecdotes had completely run dry, Nancy appeared with the news that in addition to the forgotten poles, one person had left one skin behind at their house, and four people had returned to gather up all the forgotten, but necessary bits and bobs, and, they would likely follow along behind us, and, hopefully catch up.

Now, I know from the old timers that a 10% attrition rate on club trips is considered within normal limits, but I had barely left the parking lot and had lost fully 54.5% of the original number. If this disturbing trend were to continue, nobody would return to the vehicles at the end of the day

and that would never do, as I have an aging (and increasingly incontinent) dog to tend to.

So, we resolved to ski slowly to allow the "forgotten" members of our group to catch up.

The snowpack was too shallow for the usual short-cut through the cutblock, so we followed the cross-country trails up and took a beaten-in path around to the mine site. Here we set a NE course and slowly broke trail heading towards Mount Beattie. Some where just below the ridge between the centre and north summits, Neil arrived with the welcome news that all four lost skiers were here. We regrouped and gave the new comers a chance to catch their breath, and then continued on to a lunch spot near the north summit.

We had a very short ski down to a flat area, and then broke trail up to the centre and highest summit of Mount Beattie where we had a second lunch. Another short ski down to the up-track which we followed out. Reasonable early season conditions on low angle terrain, but any aggressive punching was liable to push you through the early season pack and onto some lurking hazard below. In the end, my attrition rate was still 18%, nearly double the recommended maximum, but not bad for an early season trip.

Participants: Doug Brown, Jarmilla Hradil, Neil Baker, Linda Johannson, Jen Kyler, Kenneth Roy, Nancy Selwood, P'nina Shames (showing strong on snowshoes), and coordinator responsible for losing people, Sandra McGuinness

The Testosterone Free Tours: White Queen

December 3, 2010

I got the idea for a woman's only ski touring series from Sue Port, who quite a few years ago, ran an all female trip to Mount Prestley and wrote the trip up for the Kootenay Karabiner (see volume 20, 1977). Perhaps I'm reading between the lines, but it seemed that back then, as sometimes happens even now, those with an x and a y chromosome can, through no fault of their own, take charge of all the details of a trip leaving the xx chromosomes in the role of follower. Thus, the Testosterone Free Tours were conceived - if I can carry the metaphor that far.

The first tour had five xx's along and, given the somewhat sketchy early season conditions, our choice of touring locations was somewhat limited. The best coverage and conditions were to be found at high elevations on shaded (east and north) slopes. Luckily, White Queen, at 2180 metres had a reasonable snowpack up high, and offers some really nice, generally safe skiing on east and north facing slopes.

We met up at the Hitching Post at 8 am and skied up to White Queen via the marsh and north ridge. This route involves a little more trail-breaking than the slack-country touring route up the south ridge from above the Silver King chair, but, as the years pass, I become less and less enamored of skiing around ski resorts and prefer the peace of the backcountry. We didn't quite tag the summit of White Queen as the upper east slopes were still sketchy looking. Instead we had two really nice runs down to the small tarn on the east side of White Queen. There was a single set of

two tracks only - Roland Perrin and Doug Brown had been up the day before, so we got lots of fresh snow without having to break an uptrack (thanks Doug and Roland).

After two runs, everyone was feeling good and tired so we skied down the north ridge - not quite filled in enough yet - and glided out using our up-track. A great day out with wonderful company.

Participants: Lily, Alison Roy, Jocelyne Martin, Leah Zoobkoff, and coordinator, Sandra McGuinness

Mt. Crowe

December 5th, 2010

Ski trip into View Cabin, on Crowe Mt., Dec. 5, 2010. The early snow conditions were starting to get a bit deeper, although there was still lots of ankle grabbing debris just below the surface. We had a sunny day, and cool temperatures, just about perfect for our early season ski into the View Cabin. Eleven of us met at the Nancy Greene Summit parking lot with all sorts of ski gear. The trip was advertised for cross country skis, but as often happens early season, everyone is still trying out gear. So we had fish scale waxless as well as waxable cross country skis, light touring skis, and even alpine touring skis with skins. Our route followed an old lower snowmobile route, mainly along old logging roads, and after a fire and lunch at the cabin returned on an upper route past the Mosquito Cabin. Ted informed me we travelled 12.73 km, and had an accumulated elevation gain of 507 m. Thanks Ted.

We were, and still are: Vicki Hart, Ted Ibrahim, Mike Brewster, Joan

Harvey, Jill Watson, Dave Watson (tail gunner), Ken Holmes, Liz and Terry Huxter, Eric Ackerman, and team whip Bob McQueen.

A Wet Winter Travel Review:

December 12, 2010

This years winter travel workshop coincided with the arrival of a Pineapple Express to the West Kootenays, and, although conditions were not as bad as I feared - I tend to believe nothing until I see it, so forecasts of the freezing level only rising to 1700 metres did nothing to allay my fears of an all out rain event - it was still a wet day out in the backcountry.

Our day was shorter than planned due to slow and wet travel conditions but we did make it up to the marshy area between White Queen and Mount Beattie, had a good look at current snow conditions and practiced the usual winter skills. By about 1.30 pm, I for one, was pretty soaked to the bone and happy to call it a day and ski out in supportive but slightly heavy powder. No actual rain fell, it was snow all day, but definitely,

challenging conditions to stay dry and comfortable in.

Participants: Jocelyne Martin, Chris Lalonde, Annie Taitaini, and Bryan Reid, Coordinator, Sandra McGuinness.

Turkey Burner 2010 Boxing Day on Mt. Plewman

Ten people signed up for the Boxing Day Turkey Burner trip to Mt Plewman. Eight showed up in the parking area and after waiting a reasonable time for the other two we decided to leave without them. We had a great first run in good snow and only lost contact with two people. Unfortunately one of them was Bert with his usual Cherry Brandy chocolates.

On the climb up for the second run the two latecomers arrived. They had forgotten ski poles and had then witnessed a car off the road near Castlegar, which they reported, and went looking for the

driver who ran away from them down a railway line. We accepted this excuse as too bizarre to have been just invented. We had another great run, once again without seeing Bert and Andrew who arrived back in the parking lot about 5 minutes after the main group.

We ate the Cherry Brandy chocolates whilst discussing what had happened. Radios carried by each buddy pair would have been a help and a lesson was learned. Nevertheless, it was a good day.

We were: Members- Ken Holmes, Bert Port, Thom Volpatti, Jeremy Marczak, Fred Thiessen. Non Members- Mike Kent, Stephanie Dean, Trevor Dinn, Andrew Port and Eric Clemson

Trip Coordinator : Ken Holmes

GPS For Dummies by a Dummy, Saturday, November 6, 2010

Being a self-confessed luddite, I was interested to read the latest GPS research coming out of Japan that showed that people using a GPS to navigate from one place to another were slower, traveled longer distances, made more stops and were less able to accurately report on their surroundings than individuals who used paper maps to reach the same goals¹. But even a skeptic like me can admit that deep in the woods or up on a glacier in the fog with no visible landmarks, a GPS can become an awfully handy device. In fact, I can recall a time or two when I might still be out in the woods wandering aim-fully (or aimlessly) if it weren't for a GPS.

The first ever KMC GPS workshop on November 6, 2010 was well attended by 11 KMC'ers who brought along either their own or a borrowed GPS. We started out with the basics, setting your GPS to match your map, taking a single waypoint and plotting it on the map, and then worked up to using "go to" to navigate between waypoints, entering waypoints and creating routes. We ran out of time to create any tracks, but tracks are big battery eaters anyway. No-one got lost and no GPS units were destroyed during the course.

Participants: Mary Collodel, Greg Osadchuk, Jocelyne Martin, Chuck Macklon, Alison Roy, Kenneth Roy, Bobbie Maras, Ed Beynon, Hazel Beynon, Bert Radcliffe, Michael McMann. Dummy: Sandra McGuinness

1 Isikawa, T., Fujiwara, H., Imai, O. & Okabe, A. (2008). Way-Finding With a GPS Based Mobile Navigation System: A Comparison With Maps And Direct Experience. Journal of Environmental Psychology, 28 (1), 74-82

Custom printed maps

Gear repair in the field

ACC members Orvel Miskiw and Alan Fortune recently ran an "in-the-field" gear repair workshop for the Calgary Section. Ever wonder what you should have in your repair kit? Or what you would do if your ski binding breaks 10km into your trip? Orvel and Alan have generously made their notes from the workshop available to NewsNet readers –

<http://www.alpineclubofcanada.ca/news/GearRepair.html>



Mt. Kelly trip on January 8th, 2011:
KMC Member Gene van Dyck approaching the summit of Mt. Kelly.

Track your adventure and stay connected

"ExpeNews is a communication platform that allows climbers, trekkers, sailors, explorers and outdoor enthusiasts to maintain a simple yet interactive website with information showing their progress and location in real-time. You just need a satellite phone or cell phone with coverage to send voice and text to your ExpeNews page."

<http://www.expenews.com/en/about>

Canadian Avalanche Association e-bulletins

The CAC has upgraded their avalanche bulletin email system. Some major changes for this year include: simple online self-registration, the ability to choose any combination of CAC bulletins and/or partner bulletins, daily email updates for most regions and more. All users must register, including previous users. To register, go to:

<http://www.avalanche.ca/cac/bulletins/subscribe>

Greg Hill Successfully Climbs & Skis 2 Million Vertical Feet In 2010

It started off as it should, I got to the parking lot first, dilly dallied around till a few girls got ahead. Passed them and then I broke trail for 2 thousand feet up onto the Bonney moraines. Although I was super driven I still had to make sure the skin track was decent to follow since I knew many friends and family would be following my track today. By the time I was at the top of the moraines I looked down and I could see lots of people heading up. So I skied down a quick lap and saw quite a few friends. We toured back up to the top..

I chose the Bonney area because it would be the only place that had absolutely no sun on this -18°C day.. No, I chose it because I knew that lots of people could hike the 3500 feet in and we could all enjoy untracked powder all day. I pulled in a couple of great laps, did some simple math at the top, $2\,000\,000 - 1998500 = 1500$ ft, skied down 1500 ft and then I hiked back up and met Tracey, my mom, Don, plus some great friends on the top just as my watch was ticking over.

I thought I was going to be fine and that this imaginary 2 mill line wasn't going to be so real. But watching it tick over, thinking about all the time and effort that has gone into that tiny number, and all the fantastic support that my friends and family have given me over this ordeal, it all summed up into me crying at the finish. So much was invested into this silly goal that finally achieving it was overpowering and having Tracey there to witness the final moment, with friends and champagne, it was incredible. It was such a cold day that we did not want to wait too long at the top so soon enough we all skied down. Was my 2 Millionth foot turn any better because of all the effort? Perhaps, but what felt even better was getting to the bottom of the run and putting my skins back on for another lap.... a carefree lap that was simply to do extra. My legs felt light, my pace free and the turns great of course. A great ten-thousand foot day to finish it off. Well kinda finish it off since, today is the 31st and I still have some time and energy to raise the bar a few steps further...

Excerpt taken from the blog entry from www.Greghill.ca.

Unusual climbing gyms

The Excalibur (in the Netherlands) is the tallest free-standing climbing wall in the world at 37 meters (121 feet). This monumental wall of a climb has a curve which gives the climber a challenge of an overhang in some parts while they ascend this gigantic structure.

Read more and see photos at:

<http://www.psfk.com/2010/10/excalibur-the-worlds-tallest-climbing-wall.html>

Words by Sandra McGuinness

tech Tips

Considering Considerable And Other Conundrums

Recently, some one said to me, "I don't know how they triggered an avalanche – after all, the avalanche hazard was only rated considerable." If, to paraphrase Elton John, sorry seems to be the hardest word¹, considerable seems to be the most misunderstood avalanche hazard rating.



Trevor Macphee and David Benfield, Grizzly Shoulder – Rogers Pass – K. Roy

We all know that most skier (or snowshoer) avalanche involvements and fatalities occur when the rated avalanche hazard is considerable. But why is that? Well, it's likely a combination of factors. Firstly, overt signs of poor stability/high avalanche hazard – such as natural avalanches, cracking and whumpfing – have generally subsided. Secondly, the buried weak layer(s) that are resulting in the considerable rating are now buried deeply enough that quick assessments of these weak layers – such as hand shear tests or jumping on small convexities as you pass by, are not reliable indicators of how tenuously the snowpack is balanced. Thirdly, these buried instabilities tend to be highly variable and their location difficult for recreational skiers to predict. Snowpits and standard stability tests (e.g. compression or shovel shear tests) generally do not provide definitive answers regarding the stability of the snowpack or the strength of the weak layer, and are highly dependent on spatial variability². Fourthly, it is possible to ski a long time without seeing any signs of instability in the snowpack and thus gain a false sense of confidence in the snowpack. And finally, but possibly, most importantly, the meaning of considerable avalanche hazard seems to be poorly understood.

Research³ indicates that recreational skiers view the avalanche danger scale as a linear scale, i.e. the difference between moderate and considerable is the same as the difference between considerable and high. Experts however, recognize that the danger scale is quadratic or exponential in nature, such that considerable is several orders of magnitude worse than moderate. If you look at the avalanche danger scale from this perspective, it puts a whole new spin on "considerable."

By definition, considerable avalanche hazard means natural avalanches possible, human triggered avalanches **likely**. Expressed in terms of snow stability, avalanches can be triggered by **light loads**⁴. In other words, if you get onto the right piece of terrain, with the right combination of weak layer and overlying load, the chances are good that you **will** trigger an avalanche.

1 Bernie Taupin & Elton John (1976), Sorry Seems To Be The Hardest Word.

2 Jamieson, B., Campbell, C. (2004). Spatial Variability of Rutschblock Scores in Avalanche Start Zones

3 Longland, Haider, Hageli, & Breadmore. Study Brief: Decision Making by Amateur Winter Recreationalists in Avalanche Terrain

4 A single skier or snowshoer is considered a light load.

To paraphrase Karl Klassen (CAA forecaster) there are three things you can work with when the snowpack is suspect, such as when the avalanche hazard is considerable. They are, in order of importance: (1) terrain, (2) terrain, and (3) terrain.

Exactly what type of terrain you should choose to avoid will depend on the exact nature of the buried weak layer, but some general guidelines are clear.

Avoid:

- Big slopes with big consequences (an avalanche which will carry you over a cliff, into trees, into gullies, through boulder slopes, onto a flat run-out, etc.).
- Small slopes with big consequences. See big consequences above.
- Large, steep (>30 degrees) open slopes.
- Steep (>30 degree slopes) with widely spaced trees (insufficient anchors). Some of the best glade skiing around the Nelson area, for example, regularly produces avalanches big enough to injure or bury a skier during periods of considerable avalanche hazard. As a rule of thumb, if you can ski through the trees comfortably, the terrain is capable of producing avalanches.
- Obvious avalanche paths - look for flag trees, trim lines, etc.
- Convexities where shear stress is concentrated.
- Large openings in the trees with slope angles steep enough to avalanche (30 degrees and up).
- Traveling or grouping up below big open slopes, avalanche slopes or in terrain traps. Remember to look up!

Choose instead terrain that is:

- Lower angled – 30 degrees or less.
- Well supported from below, i.e. no convexities.
- Well clear of terrain traps, large overhead slopes, avalanche paths and run-outs.
- Well anchored by live, mature timber.
- Offers multiple options for safe travel.

So, next time you see that the avalanche hazard rating for your area is considerable, give a little extra thought to your planned route before you leave home, and, when out in the mountains, pull back a little. Have an extra margin of safety in hand: keep group sizes small, practice safe travel techniques, such as exposing only one person at a time to hazardous terrain and choosing safe regroup locations, keep your options open and consider alternative routes.

Above all, ask yourself, "If I'm wrong and this slope releases – what are the likely consequences?"



A lucky skier escaping back up-slope after accidentally triggering a slab on the east side of White Queen Mountain.

Qua Peak

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January 2, 2011

As I sat staring at the Christmas tree over the holidays stuffing my face with my favorite peanut butter fudge sent to me by my family back home, I remembered about the Qua peak trip I had couldn't make last winter because of work. With sunny skies, moderate



S. McGuinness and J. Kyler – returning to Qua col

avi conditions, cold temperatures and with a high of -7C predicted for the following Sunday I thought it would be a great time to get out and tackle Qua peak.

A quick inquiry email to Sandra and Doug and low and behold, the wheels they were a turnin'. We managed to round up seven people for the trip but at the last minute one called in sick, and the other was tending to a sick dog at home. Sandra, Jenn and I met at the hitching post at

7:00AM for a very brisk start to the morning which I'm sure was close to -20C. Andrew and Sarah were the other two who showed up a few minutes behind in the upper Whitewater parking lot. To avoid getting too cold, we decided that it would be easiest to regroup near the top of blasters ridge. It was up there that we could start to soak in some of the morning sun.

Regrouped and ready to roll with the sun already over the peaks, we set off east along blasters ridge in the direction of our goal. After about twenty-five minutes the five of us stopped on the ridge just opposite prospectors bowl to rip off the skins and ski our first descent to Qua creek. It was about a 1700ft descent through a nicely gladed tree run on a south facing side.

With Qua creek within reaching distance, the skins were reapplied and for the next 1 hour and a bit Sandra, Jenn and Andrew led the charge. To avoid a steeper ascent into the true Qua peak basin we travelled further east to a "known" slide path. Out of the sun in the valley below, it felt like a chilly -15C.

We stopped briefly for a bite to eat just before ascending the slide path and at about 1900m we veered south to enter the Qua peak basin. We managed to reach the sun's rays as we came around the corner of the north trending Qua ridge. Feeling warmed up and still a bit hungry we stopped again at around 2200m before making the final approach to the col. Our plan was to reach the peak by noon and get home around 3PM.

at this point and watched from below. We removed the skis for the few remaining hundred feet to the col and ultimately to Qua peak. Lots of faceted snow and a

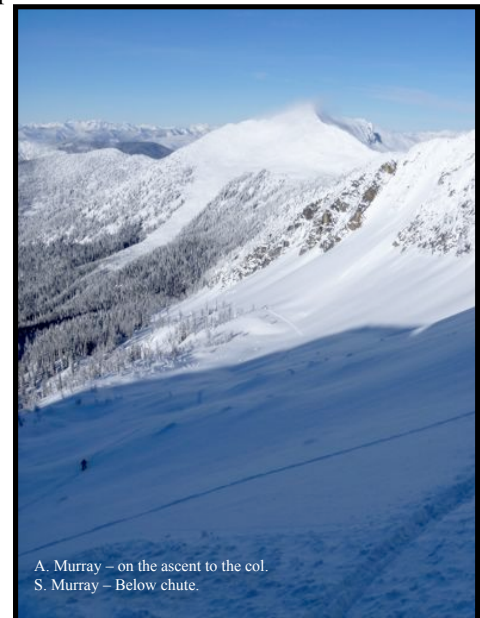
higher than normal snowpack at the col proved to be a bit challenge.



Qua Basin

Fortunately for us, Andrew's six-foot something stature was not far behind and came in handy as he punched his way up and over the cornice.

Andrew took the lead until the summit which was reached at about 12:40PM. Just shy of our goal of high noon. A couple of videos and pictures were snapped at the summit and off we went back down. We skied an awesome short run down to 2200m where we regrouped with Sarah before our return back home.



A. Murray – on the ascent to the col.
S. Murray – Below chute.

The sun felt great as we made our way back out of Qua creek. Instead of retracing our steps back to Blasters Ridge, we decided to head up to West Ymir col for a final ski down into Ymir bowl. We travelled west on the south facing slopes at an elevation of about 1800m until turning up towards the col. What a great way to start the new year! Great day, Great skiing – hopefully not the last!

Participants were: Sandra MacGuinness, Jennifer Kyler, Andrew and Sarah Murray, Kenneth Roy- trip motivator.

2011 KMC HIKING CAMP --- Two locations are under consideration.

Camp and Participation Information

The Kootenay Mountaineering Club (KMC) sponsors three hiking camps each summer. Two sites are under consideration: Hume Creek, 50 deg, 48' 15.50"N and 117deg, 05' 31.65"W or Alan Campbell Mountain, 51 deg, 41' 47.35" N and 117 deg, 00' 12.91" W. More information will follow as soon as the helicopter companies have been contacted and a reconnaissance of the helicopter site has been completed. All three camps are at the same site. The camp fee is \$450 per person.

Preparation and in-camp activities are a cooperative effort. Each camp has a volunteer leader who coordinates procedures, implements and follows KMC Hiking Camp policies, and facilitates an enjoyable hiking/camping experience. The hiking camps uphold the environmentally friendly policies of the KMC. Camp participants are chosen by lottery. Those chosen to attend one of the camps will be asked to attend a pre-camp coordination meeting where food and logistic decisions and assignments will be made. It is also an opportunity to meet the camp leader and the other camp participants.

The KMC facilitates transportation and the set up and operation of the camps. The KMC is not a guide service. While at camp participants choose their activities based upon their experience, skills, and the environment in which the camp is located. The camps are wilderness experiences with few conveniences not suited to the inexperienced hiker. It is strongly recommended that participants have some back country hiking experience, or, at a minimum, be a strong trail hiker. Campers must be at least 19 years of age on or before the first day of camp. All camp registrants must have an email address. All notifications and communications will be done by email only.

Camp Dates (These are tentative dates at this point)

Camp 1-July 23 to July 30 Camp 2-July 30 to Aug 6 Camp 3-Aug 6 to Aug 13

Detailed Location and Access Information

Location: Information to follow

Map Coordinates: Information to follow

Access: Information to follow

The Lottery and Priority

Only those who are members of the Kootenay Mountaineering Club as of January 31, 2011 and whose registration forms and fees are received on or before March 15 will be included in the lottery. When a camp roster is full, additional registrations will be placed on a waitlist in the order drawn in the lottery. When the lottery waitlist is exhausted, vacancies will be filled by KMC members whose registration forms and fees are received after March 15th. If camps are not filled by April 15th, completed registrations with fees from non KMC members will be considered for existing vacancies.

Registrants not selected for a camp this year will be assigned to the camp of their choice next year if they meet the requirements for camp participation and follow the registration instructions including the deadlines for the timely receipt of forms outlined in next year's hiking camp announcement.

To Register

Complete and sign the registration form. Mail the completed form and a cheque dated March 15 or earlier, payable to **KMC Hiking Camp** for the full fee(s) to:

Registration forms and fees must be received by March 15, 2009 for you to be included in the lottery. Cheques must be dated March 15 or earlier. The lottery will take place shortly after March 15. Notification regarding your camp status will be made soon after the lottery draw. You will be notified by email of your camp status.

Refund and Cancellation Policies

A \$50 administrative fee will be retained by the KMC from any refund. If a substitute camper can be found, a full refund less the administrative fee will be given. If a substitute camper cannot be found, and the camper withdraws between May 1 and June 1 inclusive, a 50% refund less the administrative fee will be given. If the camper withdraws after June 1 and a substitute camper cannot be found, no refund will be given.

Cancellation vacancies must be filled from the waitlist first. Once the waitlist and the list of post March 15 registrants are exhausted, the withdrawing camper is responsible for finding a suitable replacement before a refund will be issued.

Camp leaders have the absolute discretion to exclude any camper from camp participation if s/he judges that the camper is likely to cause harm to her/himself or to other campers. In this instance the excluded camper is not eligible for a refund. You are urged to consider the purchase of travel insurance.

Words of Advice

Be sure to read the camp information carefully. Be sure to complete the registration forms accurately and legibly. This will avoid delays which could disqualify you from the lottery. One more time: Completed registration forms and cheques dated March 15 or earlier must be received no later than March 15, 2011 for inclusion in the lottery.

Questions?

hikingkmc@live.com

Nelson

Ski Routes:

1. Mt Beattie - runs off W and NE aspects. ATES = simple.
2. Sherpa - S aspect runs. ATES = simple
3. Huckleberry Hut area/Cabin/Midday - touring, mostly E aspect runs. ATES = simple.
4. Grassy cabin and bowl - NE to S runs, touring to Grassy summit. ATES = simple.
5. Evening Ridge, runs off N and E aspects. ATES = simple to challenging depending on route.
6. White Queen - runs off N and E aspects. ATES = simple to challenging depending on route.
7. Upper Qua drainage - mostly S aspect runs. ATES = simple to complex depending on route.
8. E or W side of 5 Mile Creek. ATES = complex.
9. Kutetl Creek - E through N runs. ATES = complex.

Thinking about leading
a winter trip. Your
choice of tours
available in the area.

Snowshoe routes with minimal avalanche hazard:

1. Mount Beattie ATES = simple.
2. White Queen with careful route-finding ATES = simple.
3. Evening Ridge, avoiding Hummingbird Pass and ascending E slopes to pass ATES = simple.
4. Grassy Hut and summit ATES = simple.
5. Keystone Mountain, from Hooch Creek ATES = simple.
6. Erie Mountain from Benton Creek ATES = simple.

Rossland BC

Ski tours:

1. Mt Neptune - runs off S aspect ATES = simple.
2. Mt Lepsoe - runs off N, W, E aspects ATES = simple.
3. Mt Crowe - runs off ?? aspect ATES = simple to challenging.
4. Plewman Basin - runs off S, N, W aspects ATES = challenging.
5. Old Glory - touring, runs of E and N aspects ATES = challenging.
6. Mt Kirkup - runs off N, S aspects ATES = challenging.

Snowshoe routes with minimal avalanche hazard:

1. Trails on N and S side Strawberry Pass ATES = simple.
2. Mt Crowe ATES = simple.
3. Mt Lepsoe, follow summer trail ATES = simple.
4. Unnecessary Ridge, stay on ridge ATES = simple.

Kootenay Pass BC

Ski Routes:

1. Lightning Strike - N, E, S runs ATES = challenging.
2. Baldy Rocks - runs off all aspects ATES = challenging.
3. The Craggs - N, S and W runs ATES = challenging.
4. Cornice Ridge - runs off all aspects ATES = challenging.
5. Windy Ridge - N and S aspect runs ATES = challenging.
6. Wolf Peak - S runs and touring ATES = challenging.
7. Head of Summit Creek - N through E aspect runs ATES = challenging.

Snowshoe routes with minimal avalanche hazard:

1. Lightning Strike, staying on the ridge ATES = simple.
2. Cornice Ridge - with good route finding (not necessarily following the "set" up track) ATES = simple.
3. Baldy Rocks - staying on the ridge ATES = simple.

Minutes of the 42nd AGM of the Kootenay Mountaineering Club
Saturday, November 20, 2010

Annual general meeting and dinner held at the New Grand Hotel in Nelson. Meeting called to order by President Dave Grant at 8:20 pm with 47 people in attendance.

Many thanks to ACMG Mountain Guide, Shaun King for a great presentation and to P'nina Shames for organizing a terrific dinner. A special thanks to Peter, Bill and their supporting cast for a great rendition of "Who Let the Dogs Out"

The Secretary being absent, Jan Micklethwaite agreed to take the minutes.

Call for new business resulted in no additions to agenda.

Motion to approve the Minutes of the 2009 AGM: Mark Hatlen/Ken Kirkland. Carried

Motion to approve the agenda: Ken Kirkland/Sue Port. Carried

Dave Grant gave the **President's Report**. The Club has had a positive year. We have 1) increased membership by 6% (19 members), 2) developed rack cards to distribute as a recruitment tool to bring in new members, 3) started a Facebook page, showcasing the club and allowing members to post current backcountry conditions 4) set up an online registration program to simplify membership application 5) set up an incentive program for leaders and hope to extend it to the mountain school instructors this year 6) built a surplus in the Bonnington cabin fund, which we plan to use to upgrade some of the huts 7) recruited newer members to lead club trips at a level they are comfortable with. Overall it has been a great year. Many thanks to the hard working executive members and trip coordinators who made this happen.

Committee Reports:

Alison Roy gave the **Treasurer's Report**. The profit & loss statement and balance sheet were presented showing the club made a surplus of \$3,014.49 in 2010.

Motion to adopt the Treasurer's Report: Peter Jordan/Carol Potasnyk. Carried.

Alison then presented the 2011 **Budget** showing that the Club is now looking at taking money from the reserve fund (-\$2,375) to support this year's activities. Increases in insurance and FMCBC membership fees (\$1100) and the need for some computer and program upgrades (\$500), advertising costs (\$400) and fees for online registration (\$200) made up the bulk of the increases to our costs. It is expected that due to cost savings in actual expenditures, we will probably break even or show only a small depletion in the reserve fund at the end of 2011.

Motion to adopt the Budget: Doug Brown/Ted Ibrahim. Carried

Alison again stressed the need for members to switch to the online newsletter. For a single member who pays \$41, we are left with only \$18 after paying insurance and FMCBC membership dues. Presently printed newsletter costs are \$3.20/issue or \$19.20 for 6 newsletters. In other words, the club ends up subsidizing single members who are getting a printed version of the newsletter. The executive plans to look at ways to rectify this situation in the new year.

Peter Oostalnder gave the **Vice President's Report**. Peter has been working on raising the profile of the club. He has designed and had printed a recruitment rack card outlining who we are and what we do. That rack card is now in most outdoor stores in the Nelson, Castlegar, Rossland, Trail area. He has also designed a banner for use at public events (a world of adventure in our own back yard) and put together a group of

volunteers to be present at the Rossland Mountain film festival to answer any questions the public had about joining the Club. Peter also spearheaded a change to the summer schedule and our web page, which allows non members to try up to two hikes prior to joining the Club.

There was no **Secretary's Report** as Kay Medland was unable to attend the meeting.

Graham Jamin gave the **Cabins Report**. Thanks to work party volunteers. All the cabins are clean and well stocked with firewood. Only minor repairs were required this year. The cabins generated \$4443 in revenue this year, but all of these funds must only be used on cabin maintenance (Based on the Use agreement signed with the Ministry of Forests). The Ministry of Forests provided us with 2 fly-ins this year to assist the work parties. We will look at an upgrade to the Copper Mtn hut this summer, to provide better kitchen and dining facilities.

Doug Brown gave the **Climbing Camp** report : Held July 24 -31, at Houston Lake on the south side of Moby Dick in the Battle Range of the Selkirks. 6 people attended 4 of which were club members. The group had excellent weather and great climbing.

Kim Kratky gave the **Conservation Report**. Kim has focused energy on numerous local issues.

Jumbo Glacier Resort.

- In August a report by bear specialist Dr. Michael Proctor indicated that increased human activity in the Purcells could "fracture" grizzly bear populations. He added that the Jumbo Glacier resort would challenge our ability our ability to improve the balance of human use and wildlife habitat needs.
- On Nov 15, Kathryn Teneese, Ktunaxa Nation Council Chair announced the Qat'muk Declaration that seems to indicate that the Nation is opposed to any further development in the upper Jumbo drainage
- the Ktunaxa Nation Council proposed a refuge area in the upper Jumbo and a buffer area in the remainder of the Jumbo watershed.
- the Ktunaxa Nation Council is planning to prepare a management plan for these two areas.

Glacier Howser Power Project

- In the fall of 2010 , Axor announced that it had submitted additional findings to the EAO with the intention to continue the project.
- On Nov 12, 2010 MLA Michelle Mungall read and email from a Hydro employee which stated that "BC Hydro no longer has an Electricity purchase agreement with Axor for the Glacier Howser Project". It has since been reported that the company opted out of the contract because of penalty clauses that would have cost Axor \$200,000 per month if the project were not completed ontime. Axor is now saying that it will reapply for the project when BC Hydro calls for the next round of proposals.
- There is no further data regarding affects of the project on Blue listed Bull Trout.

Nature Conservancy of Canada management of Darkwoods lands

- On October 18, 2010 KMC representatives met with Pat Field a contractor for the NCC, to discuss climbers' access, logging, road de-activation, protection of caribou habitat, snowmobile activity and grandfathering of commercial back country ski operations.
- Pat stressed that buying the land and de-activating the roads accounts for 95% of protection, the remaining 5% is maintaining good relations with the public to ensure that they buy into the process.
- KMC received assurances of continued road access to Mt Hulme/Topaz Towers area and to Wood Mtn/Kootenay Mtn areas.

Rilor Adventures application for Mountain biking tenure

- there has been a proposal for commercial mountain biking on many local trails including Idaho lookout, Mt Alwyn, and Johnson's landing/Argenta. Local opposition is strong.

Canadian Avalanche Association

The KMC made a donation of \$500 to support the continued production of the Canadian Avalanche centre's avalanche bulletin.

There was no **Equipment and Trails Report** as Hanspeter Korn was unable to attend the meeting.

Nancy Selwood gave the **Hiking Camp Report**. 2010 was the 37th annual KMC Hiking camp. Location: Fred Lange ridge, in the Mica Creek Area, north of Revelstoke. Three week camp was fully subscribed and response from the participants was very positive on the location, especially with the new biffy tent purchased for this year's camp. Helicopter costs were more than estimated due to inaccuracies by the helicopter company. The billing and recording practices of RC Helicopter's Ltd. were challenged by the Hiking Camp executive and a reduced rate was eventually agreed upon. The cost of helicopter time was still more than \$3000 higher than any previous camp. The club will no longer use this helicopter provider for future camps. The camp committee is in the process of analyzing the helicopter expenses versus vehicle access due to the continued deterioration and deactivation of the forestry roads in the area. There were complaints about the roughness of the vehicle access this year. If we work off of mainline roads only this will increase the cost of helicopter time and this will have to be charged back to the participants. Please let the hiking camp executive know your stance on this issue, so they can determine how much farther camp can fly using the present fee of \$450. Many thanks to all those individuals that volunteered for the hiking camp executive. We had 9 volunteers for the 4 positions, which shows the high value that KMC members place on the camp.

Sandra McGuinness gave the **Library Report**. No new books. Have the latest copy of the Canadian alpine journal. There is slow but steady use, mostly of technical "how to" books.

KMC Library

- No new books this year (I think)
- Latest issue of CAJ
- Slow but steady use, mostly of technical "how to" books.

KMC Mountain School

Summary of programs this year:

- Total of eight different courses/workshops run this year. Number of KMC person days/course was 95. Not as high as McDonalds but I believe we offer a better quality product.
- Avalanche transceiver practice run in Nelson and Rossland. Attendance was 14 people in Nelson, not sure how many in Rossland as I did not run it.
- Winter leaders workshop this year was a morning session at Robson and a day out touring at Kootenay Pass. 14 people attended. At least three people went on to lead a trip that season.
- Winter navigation workshop ran over two days in Nelson. Six people attended - I had to curtail GPS use!
- Introduction to backcountry touring series was very popular and will likely run again this year. Involved one evening session and a series of four tours to different locations in the area. Fourteen people attended the evening session and between 3 and 9 attended each of the tours. My thanks to Graham Jamin and Linda Johansson who were tail-gunners.
- Trip planning workshop was attended by eight people.
- Glacier travel review was attended by nine people. There is a lot of material to cover in this one day session.
- Scrambling safety was a new course focused on some easy but essential skills for scramblers and hikers, including proper step kicking, ice axe use for self-belay and self-arrest, terrain assessment and use of handlines and belay ropes for short sections of non-technical terrain. Four people attended. I would like to increase attendance at this event as given the number of slips on snow we are still seeing there are obviously people who need some refresher on snow

climbing skills and general mountain travel skills.

Programmes planned for the upcoming winter season:

- GPS course slated to run 6 November 2010.
- Winter travel review is an expanded version of the popular avalanche transceiver practice to include route selection, terrain and snow assessment and group management skills. It will be a challenge to squeeze it all into one day, but we will try.
- Backcountry ski touring series will run again this year aimed at novice to intermediate ski tourers who are a bit nervous about signing up for a regular KMC tour. As usual, we'll try to hit a variety of different destinations. Experienced skiers willing to act as tail-gunners would be very welcome to attend

Linda Johansson was unable to attend but submitted the following **Membership Report**. Here are the 2010 membership numbers and the comparison with 2009:

- In 2009 we had 280 members in 206 memberships: 71 families (=145 members), 132 individuals and 3 non residents.
- In 2010 there were 299 members in 212 memberships: 82 families (=168 members), 124 individuals and 7 non-res.
- This is an increase of 19 members and 6 memberships.
- We have 61 new members with a loss of 42 existing members.
- We now have a web based enrollment and registration system thanks to the hard work of member Steve Langley. Please log onto our web page to register for the upcoming year. The mail in system is still available for those members who wish to use it.

Ken Roy gave the **Newsletter report**. He thanked all those that had sent in trip reports and encouraged people to send in more pictures with their reports. He will work on putting out 6 newsletters in 2011 and make several small revisions in the newsletter layout as requested by the members.

P'nina Shames gave the **Social Report**. The fall slide show on Oct 1 was attended by over 40 people and had 10 presenters. It featured beautiful pictures from local areas and around the world. Special thanks to the Oostlander family for their tremendous desserts and snacks. This year the AGM was held in Nelson. P'nina is planning on moving the AGM to Trail in 2011 and back to Castlegar in 2012 to encourage members to attend. This year we had registered mountain guide Shaun King speak at the AGM and we are hoping to organize some interesting guest speakers over the next year.

Vicki Hart gave the **Summer Trips Report**. The 2010 schedule had 58 day trips with:

- 1 backpacking trips
- 14 bike trips
- 4 Workshops
- 3 Hut maintenance

This compares well with the 2009 KMC hiking schedule had 48 day trips. Many thanks to the new members that stepped up and lead trips this fall.

There was no **Website Report** as Norm Truant was unable to attend. Sandra McGuinness discussed her setting up of a Facebook page for club members. We presently have 36 members signed up and people are posting some great pictures and condition reports.

Dave Watson gave the **Winter Trips Report**. Last winter we had 33 trips with 17 different leaders. This compares with 38 trips with 16 leaders from the year before. The leader appreciation dinner was attended 15 individuals made up of trip leaders and members of the executive. The 2011 Kokanee ski week has been filled. Only 12 regular members and one associate entered the lottery, 3 members dropped out so the associate was added and a further invitation to members filled out the vacancies. For winter 2011 there have been 3

Kokanee trips advertised and 1 individual trip, which probably accounts for the low number of KMC lottery entrants.

Elections

Nine executive positions were up for election and were filled by acclamation:

Director, Membership	Sherolyn Haakstad
Secretary	Marilyn Nelson
Director, Summer trips	Peter Oostalnder
Director, Treasurer	Kate Woodhouse
Director, Website	Sandra McGuinness
Director, Winter Trips	Ed Beynon
Director, Climbing Camp	Vacant

Thank you to all the outgoing directors: Linda Johannson at Membership, Kay Medland as Secretary, Vicki Hart as Summer trips, Alison Roy as Treasurer, Norm Truant as Website, Dave Watson as Winter Trips and Doug Brown as Climbing camp director.

Motion of adjournment at 9:45 p.m. Al Sheppard/Bert Port

KMC Discounts

(Don't forget to tell them you're a KMC member at these participating businesses)

R.O.A.M. - 639 Baker Street
Nelson, BC V1L 4J3
(250) 354-2056

Valhalla Pure - 626 Baker Street
Nelson, BC V1L 4J4
(250) 354-1006

Snowpack - 333 Baker Street
Nelson, BC V1L 4H6
(250) 352-6411

Powder Hound - 2040 Columbia
Rossland, BC V0G 1Y0
(250) 362-5311

KMC Proposed Budget - Year Ending September 30, 2011

REVENUE	2011 Budget	2010 Actual	2010 Budget
Membership Dues	\$ 9,700.00	9,694.11	\$ 9,700.00
Climbing Camp Income	4,800.00	512.00	4,800.00
Mountaineering School Income	-		-
Ski Camp Income	11,000.00	10,800.72	11,700.00
Donations Income	100.00		100.00
Interest Income	200.00	37.26	350.00
Other Revenue	100.00	90.00	100.00
Transfer from Reserve	2,375.00		
Huts (paypal) Income	4,000.00	4,000.00	3,500.00
Total	<u>\$ 32,275.00</u>	<u>\$ 25,134.09</u>	<u>\$ 30,250.00</u>
EXPENSES			
Newsletter Expenses	\$ 2,000.00	1,491.86	\$ 2,000.00
Climbing Camp Expenses	4,800.00	512.00	4,800.00
Mountaineering School Expenses	500.00	250.07	500.00
Ski Camp Expenses	11,000.00	10,900.72	11,700.00
Conservation Committee	500.00	500.00	300.00
Huts Expenses	4,000.00	984.89	3,500.00
Equipment & Trails Expenses	250.00		250.00
Library Expenses	200.00	68.39	200.00
Social Expenses	500.00	208.84	500.00
Federation of Mt. Club Fees	3,300.00	3,202.50	2,600.00
Federation of Mt. Club Insurance	2,200.00	2,114.00	1,800.00
Administration Expenses	500.00	409.38	500.00
Bank Charges	25.00	4.14	25.00
Registrar of Companies	50.00		50.00
Supplies & Equipment	-		
Website Expenses	150.00	101.91	50.00
Miscellaneous Expenses	200.00		200.00
Climbing Passes (Prepurchased)	0.00		0.00
Incentive Program	1,000.00	525.40	1,000.00
Membership	200.00	845.50	
Advertising	400.00		
Computer & Program Upgrades	500.00		
Total	<u>\$ 32,275.00</u>	<u>22,119.60</u>	<u>\$ 28,975.00</u>
Net Income (Loss)	<u>\$ -</u>	<u>\$ 3,014.49</u>	<u>\$ 1,275.00</u>

Actual

Profit & Loss Pr
October 2009 through September 2010

	Oct '09 - Sep 10
Income	
4010 · Membership Dues (Membership Dues)	9,694.11
4020 · Climbing Camp Income (Climbing Camp Income)	512.00
4040 · Ski Camp Income (Ski Camp Income)	10,800.72
4080 · Interest Income (Interest Income)	37.26
4100 · Other Revenue (Other Revenue)	90.00
4110 · Huts (paypal) Income	4,000.00
Total Income	25,134.09
Expense	
5010 · Newsletter Expenses (Newsletter Expenses)	1,491.86
5020 · Climbing Camp Expenses (Climbing Camp Expenses)	512.00
5030 · Mountaineering School Expenses (Mountaineering School Expense)	250.07
5040 · Ski Camp Expenses (Ski Camp Expenses)	10,900.72
5050 · Conservation Committee (Conservation Committee)	500.00
5080 · Huts Expenses (Huts & Trails Expenses)	984.89
5090 · Library Expenses (Library Expenses)	68.39
5100 · Social Expenses (Social Expenses)	208.84
5105 · Incentive Program Expenses	525.40
5110 · Federation of Mt. Clubs Fees (Federation of Mt. Clubs Fees)	3,202.50
5120 · Fed of Mt Clubs-Insurance (Fed of Mt Clubs-Insurance)	2,114.00
5200 · Administration Expenses (Administration Expenses)	409.38
5220 · Bank Charges (Bank Charges)	4.14
5230 · Registrar of Companies (Registrar of Companies)	0.00
5250 · Website Expenses (Website Expenses)	101.91
5260 · Climbing Passes (Climbing Passes Preurchased)	0.00
5270 · Membership Expenses	845.50
Total Expense	22,119.60
Net Income	3,014.49

Balance Sheet P
As of September 30, 2010

	Sep 30, 10	Sep 30, 09
ASSETS		
Current Assets		
Other Current Assets		
1060 · Bank of Montreal Chequing (Bank of Montreal Chequing)	15,572.43	12,705.31
1100 · Bank of Montreal GIC (Bank of Montreal GIC)	5,260.81	5,265.55
1140 · Bank of Montreal Term Dep	5,093.31	5,000.00
1240 · Interest Receivable (Interest Receivable)	0.00	53.20
Total Other Current Assets	<u>25,926.55</u>	<u>23,024.06</u>
Total Current Assets	<u>25,926.55</u>	<u>23,024.06</u>
TOTAL ASSETS	<u><u>25,926.55</u></u>	<u><u>23,024.06</u></u>
LIABILITIES & EQUITY		
Equity		
3010 · General Equity (General Equity)	7,244.73	10,259.84
3020 · Reserve - Hiking Camp (Reserve - Hiking Camp)	2,417.12	2,417.12
3030 · Reserve - Climbing Camp (Reserve - Climbing Camp)	171.70	283.70
3040 · Reserve - Huts (Reserve - Huts)	7,593.43	4,578.32
3050 · Reserve - Environmental (Reserve - Environmental)	240.00	240.00
3900 · Retained Earnings	5,245.08	1,490.97
Net Income	3,014.49	3,754.11
Total Equity	<u>25,926.55</u>	<u>23,024.06</u>
TOTAL LIABILITIES & EQUITY	<u><u>25,926.55</u></u>	<u><u>23,024.06</u></u>

Important Club Information

Membership Annual Dues:

Single (19 yrs and older) \$41

Family (including child under 19) 2 people \$52; 3 people \$58; add \$6 for each additional person

Junior (age under 19) \$31

Send complete membership/waiver form to KMC Membership:

S16a, C53, RR1,

Winlaw, BC

V0G 2J0

To receive membership information by e-mail or to give us your address/e-mail/phone changes please contact: membership@kootenaymountaineering.bc.ca

Want to Include something in the email update?

**members-
owner@kootenaymountaineering.bc.ca**

Sending an email to KMC members?

members@kootenaymountaineering.bc.ca

Want to get a hold of the KMC President?

president@kootenaymountaineering.bc.ca

Newsletter

5293

newsletter@kootenaymountaineering.bc.ca

Newsletter Editorial Policy: We encourage all submissions of writings, cartoons, drawings, book & website reviews and trip reports. Suitability for publication is at editors' discretion. Articles and advertisements may be edited for clarity and length. Advertising must be thought to be of interest to members in regard to the outdoors, especially locally. Will use discretion for commercial endeavors.



Kootenay Mountaineering Club

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2010 -2011 Executives

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