



CLOUDBURST

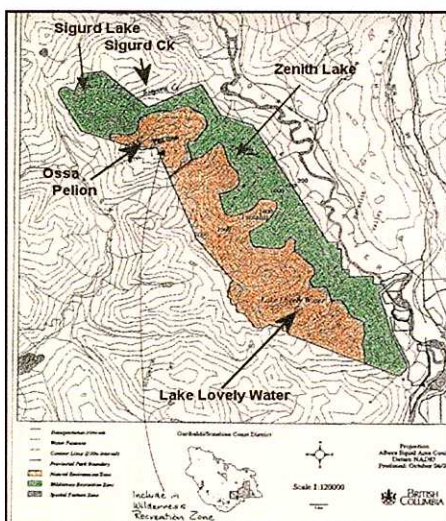
The Newsletter of the Federation of Mountain Clubs of B.C.
Published Spring and Fall

November 2001 Vol. 19 0 No. 2
March 2002 Vol. 20 – No. 1

www.SaveTheGoat.ca Page 5.

New South Chilcotin Park up for Grabs Page 12.

BC's Outdoor Recreation Infrastructure being dismantled
Page 3.



Update on new Tantalus Provincial Park

The open houses were held at the end of November in North Vancouver and Squamish. About 50 people attended the North Vancouver open housePage 13.

AGM INFORMATION AND REGISTRATION FORM
COMMITTEES

Page 21.

Page 4.

Recreation and Conservation

Page 4.

Trails

Page 15.

Ed and Safety

Page 16.

Research

Page 18.

CWMS CORNER (CANADA WEST MOUNTAIN SCHOOL) Page 23.

WILDERNESS EDUCATION PROGRAMME (WEP)

Page 25.

GENERAL NOTICES

Page 27.

Funding

Page 27.

Welcome

Page 28.

In Passing

Page 28.

Meeting Dates

Page 30.

Announcements

Page 31.

Miscellaneous

Page 31.

Corner Pub

Page 31..

WRITING

Page 31.

CLUBS

Page 39.

CLOUDBURST

Articles: We welcome articles which inform our readers about mountain access, recreation, and conservation issues or activities in B.C.

Word Limit: 500 words

Advertising: The FMCBC invites advertising or classified advertising that would be useful to our members. Please contact the Editor or Fed office for a rate sheet.

Editor: Pat Harrison

Design and Layout: Pat Harrison

Address:

47 West Broadway, Vancouver, BC, V5Y 1P1

Tel: 604 878 7007, Fax: 604 876 7047

Toll Free: 888 892 2266

Email: fmcbc@mountainclubs.bc.ca

Visit our website at:

www.mountainclubs.bc.ca

Deadline for submissions for next Cloudburst:

1 October 2002

*Printed and published three times per year. This issue
published by DCM Services, Vancouver, BC. Canadian
Mail Sales Agreement # 102202*

MEMBERSHIP

The Federation of Mountain Clubs of British Columbia (FMCBC) is a non-profit organization representing the interests of non-mechanized hikers and climbers, and outdoor clubs throughout British Columbia. The FMCBC 1) addresses mountain access, recreation, and conservation issues; 2) promotes outdoor education and safety through courses of instruction and Cloudburst articles; and 3) builds and maintains hiking trails throughout B.C. by its member clubs. **Membership** in the FMCBC is open to any individual or group interested in non-mechanized outdoor activities, and access, recreational, and conservation concerns. Those interested in joining the FMCBC have two options:

Club Membership:

Please contact the FMCBC office to receive a list of clubs that belong to the FMCBC (See back cover). Membership is \$12 per annum per person when a member of a FMCBC Club.

Individual Membership:

Call the FMCBC office at 604 878 7007.

Membership for individuals is \$15 per year.

The FMCBC accepts VISA and MasterCard for payment.

You may also send \$15 along with your name and address to the FMCBC at the above address.

Board of Directors and Committees

President

Lesley Bohm (NSH)

Vice President

Mike Peel, (BCMC)

Treasurer

Ken Legg, (ACC-Van)

Secretary,

Shane Koscielniak, (KOK)

Director

David Westcott (COC)

Director

Peter Woodsworth, (ACC, BCMC, NSH)

Director

Chuck Dick, (Independent)

Director

Peter Rothermel, (ACC-VI)

Director

Ken Rodonets, (CDMC)

Director

Roy Howard, (FHA)

Director

Manrico Scremin (ACC-Van)

Regional Director

Shane Koscielniak, (KOK)

Regional Director

Richard Keltie, (ACC-VI, OCV)

Regional Director

Dave King, (CR)

Recreation and Conservation Committee

Roger Freeman, (Independent)
Brian Woods, (BCMC)

Trails Committee

Alex Wallace, (Independent)
Pat Harrison, (VOA)

Education and Safety Committee

Peter Woodsworth, (ACC, BCMC, NSH)

CWMS Committee

Ken Legg (ACC-Van), Chair
Manrico Scremin (ACC-Van)
Peter Woodsworth (NSH, ACC, BCMC)
Lesley Bohm (NSH)
Brian Jones (CWMS MGR)
Pat Harrison (ED, VOA)

STAFF

Pat Harrison, Executive Director
Brian Jones, Manager of CWMS
Louise Wheeler, Office

EXECUTIVE DIRECTOR'S EDITORIAL

THE DISMANTLING OF BC'S OUTDOOR RECREATIONAL INFRASTRUCTURE

By Pat Harrison

I have sat through many frustrating meetings as a member of the Federation of Mountain Clubs of BC, but few as frustrating as the one at Richmond Inn on Thursday, 28 March 2002. The meeting was organized by the MOF (Ministry of Forests) and LWBC (Land and Water BC, formally BCAL [BC Assets and Land Corporation]). I am not frustrated at the messengers, but at the message they carried: The government is going to dismantle the Outdoor Recreation Infrastructure of BC and sell it off to the highest bidder. As one member of the BC Wildlife Federation mentioned "It's all about money". The only mandate of MOF after the 'Core Review Process' (which did not involve the public) is production of fibre.

I am outraged that this government believes that public crown land is a private reserve for the wealthy. Let's remember, this is our land, and we should be stating (dictating) what the core functions on our land are. No longer is Outdoor Recreation considered a core function of MOF. The entire Outdoor Recreation operation for the province costs the taxpayers between 5-7 million dollars per year including salaries; one of the lowest in Canada.

So here are the specifics:

- MOF has a reduced budget of \$188 million per year (\$538 down to \$350 million).
- This translates into a loss of 1,433 MOF employees (4,061 down to 2,628).
- Forest Service Roads (FSRs) are no longer considered a core function.
- It costs 10-20 million to maintain the 45,000 kilometres of FSRs.

Here are options for the 45,000 kilometres of FSRs:

1. 35,000 km to be maintained by industry. These are classified as Industrial Roads (reminiscent of the 1960's).
2. 1,300 km to be maintained by MOF as Community Roads (if a First Nation's Reserve, post office, or school are serviced).

3. The remainder will be left to decay. MOF will check annually (with what employees?) the remaining 8,000 km of road to see if they are safe. These will be classified as Wilderness Use Roads (do wildernesses have roads in them?). MOF will not brush or grade these roads, but will determine if they are needed for environmental protection (forest fires fighting). MOF now expects these roads to be used primarily by people owning 4X4s. That's 8,000 km of road not available to people who can not afford these types of vehicles or choose not to own these types of vehicles. If MOF determines that it is cheaper to pull a culvert than replace it on WURs, then the WURs will be deactivated.

Questions arising from participants at the meeting were:

1. As government is currently in the process of making government not liable on crown land, who is liable if someone is injured on Crown Land because of poor road conditions?
2. What staff are left to check WURs each year?
3. Who will be doing enforcement of any kind?
4. Who will be reporting environmental degradation? MWLP? Probably not as they have so few biologists left.

MOF did state that if a user pay mechanism were put into place, they would be willing to buy back services and maintain liability. Huh? MOF also stated that all recreation sites and trails will be transferred to private organizations utilizing the services of LWBC (Land and Water BC). In other words, privatization of our public lands to the highest bidder. One must remember that LWBC is mandated to increase its revenue through sales and leases by 75% this year! While MOF states none of the roads will be private, nor access denied, nor roads gated, the highest bidder will get control and can charge a fee for access. Now there is a plan for complete inequity from region to region, valley to valley, trail to trail. This process will ensure total fragmentation of our Outdoor Recreation Infrastructure.

So, when is this going to take place? Now! Here are the timelines:

1. March 2002: analysis of potential for land transfer.
2. April 2002: LWBC to help implement transfer.
3. May 2002: Public notification (absolutely no public input).
4. June 2002: expression of interest in taking on road, trail, and recreational sites.

5. March 2004: All recreational roads, sites, and trails to be transferred.

All for the savings of 5-7 million dollars per year for recreational sites and trails! After forty years of hard work by many, many organizations to have access to our lands, all of hard work is to go down the toilet in the next few months. I believe this government must have looked at the New Zealand model of privatization: "Do it hard and do it fast before Jo and Joanna Q. Public has a clue what's going on." By the time Mr. and Ms. Public go to their favourite recreational site, trail, or road, it will be too late. Their favourite site will have either been privatized or closed (if not vendor is found).

Another problem that arose was that of risk of assessment. All roads, sites, and trails will have a risk assessment completed by June 2002. If bridges or other structures are deemed unsafe, then the trails will be declassified as trails. That means that any type of activity can now occur on a trail that was previously classified as non-motorized or wilderness. All risk assessment will be done in house with no public input. How many trails do you know in the backcountry that are free of snow before June 2002? How will the government have a clue what shape the trails or their structures are in? By June 2002, removal of MOF signs will commence. At this moment of writing, MOF officials were unable to give us the criteria for risk assessment.

For organizations having agreements with MOF, those agreements are null and void as of 1 April 2002. BC Hydro, BC Federation of Snowmobiles, the 4X4 Association of BC, and the Federation of Mountain Clubs of BC no longer have any agreements with MOF. When asked by Gerry Buldoc of the 4X4 Association of BC and Pat Harrison of the Federation of Mountain Clubs of BC how volunteer work would fit into the transfer, they did not have an answer. They seemed unaware of all the volunteer work worth millions of dollars even existing. Is the government willing to give up this valuable service to the public by privatizing the backcountry?

MOF will continue to set recreational standards (even though they no longer have any recreationalists on staff) and will be responsible for "visual recreation that needs management". What the heck does that mean?

Land and Water BC were present at the meeting "to assist" in the transfer. Let's not forget their mandate as a company (with Stan Hagen the lone stockholder): to increase economic development. LWBC has no recreational mandate and as such will not participate in Out-

door Recreation activities. Their sole involvement is getting people a commercial tenure on our public land. This means the more favourite sites will be up for grabs by the organizations with the deepest pockets. That ought to cause an all out war among user groups! As LWBC spokesperson stated "We only charge a nominal fee for tenures: as little as \$500. We really don't make any money off of this process." Let's do the math: 650 hiking trails times \$500 equals?, well, you know, nothing we or any other non-profit organization can afford. Furthermore, all commercial tenure groups will have to pay for liability insurance, as the government can no longer be held accountable. LWBC says after all "It's all about performance-based government". I'm suggesting that we give government "performance-based writing". Before going to bed tonight, I am calling on all 4,000 members of the Federation of Mountain Clubs of BC, and CEO's and owners of outdoor recreational stores to say to government "No Way!" We don't want our Outdoor Recreation Infrastructure fragmented. We want government to operate it.

We made enough fuss at the meeting last Thursday that government will continue to fund some of the recreational sites this summer. When the senior citizens raised a fuss over losing their bus privileges, the government recanted. Please write today, not tomorrow. Tell Premier Campbell and Stan Hagen to lay off the Outdoor Recreational Infrastructure. We can make a difference. Tell non-FMCBC people to write: naturalists, snowmobilers, mountain bikers, ATVers, horseriders, hunters, fishers, and others to write. We all have a stake in this. And don't forget the health benefits from outdoor recreation that save the government money.

RECREATION AND CONSERVATION COMMITTEE

A: VANCOUVER ISLAND ISSUES

**PRESS RELEASE:
MT. ARROWSMITH SIGNAGE
BY Peter Rothermal, Director**

Regional District of Nanaimo (RDN) Signs Trail Access Agreements with Timber Companies for Public Access

of the Historic CPR "Arrowsmith Trail".

The public can now officially access the historic CPR Arrowsmith Trail thanks to two separate land use agreements between the Regional District of Nanaimo (RDN) and TimberWest and Weyerhaeuser.

This historic trail originally constructed by the CPR in 1912 for use of their guests at the Cameron Lake Chalet has been a popular route for backcountry hikers for decades. With the two land use agreements between the timber companies and the RDN, the public can now officially access the trail with the responsibility of the management of the trail corridor under the jurisdiction of the RDN Recreation and Parks Department.

TimberWest which owns the land over which the lower portion of the trail corridor is located recently signed a five-year land use agreement with the Regional District, and in addition is contributing \$8,000 to put toward the construction of a permanent bridge over McBey Creek. Weyerhaeuser owns the middle portion of the trail corridor and they too have entered into a five-year agreement. The upper portions of the trail are located in the existing Regional Park operated by the Alberni-Clayoquot Regional District.

Chair of the RDN Board stated that "With the signing of these landmark agreements, the Regional District has secured public access to this historical route while ensuring the rights of the property owners are maintained. The Regional District is quite pleased with the willingness of both TimberWest and Weyerhaeuser to assist us in attaining the management of this valuable backcountry recreation opportunity for the residents and visitors to the mid-island area." With the land use agreements signed, staff at the RDN will focus their energies on the completion of the McBey Creek Bridge and working with the Ministry of Forests in the formalization of Regional Park or Provincial Wilderness Area Status for the Mount Arrowsmith Massif.

Peter Rothermel, Director for The Federation of Mountain Clubs of BC, member of the Arrowsmith Massif Advisory Committee and Alpine Club of Canada made the following statement::

"Mount Arrowsmith is arguably the most popular mountain on Vancouver Island and it's original access, the Old Arrowsmith Trail, may well be the oldest intact trail on the Island."

Hikers, climbers and naturalists applaud the efforts by

the Regional District of Nanaimo to preserve this area and their success in working out a lease agreement with the timber companies owning portions of the land the Old Arrowsmith Trail runs through. The farsightedness of the Regional District of Nanaimo in their trails and recreational aims should stand as an example for other Regional Districts to emulate.

B: NORTH CENTRAL ISSUES

GOAT RIVER -BACKGROUNDER

By Roy Howard

In October, 2001, the Silva Forest Foundation released a comprehensive report on the Fraser Headwaters region, *The Fraser Headwaters Conservation Plan*, which proposes full protection of the upper Goat watershed as an essential part of a biodiversity connectivity corridor between Bowron Lake and Kakwa Provincial Parks. CD copies of the report can be obtained from the Fraser Headwaters Alliance contact listed below (select items and maps can be emailed).

In a listing of BC's most endangered rivers of 2000, the Outdoor Recreation Council stated, "Proposals for extensive logging in key headwater areas [of the Fraser River] is also cause for concern. The Goat drainage provides one of the few corridors for animal movement through the Cariboo Mountains into the Fraser River drainage."

The Goat watershed was first nominated for protection over a decade ago. More recently, it was recommended for protection by nearly half of the sectors participating in the Robson Valley Land and Resource Management Planning process (LRMP). Consensus was never achieved with regard to industrial development in the upper Goat. However, in 1999, the NDP Cabinet bowed to industry pressure and announced that the upper Goat would be developed for logging.

A partial list of wildlife using the upper Goat watershed includes grizzly and black bears, wolves, wolverines, fishers, endangered mountain caribou moose, mountain goats, and harlequin ducks. In addition to spawning Chinook salmon, bull trout and even the occasional endangered white sturgeon also inhabit the threatened river.

The partially protected lower Goat contains several clearcuts, as well as stands of magnificent ancient cedar forest, while the pristine but completely unprotected upper Goat has old growth spruce and subalpine fir forest.

TRAIL

The Goat River Trail was first cut in 1886 by a crew answering to John Bowron, Gold Commissioner of the Cariboo, and was very likely a First Nations route prior to that. Between 1886 and 1913, the trail was well used by miners and packers to transport supplies between McBride and the Cariboo goldfields. Once the railroad was completed in 1914, the trail saw less frequent use, although miners were prospecting significant claims in the valley as late as the 1930s.

The Archaeology Branch of the BC government has stated that the Goat River Trail is "the only heritage trail of any kind that we are presently aware of in the Robson Valley Forest District", and recommended to the district manager that he "give some consideration for recognizing its heritage value."

The LRMP reached consensus on the trail with wording that, "Development plans must manage for the historic Goat River trail."

In 1998, the Fraser Headwaters Alliance assumed responsibility for the trail and has completely restored the portion that had not yet had logging occur over it: 33 kilometers of trail, from the confluence of the Goat and Milk Rivers all the way to Bowron Lake Provincial Park. This involved locating the route of the original trail, blazing it with permanent metal markers, and clearing away decades of accumulated deadfall and undergrowth. A cable car was installed where the trail crosses the Goat River, although a number of other streams must still be forded.

New trail has now been added to create a 95 kilometre continuous path between Bowron Lake and Crescent Spur on the upper Fraser. The Goat River Trail has since been adopted by the Federation of Mountain Clubs of British Columbia and the National Trail Association of Canada as an integral link in the Sentier National Trail (not to be confused with the TransCanada Trail) that will eventually serve pedestrian traffic from the East Coast of Canada through to Bella Coola and down the length of Vancouver Island. Other BC sections of the Sentier National Trail include the Alexander Mackenzie Heritage Trail and the 1861 Goldrush Pack Trail

The Fraser Headwaters Alliance features the Goat River on their website: www.fraserheadwaters.org

For further information contact:

Roy Howard, (250) 968-4410, roy@fraserheadwaters.org
Lelani Arris, (250) 968-4401

GOAT RIVER DESTRUCTION BEGINS

By Roy Howard

FOR IMMEDIATE RELEASE

December 2, 2001

In one short week, McBride Forest Industries (MFI) destroyed a kilometre of century-old historic trail by building a logging road on top of it. How long will it take to complete the destruction?

MFI started road-building in the wilderness of the upper Goat River watershed last month, despite serious concerns over the impact development will have on the area's unique environmental and recreational values. Logging in the first block could begin any day now.

Located west of McBride, BC, the Goat River watershed has for many years been the target of a protection campaign led by the Fraser Headwaters Alliance, a conservation organization based in the Robson Valley. At 35,000 hectares, the upper Goat is the second largest undeveloped, unprotected watershed in the Fraser Headwaters region and provides critical habitat for grizzly bears, Chinook salmon and endangered mountain caribou. The waters of the upper Goat flow crystal clear year-round and majestic stands of old growth spruce forest stretch to the horizon.

MFI's development plan for this area is in flagrant violation of the Forest Practices Code, and is currently under investigation by the BC Forest Practices Board. If pushed further into the watershed, the road will be built directly on the bank of the river for 300 metres, seriously damaging Chinook salmon and bull trout rearing and spawning grounds. However, government staff from the BC Ministry of Sustainable Resource Management, Ministry of Forests, and Fisheries and Oceans Canada are expected to approve the road in the interest of allowing logging access to this controversial area.

The road and subsequent logging will also obliterate much of what remains of the Historic Goat River Trail, established in 1886 between Barkerville and the Fraser River during the latter part of the Cariboo Gold Rush. Recently restored as a 95-kilometre hiking trail stretching from Crescent Spur to Bowron Lake Provincial Park, the stunning mountain vistas and pristine wilderness it traverses put the Goat River Trail on par with the West Coast Trail as one of BC's premier recreation destinations. The trail is also a link in the Sentier National Trail, which will link historic trails and wild spaces across Canada.

If development continues in the upper Goat, we will lose an irreplaceable piece of our province's natural and cul-

tural heritage. The potential of the area for sensitive ecotourism and habitat for endangered wildlife will be gone or written off in favour of short-term economic gains. "We're spending our children's inheritance," says Fraser Headwaters Alliance Coordinator, Roy Howard, "and in my mind, that is a great mistake."

The Fraser Headwaters Alliance is calling for a moratorium on any further development in the upper Goat River to allow time for concerns over Forest Practices Code violations, fish and wildlife habitat, First Nations land claims, and preservation of the trail and its surroundings to be addressed and resolved. For more information on the fight to save the upper Goat River watershed, contact the Fraser Headwaters Alliance at (250) 968-4490 or by email at roy@fraserheadwaters.org.

Roy Howard
Fraser Headwaters Alliance
6005 Brown Road, Dunster BC, V0J 1J0
Ph (250) 968-4490 Fax: 968-4410
Email: roy@fraserheadwaters.org
Websites: www.fraserheadwaters.org
www.savethegoat.ca

GOAT RIVER AMONG BC'S MOST ENDANGERED

FOR IMMEDIATE RELEASE, March 19, 2002

The Goat River, a tributary of the Fraser River located 35 km west of McBride, is among British Columbia's top five endangered rivers according to a list released yesterday by the Outdoor Recreation Council of BC (ORC).

"We are drawing attention to those rivers where the need for action and an appropriate response from government is deemed most urgent," says Mark Angelo, Committee Chair with the Vancouver-based group, whose membership includes 38 recreation and conservation organizations across BC.

Since 1994, the fate of the upper Goat River has been highly contested. McBride Forest Industries has already started developing the 35,000-hectare area and plans to extract more than 12,000 truckloads of timber in the next few years. Current plans include building a logging road in the channel of the salmon-bearing Goat River itself, a river noted for its pristine water quality.

The Fraser Headwaters Alliance (FHA), a grassroots conservation group based in the Robson Valley, is leading a campaign to gain protection for the upper Goat. Logging will negatively affect the watershed's wildlife populations

and sever critical habitat connectivity between Kakwa and Bowron Lake Provincial Parks. The Goat is home to Chinook salmon, grizzly bears, and endangered mountain caribou, a species that has declined to less than 2,300 individuals.

FHA is also concerned about the impact of logging on the Historic Goat River Trail, an 1886 gold rush route that has tremendous potential to become a premier eco-tourism destination, partly because it connects with the renowned Bowron Lake Provincial Park.

"The Goat is one of the last remaining undeveloped watersheds in the headwaters of the Fraser," says FHA President, Cary Glenn, "and development in the headwaters affects the entire Fraser River system."

The Goat received special mention as part of the Fraser River, which was listed in fourth place. Also on the ORC's list are the Okanagan River and the steelhead streams of BC's south coast.

More information on the effort to protect the upper Goat River watershed can be found at www.savethegoat.ca, or by contacting Roy Howard, FHA Coordinator, at (250) 968-4490 (email: roy@fraserheadwaters.org).

C: SOUTHWEST ISSUES

COMMENTS ON DRAFT CAYOOSH SECTION

By Jay MacArthur

1.1 Introduction

The corridor along Highway 99 (Duffey Lake road) south of Lillooet is an important area for recreation, timber production, tourism and wildlife. The area includes the following drainages: Van Horlick, Blowdown, Gott, Boulder, Phair, Cerise; Upper Cayoosh; Lost Valley; Melvin Creek; Downton Creek; Cinnamon; and Copper, as well as the alpine areas of the Cayoosh Range, Seton Ridge, and the north facing slope of Seton Lake, that includes Machute Creek, Spider Creek and the specific access road known as the Hurley Silvermine Road.

1.2 Highway 99

The main highway corridor is not mentioned. I propose that the LRMP include all Crown Land (not proposed as protected areas) along the highway as a Forest Reserve (I think that this is part of the FPC Act) and that no land should be sold or leased to permit commercial, recrea-

tional or residential development.

Let's keep the highway corridor as a scenic forest.

1.3 Melvin Creek:

Our members would prefer that the proposed Cayoosh Resort not proceed. We made numerous submissions to the Environmental Review panel opposing the proposed development. Now the Lillooet tribal council is continuing to oppose the proposal.

We recommend that a smaller alpine style lodge be considered. A lodge with access via a restricted road could offer ski-touring and alpine hiking adventures. We suggest that this would be much more environmentally sustainable.

1.4 Blowdown Creek

A Section 105 road closure of the upper valley (at ~6 km junction) is proposed to provide a sanctuary for wildlife and an area for non-mechanized recreation.

We understand that a hut has been constructed in the upper valley by snowmobilers. Do they have a license of Occupation?

1.5 Downton Creek

Our members recognize the important wildlife values in the area. I don't think that the existing wording does enough to protect those values. General management of timber with a wildlife focus is not specific enough. There is a goal 2 area proposed for the alpine areas of the Cayoosh. The Federation supports some kind of designation that will protect wildlife and prevent increased use by commercial recreation groups. If the proposed Cayoosh resort goes ahead we definitely need some protection to stop further encroachment on wildlife habitat. Would a wildlife management area be an option?

Our members would like the logging road kept open in summer to approximately 10km, so that hikers don't have to hike along the long gravel road. Spring closures to protect wildlife are fine with us.

1.6 Lost Valley Creek

Our members support the protection of Lost Valley creek for grizzly bear habitat and for recreation. A combination of upper Downton Creek and Lost Valley Creek would create another large sustainable wilderness to protect wildlife habitat and provide for some recreational use.

1.7 Cerise Creek

This area has now been proposed as a protected area by both options currently under review by the government.

Our members and recreational users want to keep Cerise Creek as a "near" wilderness backcountry experience. Logging the slopes above the trail would ruin the pristine feel of the upper valley.

1.8 Upper Cayoosh Creek

The Upper Cayoosh Creek area has some of the best win-

Proposed Motorized	Proposed Non-Motorized
Van Horlick (8,000 ha)	Cerise (1,200 ha)
Hurley Silver Mine Road (500 ha)	Casper (1,900 ha)
Blowdown (3,000 ha) on logging roads	Upper Cayoosh (2,400 ha)
Boulder Creek (?)	Gott Creek (3,600 ha)

ter ski-touring and summer hiking along the Duffey Lake road. The Whistler Section of the Alpine Club of Canada has a License of Occupation and has constructed a cabin close to the lake on the northerly fork. On most winter weekends there will be more than 20 users in this area.

The LRMP members have previously agreed on a non-mechanized recreation zone with a parking lot adjacent to the highway.

There could be some more logging in upper Cayoosh Creek. We would like to have some small areas zoned for no further logging to protect the trail corridors from avalanche danger and to keep the trails in the natural forest. At least a 50 m buffer on either side of the three existing trails and routes is proposed.

Ainsworth Lumber agreed to give us a chance to meet their planners on site before any cutting permit is submitted.

1.9 Phair Creek

Some of our members have expressed an interest in access to this valley in November to February for ice climbing in the lower valley. Would this type of use have any effect on wildlife? The climbs are all in the canyon, below where the valley opens and flattens out. Perhaps the gate could be moved to the upper end of the canyon on the last bridge, which would prevent vehicles getting around it.

2. Balance for Winter Recreation

We are having difficulty coming to a reasonable compromise with regard to winter recreational use of the side valleys that form the Cayoosh corridor. The table below summarizes a proposed compromise. The four valleys proposed for non-motorized winter recreation have a long history of use by ski-tourers. All the other valleys have also been used by ski-tourers, but are used less frequently.

LILLOOET LRMP PROTECTED AREAS, COMMENTS FROM THE FMCBC

By Jay MacArthur
FMCBC Lillooet Representative

Introduction

We have reviewed the four focus maps and compared them to the existing park and the Conservation, Recreation, Tourism and Community Option. This report includes a rationale for protecting some of these areas that our members are familiar with.

Southern Chilcotin Mountains Provincial Park

All table members agreed that this is the most important area for wilderness recreation, backcountry tourism and wildlife in the region. The tables below show the difference between the various proposals or focus maps.

The existing boundary for the South Chilcotin Mountains Provincial Park make the most sense for recreational and wildlife management. By protecting more valleys the park will be sustainable for future generations and not just a park of what's left after the loggers have taken out all the timber.

Contentious Areas in South Chilcotin Mountains Provincial Park

- Upper Slim Creek contains some of the most extensive alpine meadows in the Southern Chilcotin.
- Contains only 300 hectares of THLB in 11,000 ha of total area.
- Has low mineral values and the area is referred to as a tombstone. Consequently there is no potential for a mine anywhere in the Slim Creek Valley.
- Very popular for snowmobiling in the winter and spring. This is an activity that should continue in most of the area.
- One sub-valley is popular with ski-tourers.

- Extensive environmentally sensitive wetlands
- Leckie, called the most primitive valley in the Lillooet TSA by the Ministry of Forests (and the last truly intact, un-roaded valley in the PA), is integral to this PA being a grizzly protection area; also important goat habitat (not found extensively in the rest of the PA), moose, wolf and wolverine habitat.
- Extensive environmentally sensitive wetlands and alpine lakes plateau.
- Building a road through the narrow canyon would destroy this important wilderness.
- Leckie connects the middle of the Gun Creek valley to the upper end of the Gun Creek valley via Wolverine Pass. It also connects to upper Slim Creek and west to Nichols Creek, so it is an important wildlife corridor. Industrial exploitation of Leckie, a natural connector lying parallel to the Gun Creek valley, would change the complexion of the PA irreparably. It would open up the entire PA to day hikes, diminishing the opportunities for the overnight camper, along with the severe loss of conservation values. Spruce Lake could be a two-hour hike from the trailhead instead of six, and upper Gun to the Taseko River valley, via Taylor Pass, might be three hours instead of three days currently.
- With Leckie Creek the South Chilcotin PA maintains its extremely high conservation values. Without Leckie the PA's values become more for mid-country recreation and tourism, and not for conservation and back country recreation and tourism.
- Leckie is the most rugged valley in the area and provides an experience not available in the rest of the park.
- Among the finest alpine basins in the province for accessible backcountry recreation, tourism and conservation values.
- The entire provincial park, and particularly these basins, is unique in B.C. for floral diversity. The Vancouver Natural History Society has identified over 125 plant species in these basins alone.
- There is one mineral claim in upper Eldorado Creek. The claim holder should be compensated fairly. The importance to recreation and tourism of this area should preclude the claim holders right to develop the property.
- The draft suggests the use of an ELUC designation to allow for further development of this claim. However a few previous experiences with mineral claims in provincial parks have resulted in previous

reports that recommended: "That a park is a park is a park! No mineral exploration or development should take place in parks." Reference: Strathcona Review, 1995?

- Our members could not accept a mine in alpine meadows, therefore we suggest that further exploration should not be permitted.
- The northern half of lower Tyaughton Creek has some of the best hiking in the area and no operable timber.
- The south facing slopes are very dry and too warm for forest growth.
- This area needs to be in the protected area to provide proper recreational management integrated with the park.
- Upper Relay is the northern-most valley in the provincial park and completes the transition from the coastal valleys (Slim and Leckie) to the Chilcotin plateau.
- Rich in alpine meadows and biodiversity, upper Relay is mostly alpine
- Relay Creek the main connection to Big Creek Provincial Park for both people and wildlife.

Comments on Focus Maps regarding South Chilcotin

Wilderness Recreation and Tourism

- This is closest to the existing park boundaries
- We are pleased that part of Bonanza is included in this map, however slightly more of the south side of Tyaughton Creek should be included.
- No need to add area at southeast corner compared to existing PA boundary, no recreation or tourism values.
- Most holistic boundary

Biogeoclimatic Representation and Wildlife Values

- Missing Slim Creek with its high recreational values. Ainsworth had tentatively agreed with this park area since there is very little operable timber left.
- Missing important alpine meadows in Cinnabar and Taylor creeks
- Missing some important alpine country in upper Relay
- We are pleased that part of Bonanza is included in this map, however slightly more of the south side of Tyaughton Creek should be included.

Timber Resources Focus Map

- Missing the north side of Tyaughton Creek which

20 Backcountry Huts

in Western Canada

Located in the heart of world class ice climbing, backcountry and nordic skiing. Hut to hut ski touring options. Hut access ranges from easy to difficult.



Stay in the Canmore Clubhouse



Close to Banff Rocky Mountains and 5 ski resorts. Dormitory style rooms for up to 47 people. Self contained facilities for 4 - 15 people. Kitchen, laundry, sauna, BBQ, meeting room, lockers, email & internet access.

\$10 - \$27 per night

The Alpine Club of Canada

Box 8040, Canmore, AB, T1W 2T8
(403) 678-3200 ext. 1
alpclub@telusplanet.net
www.AlpineClubofCanada.ca



has no operable timber and very high recreational values.

- Logging proposed too close to Spruce Lake on south side of Tyaughton Creek. This creates access problems and ruins the viewscape from the north side of Tyaughton Creek
- Missing Leckie Creek, which is needed to provide true wilderness in park. The small amount of operable timber does not justify building an expensive road and wrecking this pristine valley.
- Missing Slim Creek with important recreational values. Ainsworth had tentatively agreed with this park area since there is very little operable timber left.
- Missing important alpine meadows in Cinnabar and Taylor creeks
- Results in a park that concentrates too much use in Gun Creek

Mineral Resources Focus Map

- Missing the north side of Tyaughton Creek, which has no operable timber or known mineral resources and very high recreational values.
- Logging proposed too close to Spruce Lake on south side of Tyaughton Creek. This creates access problems and ruins the viewscape from the north side of Tyaughton Creek

- Missing Leckie Creek, which is needed to provide true wilderness in park. The small amount of operable timber does not justify building an expensive road and wrecking this pristine valley.
- Missing Slim Creek with important recreational values. Ainsworth had tentatively agreed with this park area since there is very little operable timber left.
- Missing important alpine meadows in Cinnabar and Taylor creeks
- Results in a park that concentrates too much use in Gun Creek
- Does not provide a secure area for mineral exploration. Any proposed development will be protested rigorously

Other Protected Area Proposals

The Bridge Delta is a key springtime feeding ground for grizzly bears, and is also important habitat for moose, mule deer, fisher, wolverine, waterfowl and raptors. The Bridge River Delta PPA is the only representative sample of the broad valley bottom of the Bridge River system remaining since the Bridge River Valley was dammed and flooded for hydroelectric power generation. This glacially scoured valley bottom delta has intricately braided, glacier-fed tributaries with extensive gravel bars, old growth Douglas fir forests, cottonwood stands and riparian habitat. **This Bridge Delta proposal also includes adjacent upland forested bench lands to the north, critical for grizzly bear security.**

Will be an Ecological Reserve capturing important subalpine and alpine grassland values. Red Mountain provides critical seasonal habitat and major migration corridors for California bighorn sheep. Red Mountain is characterized by rolling sub-alpine/alpine terrain and First Nations consider Red Mountain a significant traditional area for collection of food and medicinal plants.

Provides representation of the Camelsfoot Range, including: extensive elevational sequence of biogeoclimatic zones, old growth forest, mosaic of dry forests and riparian forests, extensive alpine grassland areas. The area includes a critical California bighorn sheep, goat and mule deer migration corridor. There are many trails throughout this area as well as First Nations traditional use interests.

Yalakom Creek is an area of great interest to the government RPAT team.

Cerise Creek Conservation values

- Although the forest types are well represented in adjacent Joffre Lakes and Duffey Lake parks, the valley forms an important wildlife corridor to the south.
- The marsh in the valley bottom is very fragile.
- Habitat used by grizzly and black bear, deer, mountain goat and other species

Recreation values

The Cerise Creek trail was established in 1988 when the Keith Flavelle Memorial Hut was constructed. Starting from a logging road close to Highway 99, the three kilometre trail leads to the hut and a small lake just above the snout of the Anniversary Glacier. This trail is probably the most popular hiking trail in the Lillooet region. It is used by:

- hikers and mountaineers in summer
- ski-touers, boarders and snowshoers in winter

The Anniversary Glacier offers fantastic skiing in winter and spring. Joffre Peak and Mount Matier are the main mountaineering objectives in the area.

Wilderness Recreation and Tourism

- Missing Shulaps proposal, very little timber or mineral resources here
- Shulaps has high recreational values
- Missing Antoine/Fred proposal, see CRTC submission
- Missing Noaxe proposal, see CRTC submission
- Missing Red Mountain, see CRTC submission

Biogeoclimatic Representation and Wildlife Values

- Looks pretty good except for boundaries of South Chilcotin previously discussed.
- CRTC to provide further details

Timber Resources

- Major problem with South Chilcotin boundary previously discussed
- Missing Shulaps proposal, very little timber or mineral resources here. Shulaps has high recreational values
- Missing Yalakom and Nine Mile Ridge, see CRTC submission

Mineral Resources

- Major problem with South Chilcotin boundary previously discussed
- Missing Shulaps proposal, very little timber or mineral resources here, Shulaps has high recreational values
- Missing Cayoosh Goats, mountain goats are more important than the chance of finding a mine in alpine area
- Missing Noaxe proposal, see CRTC submission
- Missing Red Mountain, see CRTC submission

Jay MacArthur
Federation of Mountain Clubs of BC

LETTER TO BCAL REGARD- ING THE LILLOOET By Jay MacArthur FMCBC Lillooet Representative

February 28, 2002

Rick Staudt
Commercial Recreation Manager
BC Assets and Land Corporation
Southern Interior Region
3rd Floor, 145 3rd Avenue
Kamloops, BC V2C 3M1

Dear Rick:

This letter is in further to your add in the Lillooet News and the discussions I had with you.

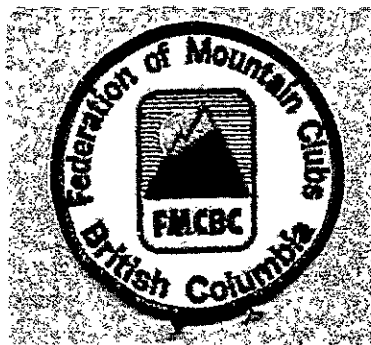
The members of the Federation of Mountain Clubs of BC have used the mountain areas around Lillooet for at least 50 years. Since the Duffy Lake road was built about 25 years ago, use of the area has substantially increased by our members.

I have attached a report that we prepared for the Lillooet LRMP two years ago. It details the areas in the Cayoosh corridor that our members use the most.

The proposal for heli-skiing in Van Horlick and Blow-down creeks will not directly impact the areas that our members use for backcountry skiing since snowmobilers have displaced our members from these areas in the past five years. We are concerned about these proposals for heli-skiing and snowcat skiing because they may force snowmobilers to use other areas that we presently use.

As we discussed, we are pleased that BC Assets and Land Corporation will not decide on these applications until after the LRMP has made recommendations on land use in the Cayoosh. There are many competing uses and complicated issues that need to be discussed by public users and the government before any decisions are made.

The Hurley Silver Mine Road is used by some of our members for backcountry skiing, however it is not that popular a destination because quite a few snowmobilers use the area. We understand that there is a cabin at the top of the bowl. Do you know if there is a License of Occupation for this cabin? We want to discuss the Lillooet Snowcat Skiing proposal further with our members.



There is a need to coordinate with Sea to Sky Planning. Cayoosh Snowsports has an application for heli-skiing in upper Cayoosh where the Lillooet LRMP has tentatively recommended a non-mechanized zone. There are two backcountry cabins in this area that are owned by backcountry skiers.

In addition to our members concerns about recreational conflicts, there is the important issue of wildlife management. The Cayoosh area is home to many grizzly bear and mountain goat that are being affected by increasing recreational use.

We recommend that the Kamloops BCAL office advertise in the Vancouver Sun. Most of the backcountry users for this area live in Greater Vancouver area. We also recommend that you start an email list server for sending out requests for comments.

Please call me if you have any questions about these comments.

Yours truly,

Jay MacArthur
FMCBC Lillooet LRMP Representative

REPORT ON BCAL MEETING By Lesley Bohm, President

The BCAL Sea to Sky Snowmobile Forum on September 29, 2001 at Whistler had 40 members from all sectors, commercial and non-commercial.

The meeting was surprisingly friendly. There were two excellent guest speakers, Dave King, a backcountry skier from the Caledonia Ramblers in Prince George and regional director of the FMCBC, and Kim Nillson, a snowmobiler from Sun Valley, Idaho. Both have been involved in resolution of conflicts between snowmobilers and skiers by zoning. Both speakers said compromise settlements are inevitable, and first entrenched position and aggressive attitudes must be abandoned. Then, time must be allowed to build trust between the parties. We are still in the first stage, but I am hopeful. The snowmobilers are, for the first time, showing a willingness to discuss the issues and compromise.

BCAL and Forestry have now left this process up to us including the expense. BCAL has given us a letter on intent that our conclusions will be respected and the LRMP process will dovetail with the end of ours, hopefully in June. We are making excellent progress. The compromise positions are not ideal; we will be unable to regain prime areas like Brandywine and Callaghan, but we are hoping for some non-mechanized areas in the Sea to Sky that we can actually maintain noise-free. The Soo River is already going to be non-mechanized because of moose habitat and will be a good cross country area (flat). BCAL has agreed with our position that the Brew-Tricouni-Cloudburst area should be non-motorized on their new map. Our only hurdle is convincing the snowmobilers, not only the club ones at the table but the public ones as well.

There are many other areas of contention, however. Wish us luck at the future monthly meetings.

TANTALUS PARK MANAGEMENT PLAN – PUBLIC INPUT By Monika Bittel

The open houses were held at the end of November in North Vancouver and Squamish. About 50 people attended the North Vancouver open house. Approximately 90% of those who attended were members of the climbing community. Only a handful of people attended the Squamish open house. A common point raised at the open houses was the zoning proposed by Parks for Tantalus Park. Most supported the zoning proposed by the Federation of Mountain Clubs of B.C. ("FMCBC"), namely extending the Wilderness Recreation Zone to include Mt. Pelion and Mt. Ossa, as shown on the enclosed map.

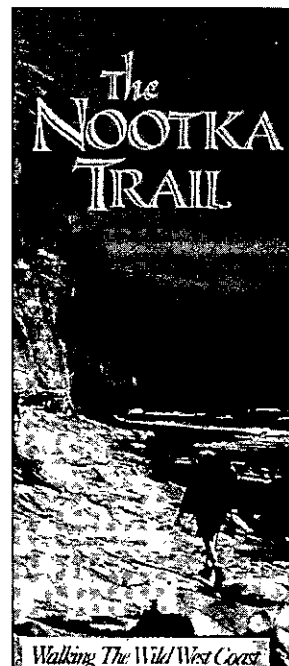
Those members of the climbing community who attended the open houses made a good impression on Parks. Their

presence demonstrated the importance of the Tantalus area to mountaineering. Also, they gave thoughtful and rational input. Thank you to all who attended the open houses.

For those who were unable to attend and for those who have not yet given written input on the draft Management Plan, Parks is accepting public input until **January 31, 2001**. There is a good chance that we can get Parks to reconsider the zoning proposed for Tantalus Park, if Parks receives more public input in support of it. Members of the mountaineering community are urged to write a letter or send an e-mail to Parks, commenting on the draft Management Plan. Parks is looking for thoughtful, rationale input. So, if you support any of the points being advocated by FMCBC as outlined below, give your reasons.

Some specific concerns or amendments advocated by the FMCBC are as follows:

1. The Lake Lovely Water basin and the alpine areas of Tantalus Provincial Park are zoned "Natural Environment", which permits mechanized access. A smaller committee will be starting work in February or March 2002 to develop an aviation management plan for Tantalus Park. Air access is recognized as a valid activity within Tantalus Park, but it is also recognized that there is a need to control its impacts on the Park and other users. Any comments or concerns regarding aircraft use in the Lake Lovely Water basin and the Park generally should therefore be directed to Parks. These comments and concerns will be available to the Aviation Man-



agement Plan Committee and will be valuable input in developing the aviation management plan. The Committee will consider such issues as landing sites, number of commercial permits to be issued, use patterns, and safety concerns. Representatives of the FMCBC will be participating on this Committee, so input, comments and concerns regarding aviation in the Park is invited.

2. The non-alpine areas of the Park and the area around Sigurd Lake are zoned "Wilderness Recreation", meaning non-mechanized recreation and access. The proposed zone is too small and does not adequately protect the Sigurd area for wilderness recreation. At a minimum we would like to see the Wilderness Recreation Zone enlarged to include Mt. Ossa and Mt. Pelion. This would be accomplished by extending the Wilderness Recreation Zone boundary up from Zenith Lake through the col, which separates Mt. Pelion from the north ridge of Tantalus, and then continuing along the park boundary (see attached map). By enlarging the Wilderness Recreation Zone to include Mt. Pelion and Mt. Ossa, there will be at least two significant peaks in the Park where a wilderness mountaineering experience can be enjoyed. As currently zoned, there is not a single significant peak in the entire Park which permits a wilderness mountaineering experience. Mt. Pelion and Mt. Ossa also form a natural sound barrier, protecting the Sigurd area from the air activity over Tantalus and the Rumbling Glacier. For these reasons the FMCBC would like to see the Wilderness Recreation Zone enlarged to include Mt. Pelion and Mt. Ossa.

3. Hunting should not be allowed in the Park. The draft Management Plan report states that hunting should occur as long as wildlife populations are not "impacted to unacceptable levels". What is an "unacceptable level"? Does Parks have any data on wildlife populations in the Park? Parks should have data on wildlife populations before letting the wildlife to be wiped out through ignorance. Since hunting can occur everywhere else around the Park, there is no justification for hunting in the Park.

The tourism sector is placing great pressure on Parks for development of Tantalus Park, primarily through mechanized access and recreation and

flight seeing. Ensure Parks also hears from the climbing community. If you agree or disagree with some or all of the proposed Management Plan, say so and say why. Letters and comments should be directed to Tom Bell, B.C. Parks, Garibaldi/Squamish Coast District, PO Box 220, Brackendale, B.C. V0N 1H0. Telephone number is 604-898-3678 (Ext. 232), fax number is 604-898-4171, and e-mail address is Tom.Bell@gems1.gov.bc.ca.

If you have any questions contact Peter Woodsworth (Tel. No. 604-254-7076) or Monika Bittel (Tel. No. 604-983-3097 or e-mail monikabittel@mybc.com) who are representing the FMCBC at the Management Plan Committee meetings.

Your support is needed and appreciated.

WHAT'S HAPPENING TO CYPRESS PROVINCIAL PARK!

**By Katharine Steig, Director
Friends of Cypress Provincial Park Society
(FCPP)**

Construction started up again last summer in Cypress Provincial Park for the benefit of those using the commercial ski facilities, but to the detriment of other park users, native flora and fauna, streams, and other natural features. In August 2001, Cypress Bowl Recreations Ltd. (CBRL) started excavating westward along the base of Black Mountain, between the end of the Cypress Bowl Road and the Eagle chairlift, for a new base area, including a 250-car parking lot with drop-off loop and a gondola station for the not-yet-built Strachan Peak restaurant.

In order to start construction of the base area and below-grade parking lot, 99 "significant" ancient trees, i.e., trees with a diameter at breast height (DBH) of 30 cm or more, were felled. The largest yellow-cedar's DBH was only about 80 cm, yet a ring count by a professional dendrochronologist at UBC showed it was at least 941 years old, and possibly several decades older. Ring counts on two other trees reached 878 and 615 years, minimum. (CBRL's help in obtaining these tree slices was much appreciated.) Many of the hemlocks felled were studded with red-breasted sapsucker holes, showing that the area was important habitat for this and other bird species. Extensive slope regrading and re-seeding took place on Mt. Strachan, allowing for skiing with a minimum of snow, but eliminating native plants that had managed to survive on these slopes.

Several new ski trails were cut in the Hollyburn Ridge

Nordic Area, resulting in considerable tree/shrub loss and forest fragmentation, and disturbances in the headwaters of Rodgers and Marr creeks, which flow down through West Vancouver lands. The project's Environmental Assessment

stated: "Crossing of any of the drainages will be done during dry weather, within the Fisheries Window, with all work at crossings completed by September 30." But work was still going on during the wet Remembrance Day (Nov. 11) weekend, resulting in deep mud on skiing and hiking trails, silt in the streams' headwaters, and an investigation by West Vancouver staff. Following West Vancouver's expression of concern to Government about development impacts, Minister of Water, Land and Air Protection Joyce Murray agreed to an on-site review with West Vancouver staff after the snow melts this spring. A detailed report with photos on the damage to trails and creeks was submitted to BC Parks and West Vancouver by FCPP Chair Alex Wallace.

More of the park's natural environment and trails are threatened by the current ski area expansion plan, which is only about 15% complete. In addition to the prospect of several more years of construction work (in hiking season), Cypress Bowl is now being considered as the venue for all of the 2010 Olympics snowboarding and freestyle skiing events. Holding these events at Cypress depends on the development of snowmaking facilities, which may have a negative impact on the park's environment.

BC Parks' Lower Mainland staff have been reduced by 45% as a result of the January 17 Government budget cuts. Fortunately there are still Park Rangers at Cypress, and new (much needed) backcountry access corridor maps for Black Mountain Plateau and the Howe Sound Crest Trail were recently installed at the Cypress Bowl BC Parks Information Kiosk and corridor trailheads. Last December the faded park map in the Hollyburn Ridge Kiosk was replaced with a new map, partially funded by FCPP.

For further information, contact FCPP Chair Alex Wallace at (604) 434-7328 or tlm@interchange.ubc.ca

TRAILS COMMITTEE

A: ADOPT-A-TRAIL PROGRAMME

Four goals initiated by the Trail Committee last fall have now been accomplished:

- 1 The Fed's Trails database has now been updated.
- 2 Letters have been sent to all of the listed adopters

to reaffirm our commitment to them and to determine how many are still committed to the Adopt-A-Trail program.

- 3 We have sent out a questionnaire this fall to request information on trail improvements this past summer.
- 4 We have purchased mapping software and are in the process of learning to use it.
- 5 New hats have been provided to our adopters so they are identified to the public when working on the trails.

B: NATIONAL HIKING TRAIL

NEW WEBSITE

The National Trail Association now has a new website: www.nationaltrail.ca. It will be up and running in a week or so.

REGIONAL MEETINGS

The National Trail Association was active this past fall and this spring. Many members of the northern hiking community were out researching routes. On November 23, 10 members from the northern hiking community met in Quesnel. It appears that a trail is becoming passible from Bella Coola to Jasper. Trail mostly exists from Bella Coola to Quesnel. Local community members are working on the route from Quesnel to Likely as well as Barkerville to Bowron Park. Along the north end of Bowron Park to Crescent Spur is the Historic Goat River Trail (www.savethegoat.ca).

Members of the Fraser Headwaters Alliance are working from Crescent Spur to Jasper Park. Dave King of the Caledonia Ramblers of Prince George and Executive Director Pat Harrison met with local groups in Dunster, BC on 12 March 2002 along with representatives of BC Parks and Ministry of Forests. The three hour meeting produced a route to be explored and marked this summer from Crescent Spur to Jasper National park. A great thank you to the Fraser Headwaters Alliance group that organized the meeting (Roy Howard) and to Jill Howard for the refreshments. Roy Howard will be meeting with the Jasper Trail Stewards on 9 April 2002 to discuss the link up with the Alberta groups.

On September 17, representatives from BC (FMCBC) and Alberta met in Canmore, AB to discuss where the two provinces will meet. Tentatively, the trail will proceed from Banff to Jasper and then onto Crescent Spur, BC.

We are happy to announce that the Prairie Pathfinders have agreed to take on the Manitoba section and are looking for a club in Saskatchewan. The NTA has representatives in BC, Alberta, Manitoba, Ontario, Quebec, New Brunswick, and Nova Scotia.

Pat Harrison met with President Jeff Hemming on 4 April 2002 to outline the agenda for the AGM to be held in Toronto on 7 September 2002. Other issues included fundraising and increased profile.

EDUCATION AND SAFETY

SO YOU WANT TO BUY A GPS PERSONAL NAVIGATOR?

By Shane Koscielniak, Director

The GPS, Global Positioning System, uses space-born atomic clocks to provide a several orders of magnitude increase in marine and terrestrial positioning accuracy. Hand held units with an absolute accuracy of a few tens of metres, and weighing under 5 oz including batteries, are now available for under \$200. Sounds tempting? Then read on.

First a few words of caution, then some hints on buying, and finally some advice to help you get the best performance from your GPS.

A GPS unit is not a substitute for a map and compass, but it can revolutionize the way you use your existing topographic maps.

Just about all the hand held units out there, from the cheapest to most expensive, use the same military standard chip, and similar shock resistant electronics. They all come with the same incredibly cheap and powerful software for converting nano-second timing signals into position coordinates. The more expensive units can download quite detailed terrestrial maps of the United States to view on a piddly little 2in. by 3in. LCD screen. For the moment, a much more effective navigational solution is to buy one of the base models and the relevant 1:50,000 Canadian topographic map (about \$10) which has both unsurpassed detail and the ability to give you the whole 2ft. by 3ft. picture in full colour.

Now some words about grids and coordinate systems. Most people will be familiar with latitude and longitude,

but unless you are a mariner there are enormous advantages to using UTM coordinates. To put it most simply, the Universal Transverse Mercator is the grid of pale blue lines tracing 2cm. by 2cm squares on your 1:50,000 topo map and which correspond to 1km. by 1km squares on the earth's surface. This makes for a convenient way to express coordinates that is well suited to persons travelling on foot. So go and find the *Setup* menu, and then the *Units* menu and select UTM/UPS. There is one small snag. The read-out of a typical GPS unit needs human interpretation. The read-out consists of a 3 character code, the UTM sheet number (which you can usually ignore), followed by a pair of 6 digit numbers (E-W, N-S). As an example, the small jetty at the east end of Cluchuta Lk [on topo sheet 93 C/14] has UTM 10U 0363644,5870283. The 6 digit numbers are your location in metre units relative to the UTM. For ease of use on the topo map which is in km units, one has to introduce a decimal point between the kilometre and 100-metre digits which we write as 0363.644,5870.283 and which is read as the grid reference (GR) 63.64,70.28.

If you want to get the utmost accuracy out of your GPS-based map work, then you will have to understand a little about *datums*. Most maps are the result of terrestrial surveying relative to some physical origin, such as a system of geodetic survey markers (those brass plaques), and this is the *datum*. Unfortunately, from time to time, map makers change the datum. Fortunately, the same incredible software (on a base model GPS) that can convert between satellite timing signals and any one of dozens of possible grids used world wide, can also adjust for different *data*. The datum should be declared on the map. Look for something like North American Datum 1927, then go to the *Setup* menu and the *Units* menu and select the NAD27 Canada map datum. An alternative approach is to operationally adjust the datum. Go to some small clear landmark, and read the grid reference of this landmark from your topo map. Then cycle through the *datums* in the *Units* menu of the GPS until you find UTM coordinates that most closely approach the GR on the topographic map. If you perform this exercise in a city, say choosing the boundary corner of a park as your landmark, you may well be shocked to find that depending on the selection of the datum the UTM can be either pin-point accurate or in error by up to a city block!

If you wish to know more about UTMs, UPS and *data*, then visit the website <http://164.214.59:80/GandG/tm83581b.htm>. In brief, the UTM is a system for projecting the surface of an ellipsoidal-shaped globe (the earth) onto roughly 3400 flat rectangular surfaces (UTM

sheets) so as to minimize the projective distortions to insignificant levels. The UTM is used for regions between 80° south and 84° north, while the Universal Polar Stereographic (UPS) is used for polar regions.

LED HEADLAMP REVIEW

By Alex Wallace,
FMCBC Trails Committee Co-Chair

LED headlamps and flashlights have been around for a few years now: Light Emitting Diodes are best described as simple electronic components that convert electricity directly into light (red, green, yellow), without heat. Most people are familiar with the red flashing LED bike lights, and the current LED 'white' lights are actually blue LED's that are coated with phosphors that emit a bright blue-white glow.

For backcountry use, the advantages over conventional incandescent bulbs, which depend on a fragile, white hot filament, is their very low power consumption, and the fact that it is almost impossible to damage an LED, since they are a basically little chunk of solid glass sealed in resin plastic with wires sticking out: where an incandescent bulb only lasts about 60 hours, an LED will last about 100,000 hours. They don't flicker as the batteries run down, because they are actually flickering very quickly. For purposes of comparison I have included the traditional Petzl Headlamp that many of us have been lugging around for years.

Traditional Petzl 'Zoom' Headlamp: Costs about \$45 and runs 17 hours with a fresh battery (alkaline-flat type) the whole unit weighs 400g, which is fairly hefty, but the battery pack on the back of the head helps prevent it from falling over your eyes if you lose your footing. Comes with a spare bulb in the unit, but of course if your fingers get cold and/or you don't have a second light source, replacing a burned-out bulb could be a critical task. This unit is waterproof in most circumstances, i.e. not if dropped in a creek.

Problems; if you have been using the unit regularly, or even if it has been sitting around, there is no way of knowing exactly how much juice is remaining, consequently it is prudent to carry a second (160g) battery. Total: 560g, am I right? As the battery runs down, the bulb will typically start to flicker, and a more serious and not uncommon problem with these headlamps is that the battery can go dead while in your pack. Presumably this is as a result of the threads on the lens unit (which focuses the lens and acts as the on/off switch) being too loose and conse-

quently allowing the lamp to eventually go on in your pack as it jiggles around. Some users who have experienced this take a wire off one battery terminal until they want to actually use the headlamp: this is effective, however my experience is that even in daylight they are fiddly to reassemble, and I wouldn't like to try it in failing light with freezing fingers and rain blowing into the battery compartment. A less drastic fix is to use the rubber band off your broccoli to lock the lens unit so that it won't switch on, until you want it to.

Petzl 'Tikka' Headlamp: Costs about \$45 and weighs 70g. Uses three LED's. Runs 150 hours on three AAA batteries (they claim). However it starts bright and gets dimmer after about 12 hours, and the last 125 hours light output will be more suited for reading a book in your tent. Lens unit does not pivot, but the design is quite comfortable. The switch is a bit flimsy, and some wear problems have been reported. The main problem, in my view, is that it is not waterproof: in fact the batteries can be seen through the gaps in the snap-together housing. When snapped open, the unit tends to send little batteries in all directions, if you are not careful. At the very least, Petzl should have used a rubber O-ring to seal the unit somewhat. As it is, if it gets wet the batteries may fail (and they aren't cheap), which could have unfortunate consequences. Fix: you could take the unit off your forehead and use it sealed in a clear plastic bag (the one that the broccoli came in).

Princeton Tec 'Matrix' headlamp. Costs about \$65 and weighs 130g. Uses three LED's. Runs 40 hours on two alkaline AA batteries, over 100 hours on two lithium AA batteries.

The lithium batteries are more expensive, but they last longer, and operate at low temperatures. They are also lightweight, a plus if spares are to be carried. The electronics in this unit compensate for the battery voltage dropping in use so that the lamp output remains equally bright the whole time. This unit is waterproof to 700 metres, (perhaps so you can visit the Titanic?) and comes with a second (conventional) bulb unit for a brighter, more focused beam. This conventional bulb unit drops in with no fiddling, but will burn only three hours. The lens unit does not have adjustable focus, and like most LED lights it has a fairly diffuse beam, but it pivots, and this allows the beam's angle to be adjusted. Because it pivots and is quite compact, it can be reversed and used just as effectively around the neck while hiking: for it has to be said that having a headlamp's rubber pad stuck firmly to your forehead for many hours can be annoying, particularly if you are warm, or perspiring profusely. The thread design on the Princeton Tec lens units is sufficiently tight to prevent the darned thing switching on until it's needed. The

only way to kill this unit would be to leave the same batteries in it for a decade or so till they rot (my experience with bike LED lights.) or possibly to allow DEET bug repellent to leak on to it in your pack. Since this will also rot the thread holding your pack together, and most other expensive plastic items (but not the cheap nylon ones), this is to be avoided.

Problems; beam focus is not adjustable, but you can pop the other bulb unit in easily; and it's a bit more expensive. In circumstances where more light is needed, I use a flashlight strapped on to my arm with a loop of elastic, as well as a headlamp (handy when skiing out), but most flashlights will need batteries after as little as two or three hours, particularly at low temperatures.

Environmental impact of LED lamps: far fewer batteries used up, and they apparently will work fairly well with rechargeables.

RESEARCH COMMITTEE

WILDLIFE TREE PROJECT UPDATE By Annette Clarke

A successful field season was concluded on Nov. 19, 2001 with a last day-trip to the Sims valley research site in pouring rain and snow – a good motivation to focus on data analysis at the computer during the coming two months. During the 2001 field season we had 30 field days in the Upper Elaho, Sims and Squamish valleys. 47 individual volunteers were involved in 123 person-days of research.

Thanks to everyone who got involved and donated his/her time! Thanks to the organizational efforts of Terry and Rosemary Taylor, we were also able to arrange a bus trip with focus on ecological issues to the Upper Elaho and Sims valleys for members of the Vancouver Natural History Society with 54 people participating.

During the project surveys, we counted, measured and identified over 300 wildlife trees in Sims valley. The analysis of the wildlife tree data collected in 2001 will be

completed during December. Preliminary surveys were carried out in other parts of the Squamish and Elaho valleys and all wildlife tree signs are documented in our photo data base. The photo data base is and will be used for presentations and publications (brochures, calendar, cards). John Clarke generously donated his professional photos for our calendar project.

Several Slide presentations about the ecology of the Elaho and Sims valleys were given by Terry Taylor during this year. During this field season and the year before, we also collected direct or indirect related ecological information in the form of animal and plant lists (see below). In addition, a wildlife tree workshop was held by Annette Clarke for the Witness Project at the Elaho River with 25 people participating.

The Wildlife Tree Project is working together with the Conservation Volunteers Program (Dep. Of Forest Science, UBC), which placed an ad for our project under their Conservation Tuition Credit Initiative. We will employ a student volunteer through this program during winter 2001 and early spring 2002.

NEW COMPUTER

TYAX AIR SERVICE

Toll Free: 1-888-892-9288 • www.tyaxtours.com • info@tyaxtours.com

SKI PLANE

Let Tyax Air Service get you to the start of your next backcountry adventure. Yes, we have a "Beaver" Ski-Plane based at the Pemberton Airport. Passenger or Supply drops up to 1000 Lbs. throughout the coastal mountains.

Thanks to a grant from Mountain Equipment Coop (MEC), we were able to buy the urgently needed computer for the project. The computer made it possible to start analyzing the data we collected so far, work on the interim report, improve communication, sort our photo and slide collection, and work on a booklet about the natural history of the Squamish/Elaho valley. We also plan to publish a calendar with pictures from the Elaho and Sims valleys for next year.

WEBPAGE

We are currently designing a new webpage for the Research Committee and the Wildlife Tree Project. It will be found at the FMCBC website: www.mountainclubs.bc.ca

RESEARCH AREAS

Five different areas were chosen as study sites and/or photo documentation areas. In addition, several sites in TFL 38 were documented along the way in the Squamish, Sims and Elaho valleys.

Sims valley: a) Proposed block 72-4 and adjacent forest, b) morainal ridge and burn north of Sims creek, c) Forest at the end of Sims valley road

Elaho River Sandbar: Located at mile 52 (G-Main road) on the west side of the Elaho river. Formerly a Western Red Cedar old growth forest, the flats at mile 52 were logged around 1995. A narrow strip of trees was left standing adjacent to the sandbar. A survey in this forest patch showed former and current use by wildlife.

Clendenning Park: Flats close to Sims Creek and Wilson hollow

Deminger Trail: Located at mile 35 in the Squamish River valley. Low elevation old growth forest area with Douglas Fir and Western Red Cedar. Part of the forest is approved for logging. A new road was constructed early/mid November 2001 between Terminal Creek and the trail.

Upper Elaho valley: Douglas Fir Loop, north of Lava Creek

PHOTO LIBRARY

(Slides and digital) for the Squamish/Elaho valleys for presentations and publications.

Categories: plants, fungi, animals, wildlife trees, old growth forest structure, rivers/wetlands, landscape, management.

WILDLIFE TREE MANUAL

A 20-page (plus appendix) manual introduces the reader to the importance of wildlife trees and their users. It also includes information on wildlife signs, tracks and the parameters used for this project. It includes 40 coloured pictures and 2 black and white graphics. It is designed for research volunteers and other participants of the Wildlife Tree Project but provides general information for everyone interested in Wildlife Trees.

PLANTS AND ANIMAL LISTS

PLANT INCLUDING FUNGI

A plant list (incl. trees, shrubs, herbaceous plants,

INFORMATION AVAILABLE FROM THE PROJECT

Our idea of friends in high places...

A lifetime share in MEC is only \$5.00.
Call 1-800-663-2667 for a catalogue.
Vancouver Store: 130 W. Broadway
Phone: 604-872-7858
Visit www.mec.ca



ferns and allies, mosses, liverworts, lichens and fungi) was done by Terry Taylor and Kent Brothers for the forest area below proposed block 72-4, Sims valley on May 03, 2001.

A list of **plants** observed on a vegetation survey along the Douglas Fir Loop trail and Bear Bluff trail, Elaho valley was done by Terry Taylor on July 15, 2000. The list includes trees, shrubs, herbaceous plants, grasses and allies, ferns and allies, mosses, liverworts, lichens and fungi. The list includes a total of 115 species. 19 species were added to the list after further visits to the area. Several rare and old growth dependant species are listed, e.g. *Pleuropogon refractus*, the Nodding Semaphore Grass, is blue-listed in Rare Native Plants of BC. It is a very rare coastal wetland plant, and grows in a small skunk cabbage site beside the trail. It was also seen at a small swamp in cut-block 101-83. *Platanthera orbiculata* (Large round leaf rein orchid) has two large wide leaves, closely appressed to the ground, an adaptation for gathering enough light under the shaded conditions of a mature coniferous forest. It is not often encountered in most coastal forests, but is fairly common beside the Douglas Fir Loop. It was also seen in block 101-83 prior to logging.

A preliminary list of **bryophytes** was done by Kent Brothers on April 08, 2001 in parts of proposed block 72-4, Sims valley.

A list of **bryophytes** including liverworts was made by Dr. W.B. Schofield (UBC Dep. Of Botany) for parts of proposed block 72-4, Sims valley and at Peaches creek waterfall, Elaho valley, August 17, 2001. It shows 82 species for proposed block 72-4 and 36 species for Peaches Creek waterfall.

A preliminary list of **fungi** observed during a 5-hour field survey of the Douglas Fir Loop Trail and Bear Bluff trail, Elaho valley, was done by Terry Taylor on October 11, 2000. The list (with 81 species) indicates that the Elaho valley is mycologically very rich. Terry points out that many more species than are shown in the list would be found on a more detailed study, and that long-term mycological investigations should be carried out.

BIRDS

A preliminary list of birds was done by Jim Wisnea and other birders from the Squamish area on April 28, 2001 for the project. The list includes birds along the G-Main road from the marshes adjacent to Elaho

River up the road to Sims Creek bridge and up the trail through proposed block 72-4. It includes 25 species and their relative abundance.

Other birds seen or heard during gathering of field data in 2001 are summarized in a separate list.

Several separate bird surveys were carried out in summer 2000 for the Upper Elaho valley. They were done for the Elaho Trail Society by George Bradd (31 species), Danny Tyson (20 species) and John Kelson. John Kelson noted a very high density of cavity nests in the area and received spotted owl contact calls. He also found a Northern Goshawk nest with chicks. George Bradd found 5 active cavity nests in the Douglas Fir Loop area from July 15 to July 29. He noted that the area contains many dead trees literally riddled with holes, indicating a long history of use by woodpecker species and other cavity nesting birds and mammals. He also pointed out that the area is diverse (in bird species) for its elevation and heavy winter snows and that further studies in this unique area would be necessary prior to logging.

AMPHIBIANS

A Tailed frog (*Ascaphus truei*) survey was done for the project by Tanya Wahbe, UBC Centre for Applied Cons. Biology, on May 03, 2001 in two streams flowing down from proposed block 72-4, Sims valley. One tadpole was found in one of the streams, the other stream has a high potential for Tailed frogs.

Other frogs, toads and salamander seen during wildlife tree surveys are listed separately.

MAMMALS

Mammals and their signs that were seen in the research areas during data collection in 2000 and 2001 are listed separately. There is evidence of Grizzly bears in the Sims valley research areas.

INFORMATION ABOUT PESTICIDES/HERBICIDES

Two different pesticides are applied in TFL 38. One of them is Triclopyr or Release.

We have a copy of a report (Herbicide Factsheet) available that gives general information about Triclopyr, its toxicity and effects on the ecosystem. The 8 page factsheet is published by the *Northwest Coalition for Alternatives to Pesticides (NCAP)*, Oregon, in the *Journal of Pesticide Reform*, Winter 2000, Vol. 20, no. 4. The factsheet is also available on the internet: www.pesticide.org/triclopyr.pdf

**FMCBC ANNUAL GENERAL MEETING
2002 JUNE 22**

Hosted by the Comox District Mountaining Club

Location:

Florence Filberg Centre, Seniors Lounge
411 Anderton Avenue, Courtenay

Delegate Registration: 8:30 - 9:30 am

Meeting: 9:30 am

Registration Cost: \$20.00 (includes lunch, buffet supper, and snacks). Use form provided to register.

Guest Speaker (Saturday Night): Tom Carter from Moon Mountain Ventures, who will speak and show slides on his trips to Nepal.

Friday Night Get-together in the form of a barbecue, is planned for participants and their spouses/partners (more to come on this including time, place, etc.).

Possible events for Saturday for persons not attending the AGM are: short, two-hour (return) Rosewall Creek hike; tour of Courtenay and District Museum (\$3.00); tour of Puntledge Fish Hatchery or tour of Comox Air Force Museum. Persons should indicate their interest for up to two of these events on the Registration Form.

Possible events for AGM participants on Sunday are: a moderate five hour (return) hike (plus 1 1/2 return travel) to Alone Mountain (elevation 2779 feet/ 848 metres) or a shorter, easier three hour hike (return) hike (plus two hours return travel) on Ripple Rock Trail (Campbell River area) to a bluff overlooking Seymour Narrows and Discovery Passage.

Billeting: billeting for people for Friday and Saturday nights can be accommodated by Club members or if you prefer, accommodation can be arranged at a local hotel or motel. Also, for those who might be arriving by RV/motorhome or would prefer to tent, space can be arranged at nearby Maple Pool campsite.

Map: a map locating the Friday night get-together and the AGM sites, along with further details, will be sent out to all registered participants in early June.

Deadline for Registrations: May 31, 2002 in order for the registrations to reach the CDMC by June 5.

For more information contact Ken Rodonets 250-336-2101 or Keith Sequin 250-338-9022, fax 250-338 9049.

FMCBC AGM REGISTRATION FORM
22 June 2002

Hosted by: Comox District Mountaineering Club, Courtenay, BC

Please fill out and return to CDMC, POB 3832, Courtenay, BC, V9N 7P2 by 31 May 2002 (in order to reach CDMC by 5 June 2002), along with cheque or money order in appropriate amount made payable to Comox District Mountaineering Club.

name of participant	club affiliation
mailing address	phone number

I will be bringing my spouse/partner: _____
name

Date arriving: _____ **Will attend Friday night BBQ**

I/we will require billeting with the CDMC members for **one, two** nights (please indicate by circling).

Require other type of accommodation (please specify below).

I am interested in the Alone Mountain Hike on Sunday (please check) or
the **Ripple Rock Trail Hike** (please check). See information page for details.

My spouse/partner, who will not be attending the Saturday meeting, would be interested in the two hour (return) **Rosewall Creek Hike , Courtenay Museum Tour , Puntledge Fish Hatchery Tour , Air Force Museum Tour** . Please indicate up to two.

Full registration fee (including lunch and supper):

@ \$20.00 ea X _____ = \$ _____
no. of persons

Require lunch only @ \$8.00 ea X _____ = \$ _____
no. of persons

Require supper only @12.00 ea X _____ = \$ _____

TOTAL = \$ _____

Note: Persons not participating in the meeting are on their own for lunch, but are welcome to attend the supper and evening activities.

RARE PLANT COMMUNITY TRACKING LIST

The Conservation Data Centre (Ministry of Water, Land, and Air Protection, Victoria) published a Rare Natural Plant Community Tracking List for the Squamish Forest District in August 2000. It contains 19 red and 13 blue listed Plant Communities for the District. We will try to find out if our research areas contain such endangered or threatened plant communities.

This winter, I look forward to working together with our new volunteer, analyzing and interpreting the collected data, publishing the educational brochures and preparing a slide show!

Thanks to our sponsors and everyone who helped making this project work!

Thanks specifically to the VNHS for their financial support in early summer, which helped to continue field trips throughout the summer and the Mountain Equipment Coop for the grant. Thanks also to Pat Harrison of the FMCBC for his constant support and John Clarke for all the rides to the research area in his Volvo.

CWMS CORNER

CANDA WEST MOUNTAIN SCHOOL

By Brian Jones, Manager

One of the many tasks that the FMCBC undertook on behalf of club members in the early 1970's was to facilitate mountain safety instruction for members. Initially this was done by coordinating the efforts of skilled and dedicated volunteers that were willing to teach less experienced club members. As the outdoor education industry evolved over the years, the FMCBC Instructional Programs also evolved. Eventually, paid instructors were hired to run courses, with volunteers continuing to support key programs. During the late 1980's an increase in the number of local professionally trained Guides coupled with demand for quality mountain safety education by non-club members led to the *FMCBC Instructional Programs* becoming *Canada West Mountain School*. In 1990 CWMS opened all programs to the public (maintaining discounts for FMCBC Club Members) and employed trained instructors for all activities.

At the time that the FMCBC adopted the name Canada West Mountain School for the Instructional Programs, guiding and instruction in mountain safety was a very small industry in Southwest BC. Climbing was still considered a fringe sport, and there were very few accepted standards established for any mountain recreation. Most

activity was by individuals or club based trips. The Outdoor Adventure industry has seen an incredible growth since that time, with approximately 25 Guide-training programs across BC, numerous independent companies offering a huge variety of activities and operators from all over the world visiting BC with inbound guests to enjoy our wilderness and mountain regions.

Throughout this past decade, CWMS has continued to stay at the leading edge of the industry as it has grown. We employ the best guides and instructors, and ensure that our programs are of the highest quality. Our safety record since 1990 is virtually unblemished, with no serious incidents or accidents on any CWMS Program. We are still the largest Mountain Safety School offering skills-based programs in BC, and have established an excellent reputation providing some of the best educational programs in BC.

Looking to the future, CWMS is in the process of expanding services beyond our traditional offerings of Instructional programs to a local market. Activities that are more experiential in nature have become in higher demand, while international visitors are also more likely to show interest in guided style objectives rather than instructional. As we all know, BC has much to offer that is difficult to find anywhere else, and more and more people from around the world will travel to our province to experience our backyard. Canada West Mountain School is perfectly positioned to take advantage of our strong reputation, established programs, central location and loyal guides to attract a larger market to a new and expanded program.

The traditional Instructional Programs of CWMS will continue, as will our strong involvement with FMCBC Clubs. CWMS is still a division of the FMCBC and has enjoyed a long standing and healthy relationship with many clubs through providing skills courses and training, and will continue to build on this role within the FMCBC.

Two decades after the FMCBC embarked on delivering the first structured Mountain Safety training programs in southwestern BC, Canada West Mountain School continues to forge ahead with new initiatives in it's goal to being the premier center offering mountain experiences in Western Canada.

Club Discounts for CWMS course

In preparation for this upcoming summer, Canada West Mountain School would like to remind all FMCBC clubs and members about the services that CWMS provides:

- All members automatically receive a 10% discount (up to \$25) off the price of any scheduled trip or course that is listed in the CWMS brochure.

- CWMS will arrange any course or trip specifically for clubs and members.
- Clubs organizing group courses through the CWMS will receive greatly reduced rates.
- CWMS can provide Guest Speakers for club meetings and for technical workshops.
- Leadership training courses developed specifically for volunteer leaders are available to all clubs. These have been developed and run through CWMS for over 15 years.

In Memoriam

On January 24, 2002, the west coast climbing and guiding community lost a great friend, guide, and mentor. Brent Mathieson tragically lost his life in a car accident on the Duffy Lake road while driving to work. Brent will be remembered by everyone who came in contact with him as an individual of high integrity, strong values, and honesty. Brent taught for Canada West Mountain School throughout the 1990's on all programs, bringing his much valued perspective and input to our courses. Brent was one of the few West Coast guides and instructors certified as a Mountain Guide through the Association of Canadian Mountain Guides and the International Federation of Mountain Guides Association, the most highly regarded training and certification possible in the outdoor industry. We will all miss Brent greatly.

Rentals

We have a few items that may be of interest to clubs and members that are often available for rent. If you are interested in any of this gear, please call our office to discuss prices and details.

- 9' X 12' cabin style tent, complete with heater and insulated floor.
- Satellite phones.
- Avalanche beacons.
- Ice axes and technical ice-climbing tools.

Thank you's

Canada West Mountain School thanks Coast Mountain Sports for their generous support of our winter 2001/2002 programs. Through their sponsorship, Coast Mountain Sports made possible five Avalanche Safety Clinics that were run in March free of charge to participants. They also supported our general program.

G-3 (Genuine Guide Gear) supports our winter program with their contribution of avalanche probes – thanks to Oliver and G-3 for their support!

A sincere and deep 'Thank you' to each and every instructor that worked on our programs this winter – you are the cornerstone of our programs! Simon Austen, Paul Bern-

COMPUTER SYSTEMS SOLD AT WHOLESALE PRICES A SPECIAL FOR FEDERATION OF MOUNTAIN CLUBS OF BC MEMBERS, FAMILY & FRIENDS!

C & C Solutions primary focus is putting together Commerce and Charity; to help the consumer by providing a great computer system but also by supporting Charities and Non-profit Groups that interest/involve the consumer. That's why this situation is truly a Win – Win.

What you get is:

- High quality computer systems sold at wholesale prices directly to you
- Custom designed systems that include a 1 or 3 year limited warranty
- Get honest answers to your questions and get the system that you actually need
- Receive excellent customer service, save time & money, avoid pushy commission based sales people
- Computer systems by COMTEX Micro Systems Inc. – providing local sales and service since 1983

An additional \$300 above the wholesale cost of the computer is charged and gives you the following:

- In home quotation and custom design of your computer system
- Delivery and set up of your computer system to your home
- Free instruction in the usage if your computer system and the software provided OR instruction in the program if your choice
- 1 Year – Next Business Day – On Site Warranty Service – with a local Service Depot to serve you

How does the Federation of Mountain Clubs of BC benefit from your PC Purchase ???

From every PC sold to a Federation of Mountain clubs of BC member, friend, family or referral \$50 will be donated back to the Federation of Mountain Clubs !!

For more information and a free quote on a system of your choice contact:
Curtis Barber @: 604-551-5550 or email: mail@curtiswbarber.com

sten, Thierry Cote, Sean Easton, Dave Gauley, Simon Grafton, Geoff Craighton, Aadam Diamond, Kai Hirvonen, Jonathon Hocking, Andrew Kerr, Alistair King, Carol Kucel, Toran Savjard, John Stamp, Graham Underhill, Niko Weis, and Bruce Wilson are all part of our winter team that makes our programs as excellent as they are.

Thanks to all the members and clubs of the FMCBC that continue to support the Canada West Mountain School, with special thanks to Liz Scremin of the Alpine Club of Canada – Vancouver Section and Peter Woodsworth of the North Shore Hikers for arranging abalanche courses for their members through CWMS.

THE WILDERNESS EDUCATION PROGRAM



Editor's note: The Wilderness Education Programme is on hold for the time being. John Clarke, the mainstay of the programme, underwent an operation several weeks ago for a non-benign brain tumour. His operation went well and he is doing well as I understand it. We are starting a Help John campaign to help pay the bills. If you feel you can donate some money, please send a cheque to Lisa Baile at 3116 West 3rd Avenue, Vancouver, BC, V6K 1N3.

Below is the article that was submitted prior to John's operation.

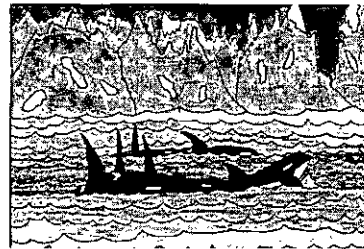
WHAT'S UP WITH WEP?

By Lisa Baile
Program Coordinator

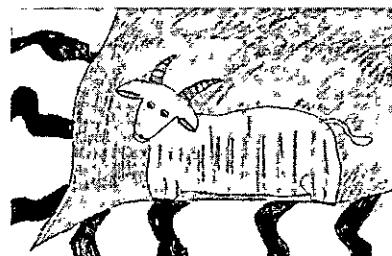
The Wilderness Education Program's (WEP) fifth year in the schools was exceptional. Thanks to John Clarke's incredible energy, dedication and enthusiasm, and the addition of a computer and other hi tech goodies to WEP's home office, we were able to reach a greater number of students and teachers than in previous years. From September 2000 to September 2001 over 7000 students and teachers participated in WEP. John provided some 250 classes with his inspirational talks and slide presentations, 16 one-day nature hikes, 4 multi-day hiking and camping trips, and 8 workshops for teacher's conferences and professional development days.

Of course, what makes WEP so unique and irresistible to both students and teachers is John Clarke – BC's best-known explorer and mountaineer. John brings wilderness live to the classroom through his slide presentations and talks, as is evident by some of the comments and drawings of the students:

"I liked the picture of animals the best because my favorite thing are animals. My favorite picture was the picture of the killer whales. The grizzly bear was pretty cool too. The baby deer was really cute. I also liked the pictures of the mountains and snowfields. They were very beautiful. I also liked the volcano. The music was very nice. It matched the beautiful pictures" *Andrew, Grade 6*



"The mountain goat looked really cool with the snow-capped mountains in the back! I think [John's] presentation was really interesting because I never knew B.C. as a place with all those beautiful sceneries." *May, Grade 7*



John's wilderness outings also provide that irreplaceable hands on experience for the students, and for many leave a lasting impression:



"John Clarke was the craziest and most amazing guide we could have hoped for. His jokes and stories made the trip all worth it. . . . this trip is the most memorable outing of my life and I hope that one day everyone will be able to experience the bonding between friends, the mental and physical challenges, and the beauty of nature that I have experienced on this trip." *Chris, Grade 10*



Among educators, John is known for his balanced views, unique sense of humour, spectacular images, and well-researched presentations. Here's what some of them like about his presentations:



"Pictures to fall into – life size. I felt like I had escaped into the wilderness".

"Everything! . . . You taught us about our planet Earth in the best of ways. You didn't talk down to the kids, but you didn't talk over them either".

"[John's] gentle, respectful attitude towards wilderness and nature".

Kids and teachers alike love John! He has an unending enthusiasm and capacity to share his unparalleled knowledge with them, distilling his decades of wilderness exploration and thousands of beautiful photographs into a captivating, inspiring, and often-hilarious presentation. He brings wilderness to youth, many of whom have never been outside an urban setting, stimulating their curiosity and sense of wonder about our wild places.

HOW TO FIND US

If you are a teacher, student or parent and want to book a class, hike or workshop - or would like to know more about WEP you can reach us at 604 732 0509 – or send an email to Lisa, Program Coordinator: lbaile@mrl.ubc.ca

WHO SUPPORTS WEP

Alpine Club of Canada, Vancouver Section, The BC Mountaineering Club, Toronto Dominion: Friends of the Environment Foundation, and most importantly - all your generous personal donations. Thank You!

WEP NEWS

WEP Also produces a newsletter twice a year. If you'd like to receive the upcoming Fall-Winter issue please contact Lisa (see above) and give us your mailing address.

HOW TO HELP US

If you would like to support WEP please make a [tax deductible] donation to: Federation of Mountain Clubs of BC, WEP. Please mail your cheque to: WEP, 3116 West 3rd Avenue, Vancouver, V6K 1N3

GENERAL NOTICES

A: FUNDING

THINKING OF A LEGACY FOR WILDERNESS RECREATION?

By Pat Harrison, Executive Director

When you plan your charitable giving, you can make an important difference in protecting BC's wilderness recreation and natural heritage. There are many ways to help the Federation of Mountain Clubs of British Columbia to advocate for the values of a non-motorized wilderness and recreational experience. You can make a difference for years to come by:

1. **Planned Giving.** Leave a bequest (money, stocks, bonds, living trust) to the Federation of Mountain Clubs.
2. **Insurance Policies.** Take an insurance policy out with the Federation of Mountain Clubs as the beneficiary.
3. **Donations.** If you can spare some extra cash, donations are always welcome to help the Federation of Mountain Clubs to carry on its advocacy and trail programmes. Or perhaps you have some collectibles that you could sell on Ebay and donate the money to the Federation. Since the FMCBC is a charitable organization, charitable tax receipts can be issued for any donations received. The FMCBC can also accept donations via VISA or Master Card.
4. **Finally,** if you have some Canadian Tire 'money' kicking around, we sure could use it to purchase tools for the members of the Adopt-A-Trail Programme. If you are not using it, please send it our way. Thank you.

As a Charitable Organization, the FMCBC can participate in a planned giving programme. Advocacy costs considerable money as do trail maintenance programmes. The FMCBC would appreciate your additional assistance. Thank you.

STOCKS THAT ARE BENEFICIAL

Ottawa, October 12, 2001

Special Federal Tax Assistance for Charitable Donations of Publicly Traded Securities Made Permanent

Finance Minister Paul Martin today announced a proposal to make permanent the 1997 budget measure that provides special tax assistance for donations of publicly traded securities to charities. This measure was scheduled to expire on December 31, 2001.

Under the measure, the amount included in the income of a donor for capital gains tax purposes arising from certain donations of publicly traded securities to public charities is one-half the amount included for other capital gains.

"From the data available, it appears that this measure has been an effective additional incentive for people to make donations to charities," said Minister Martin. "This is exactly what the measure was designed to do."

Data for the 1997-2000 period show that both the number and the value of donations of securities have significantly increased. They also show that a broad range of charitable areas education, health, religion, welfare have benefited from it. These results are consistent with those reported in a study commissioned by the charitable sector.

The Government intends to continue to work with the charitable sector to determine whether there is an appropriate and cost-effective basis for broadening this measure beyond its current application.

Under the federal governments five-year \$100-billion tax reduction plan, the capital gains inclusion rate was reduced to two-thirds from three-quarters as of February 28, 2000, and to one-half from two-thirds as of October 18, 2000.

Today's announcement also applies to certain donations of securities acquired by an employee through a stock option plan.

The Minister indicated that legislation to implement this announcement will be introduced in Parliament at the earliest opportunity.

For further information: Bill Murphy
Personal Income Tax Division
(613) 996-6783 Karl Littler

Senior Advisor, Tax Policy
Office of the Minister of Finance
(613) 996-7861 Harry Adams
Public Affairs and Operations Division
(613) 996-8080
Nora Layard
Tel./Fax. (250) 537-4612
Email: nlayard@saltspring.com <mailto:
nlayard@saltspring.com>

B: WELCOME

Three new clubs joined us this summer: The Mt. Remo Backcountry Society, the Columbia Valley Climbing Association, and the Alpine Club of Canada – Prince George Section. We are featuring one club in this issue and the other two in upcoming issues. A big welcome to our newest members.

From the CVCA

The Columbia Valley Climbing Association (CVCA) is a membership driven non-profit association devoted to the pursuits of bouldering, sport climbing, and alpine climbing.

General Membership funds are allocated to development and upkeep of five local climbing areas with more than one hundred and twenty five routes at these crags. In addition, we are contributing funds to the production of a local climbing guide book, written by the President of the CVCA.

We will be developing a new bouldering area near the Mummery Glacier in the spring, which lists over 40 excellent quality boulders and is only 15 minutes from the car. It is a 4 kilometre drive north of Golden and offers an excellent hike to an outstanding calving glacier if the weather turns for the worse,

We are in the process of assembling a summer work and play schedule which will be available in the spring for the CVCA members. Some of the projects we will be involved with next year include: spending two weekends camping out at the boulder fields and establishing lines with bouldering friends from all over western Canada; developing a major new climbing crag only ten minutes from Golden and constructing a biking trail to approach the eastern end of the Gothics (glacier from the Double Eddy Creek logging road). This region offers outstanding satellite peaks with excellent potential for new rock and ice route development if you are interested in

being a part of these work parties, want more info on climbing around Golden or are looking to opening up a school facility to the public, we might be able to help.

As of January 1, 2002 we have 46 members, all of which have joined since November 14th 2001.

Troy Hudson, President
Columbia Valley Climbing Association

C: IN PASSING

BOB HARRIS LONG-TIME NORTH SHORE HIKER

7 August 2001

Bob Harris, a long-time member of the North Shore Hikers, died in 1998. 2 August 2001 would have been Bob Harris's 79th birthday. It was the day the Vancouver Natural History Society planned to place a memorial plaque on the newly-named "Harris Ridge" above the Eldorado Basin in the South Chilcotin. But that morning, the ridge was shrouded in fog and a gale blew through the passes. A gathering at the camp situated in the alpine meadows below replaced the one on the ridge and people reminisced about Bob, and outstanding bridge engineer, outdoorsman, botanist, and historian. Meanwhile, a grizzly bear foraged along the slopes below the intended placement site. Had he planned to come to the party? Nobody told him it had been cancelled. No, not cancelled, just postponed. Next morning, a small group went up, put the plaque in place, and quickly retreated through the swirling mist on top to the flower-filled meadows below.

Being born in England in 1922, Bob was just old enough to see service in the Second World War with the Royal Engineers. Afterwards, he emigrated to Canada with his wife, Rita, and their two daughters were born here. Bob grew up with a love of the outdoors and, as soon as he saw British Columbia, he knew he had found the place where he belonged. The opportunities for exploring and documenting were limitless. With so much work to do, Bob never wasted a minute, and he was always completely focussed on the work of the moment.

Working for Dominion Bridge Company, Bob rode the W.A.C. Bennett boom as British Columbia was opened up with roads and bridges. Wherever his work took him, he made time to research the natural and human history,

CLOUDBURST PUBLICATION

In an effort to keep our costs under control, the Cloudburst will be published twice a year. The amount of content being contributed by our members will continue to be the same (between 64 – 70 pages), but the cost of postage will be reduced by \$1,722. We regret very much having to do this. As we are short of staff, this will allow us to reduce the workload on our current staff. It takes considerable time to produce a Cloudburst issue. In addition, we have a commitment to our members to stay within our budgeted amount of money. We hope this situation will improve in the future.



SKYLINE HIKERS OF THE CANADIAN ROCKIES

A NON-PROFIT SOCIETY ESTABLISHED 1933

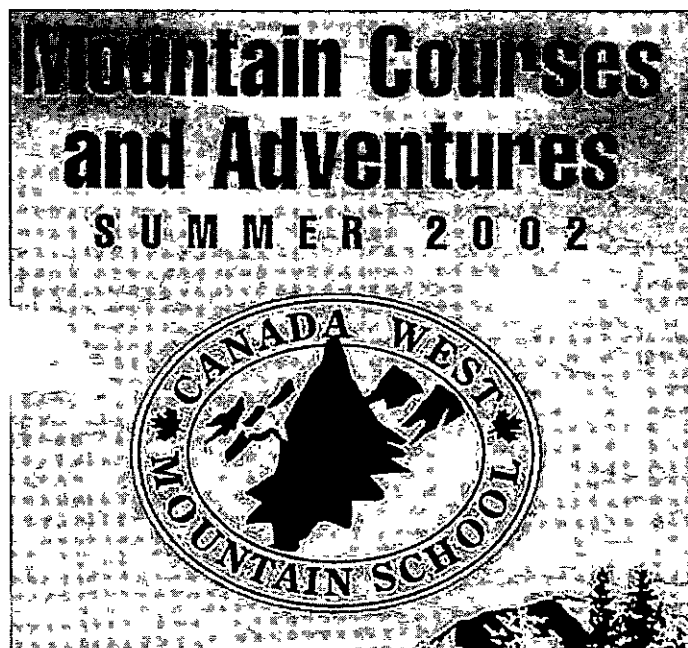
OFFERING FIVE-SIX DAY WILDERNESS HIKING CAMPS

P.O. Box 3814
Spruce Grove, Alberta
T7X 3B1

Telephone: 403.389.6272

Fax: 780.962.5638

Email: skyhiker@telusplanet.net



A
G
M
22 JUNE
2002
Comox, BC.
Start Planning.

and he got the bridge built too. Trails were Bob's particular interest. He spent years retracing and researching the old Brigade Trails and used some of this information in developing the Centennial Trail (1971) and in preparatory work for the Trans Canada Trail, a millennial project.

Those who accompanied Bob on these exploratory forays described him as being impervious to discomforts of all kinds, even mosquitoes. While others batted and swatted, Bob ploughed on regardless. A colleague from his regiment in 1944 reported that Bob was just the same under fire. He simply ignored bullets that came zinging past as he carried out a bridge inspection to ensure it was safe for the troops to cross.

The military discipline stayed with Bob. His engineering notes and maps were impeccable. A trip log was always accurate to the minute, so at 7:04 a.m. on Sunday, 24 July 1977 he recorded "having a heart attack". However, he got to the hospital, made an amazing recovery over many long hard months, and carried on working. By this time Bob had left Dominion Bridge. He took his wealth of experience to Buckland and Taylor, Ltd., Bridge Engineers, and he never did retire except in the summer when trail work took precedence.

It is fitting indeed that a piece of this Province, which he loved so much, be named for Bob Harris, particularly that part of the South Chilcotin, which hopefully will soon assume Park Status, something Bob fought for long and hard. The plaque reads:

Harris Ridge
R.C. (Bob) Harris, P.Eng.
1922 - 1998
Historian and Naturalist who researched
and located historic trails in British Columbia

Vancouver Natural History Society

LEN CHATWIN

Dear Friends at FMCBC, it saddens me that my husband Len died on Dec 4, 2000. Len was a life member of both the BCMC and the ACC. He joined the Alpine Club in 1944.

Sincerely,

Norma Chatwin

D: MEETING NOTICES

ANNUAL GENERAL MEETING JUNE 22-23, 2002

Although we haven't finalized all the details, the Comox District Mountaineering Club (CDMC) has been working diligently to prepare the events and venues for the upcoming AGM so remember to mark this date on your calendar.

BOARD OF DIRECTORS

Date: 23 Jan 2002
20 Mar 2002
22 May 2002
Location: 47 West Broadway,
Vancouver, 7:30 pm
Date: 23 Jun 2002 (AGM)
Location: Comox, BC
Host: Comox District
Mountaineering Club

RECREATION AND CONSERVATION COMMITTEE

Date: 21 Jan 2002
18 Feb 2002
25 Mar 2002
22 Apr 2002
20 May 2002?
Location: Check with office, 7:30 pm

TRAILS COMMITTEE

Date: 14 Jan 2002
25 Feb 2002
18 Mar 2002
15 Apr 2002
22 May 2002
24 June 2002
22 July 2002
16 Sep 2002
21 Oct 2002
18 Nov 2002
Location: Usually at 47 West Broadway,
Vancouver, 7:00 pm
Check trail minutes for details.

LOWER MAINLAND DELEGATES

Date: 23 Jan 2002
23 Jan 2002
20 Mar 2002
22 May 2002
Location: 47 West Broadway,
Vancouver, 7:00 pm

ISLAND DELEGATES

Date: 13 Apr 2002
Nov 2002
Location: Bowron Park,
Nanaimo, 9:30 am

E: ANNOUNCEMENTS

ACC TO REPLACE CLASSIC HUT

The Alpine Club of Canada - Vancouver Section is planning to replace its Red Tit Hut located on the Serratus-Dione Cole in the Tantalus Range near Squamish. This is a popular area for mountain climbers with many routes on Tantalus, Dione, Serratus and other peaks being accessible from the hut. Our vision is to create a practical and welcoming hut with comfortable amenities in the Serratus-Dione Col that will serve the mountain community well and stand as a fitting memorial to mountaineer and guide Jim Haberl. A series of meetings are anticipated this winter/spring to begin the actual design work. If you have any comments or concerns, input or expertise to offer, please consider joining the hut's Advisory Group. Advisory Group members will be notified of all developments and up-coming design meetings. Sign up is easy on the project's website at www.jimhaberlfund.org. If you don't have e-mail, please call Manrico Scremin at (604) 921-2651 (h). Everyone is welcome to check the website for general progress reports.

F: CORNER PUB

Many of our clubs publish great books on hiking and other activities. Here are some of them:

- Nootka Island by Pal Horvath (Comox District Mountaineering Club)
- *103 Hikes of Southwest BC* by Jack Bryceland (BC Mountaineering Club)
- *109 Walks of Southwest BC* by Mary Macaree (BC Mountaineering Club)
- *Hiking Trails I, Victoria and Vicinity*, Susan Lawrence Editor (Vancouver Island Trail Information Society)

- *Hiking Trails II, South-Central Vancouver Island and Gulf Islands*, Richard K. Blier, Editor (Vancouver Island Trail Information Society)
- *Hiking Trails III, Central and Northern Vancouver Island and Quadra Island*, Under revision.
- *Trails of Prince George and Vicinity*, Dave King, Editor (Caledonia Ramblers)

WRITING

FMCBC WRITING ISSUES LIST

By Pat Harrison and Mark Grist (VOC)

Issues to write your MLA and other politicians about are:

GENERAL ISSUES

1. **LAW BC (Lands and Water BC), formerly BCAL (BC Assets and Land Corporation) and their commercial licensing procedures.**

LWBC was set up for one reason only: to make money for the government coffers. This often puts them in conflict with good land management decisions because money is critical to the government right now. Currently, LWBC is issuing commercial motorized licenses in areas where non-motorized activities have been recommended by their own consultants or where the Ministry of Forests (MOF) or the Ministry of Water, Land, and Air Protection (MWLAP), formerly the Ministry of Environment, Lands, and Parks (MELP), have recommended non-motorized activities. This includes the Tri-couni-Cloudburst area where they have allowed snowcats into traditional cross-country ski areas. Is the Brew Hut area next (owned by Varsity Outdoor Club of UBC)? LWBC is also pressing to allow CSA (Canadian Snowmobile Adventures) tenure in the Callaghan valley area where currently there is a tenure held by Powder Mountain Wilderness, a cross-country ski commercial area. Whistler is also contemplating recommending the Callaghan Valley for non-motorized activities as the 2010 Olympic nordic ski activities would be held in this valley. Recommendation: all LWBC licences should be approved by the agencies governing the Crown Land (MOF, MSRM, MWLAP) and be part of a public land use process.

2. **Keeping snowmobiles out of our Provincial Parks:** In the BC Snowmobile Federation's trail initiative, one of their goals is to gain access to all public land, including parks. Most of our members have been caught off guard by this initiative as they believed Provincial Parks sacred. Well, as we have seen in Cypress, Seymour, and Silver Star, our parks are up for sale. Anything to make a buck. We believe the government believes that snowmobiles generate more business than non-motorized (snowmobile machines, gasoline, motels, and restaurants). However, crude estimates put snowmobiles users at 20,000 and hikers at about 350,000. MEC generated \$146 million last year. The government has been convinced by the motorized industry and users that they count more because they generate more money. Is money all that counts? **Recommendation:** tell the government to lay off the parks. They are there for reasons other than recreation (wildlife, special ecosystems, etc.)

VANCOUVER ISLAND ISSUES

2. **Mt. Arrowsmith protection.** As I understand it, Mt. Arrowsmith was donated by MacMillan Bloedel for public access. There have been many attempts to block public access by the ski operator in the Mt. Arrowsmith Massif area over the years. The ski operation has gone out of business because one out of five years there is not enough snow and one out of five years the snow is too deep. Although all of the area in the Mt. Arrowsmith area is within the Nanaimo Regional District, the area immediately surrounding Mt. Arrowsmith is owned by the Alberni-Clayoquot Regional District. The ACRD desperately wants to develop a Whistler-like development, even though the conditions don't warrant it. Even TimberWest has turned down the sale of one of its TFL (Timber Forest Licence) areas where the ACRD wants to put the development. On the rest of the area, the NRD has recommended a regional wilderness park. **Recommendation:** push for the entire area be put into the regional park concept.
3. **Nootka Island protection:** FMCBC members of the BCMC, the ACC, and CDMC have long used the Nootka Trail on the West Coast of Vancouver Island. Although not formally recognised on maps, the trail has existed for years. The Comox Regional District Mountaineering Club did some basic brushing of this trail this year and was about ready to publish an article in the cur-

rent issue of Cloudburst. Last year an employee of the Ministry of Forest threatened to sue both the CRMC and the FMCBC if the article were published. The FMCBC contacted the West Coast Environmental Law firm to review the case. Their initial reaction was that this was a form of intimidation to keep people away from Nootka Island. We can only guess at their reasons. The map produced under the banner of the FMCBC by member clubs BCMC and ACC has increased visitation tremendously. The reason behind the map was to increase the public awareness of this beautiful area. It appears to have worked.

4. **Elaho Valley:** The Elaho has some known rare species of plants and animals. Before it is entirely logged, we think the most prudent course would be to do an inventory of the flora and fauna. We also think an economic study should be done to see if ecotourism is a more long-term form of employment for the people of the Squamish First Nations and the City of Squamish. Only about 15 years worth of logging remains in the valley. Currently 16 loggers are employed by Interfor in the field. Their mill employs approximately 160 based on this logging. **Recommendation:** do biological and economic inventory of the Elaho before it is too late. Areas like the Elaho also provide genetic pools in case genetic engineering goes awry. The FMCBC is currently working with Interfor on this issue.

5. **Non-motorized use in the Tricouni-Cloudburst area:** This area is one of the few remaining areas remaining that provides non-motorized experiences within a day distance from Vancouver. As most cross-country skiers have been driven out of the Brandywine and Callaghan drainages to the north by snowmobile use, this area is one of the few remaining refuges for non-motorized recreationalists. LWBC is currently approved the tenure application of the Powder Mountain Snowcats. PMS uses motorized snowcats to transport downhill skiers into this area. Once the grooming for these snowcats is there on a regular basis, snowmobiles have followed. Brew Hut will be at risk to motorized activity. VOC has had its hut in the Brew Hut area since 1982. **Recommendation:** write LWBC (Land and Water BC) to keep this area for the non-motorized recreationalists, particularly in the Brew Hut area.

6. **Zoning of the backcountry for some non-motorized recreational use:** As mentioned above, snowmobilers want access to all public land. Most of our members feel that public land needs to be zoned between motorized and non-motorized. In order for most of our members to have a valuable experience, they do not want noise or pollution in their experience. **Recommendation:** the government must zone public lands to protect values enjoyed by the 350,000 or more non-motorized users.
7. **Keeping Garibaldi Provincial Park non-motorized.** According to government sources, snowmobilers are actively lobbying government and MLAs to permit motorized recreation in Garibaldi Park. They are especially lobbying for a route through the Park to enable them to snowmobile from Squamish (Brohm Ridge) to Whister (Cheakamus Valley). They argue it will provide economic and tourism benefits to the communities.
8. **Recognition of the National Trail by the Provincial Government:** The FMCBC with the help of the Alexander Mackenzie Trail Society, the Telegraph Preservation Society, the Friends of Barkerville, the Fraser Headwaters Alliance (Fed Member), the Caledonia Ramblers (Fed Member), the Prince George Backcountry Recreation Society, the ACC-Prince George section (Fed Member), and the UNBC Outdoor Club have put together a viable hiking trail from Bella Coola to Crescent Spur with the exception from Quesnel to Bowron Lakes. This is a unique opportunity to promote a hiking trail similar to the Pacific Crest Trail, the Appalachian Trail, and the Bruce Trail (part of the National Hiking Trail). We need public pressure to make the government understand that this trail is farther along than its sister trail, the TCT. The National Hiking Trail will benefit the communities it will pass through (Bella Coola, Quesnel, Wells, Crescent Spur/McBride). **Recommendation:** Write Stan Hagen to recognise this trail as a national treasure.
9. **Keeping ATV's out of fragile alpine environments:** More and more members of the non-motorized community and naturalist community are becoming alarmed about the invasion of ATVs into fragile alpine environments. The government must zone the alpine zones off limits to motorized activities or else these environments will be lost in a few years. It takes years to grow some of the plants in the alpine because of the environmental conditions. **Recommendation:** keep motorized activity out of the alpine. Period.
10. **Manning Park:** Master Plan for this park is currently open for review. Items of concern are the increase in the expansion of Manning Park Lodge, exclusive use of Park Cabins by the Equestrian Groups who maintain trails in the Park, and new proposed mountain bike use on the Poland Lake trail/.
11. **Cypress Park:** Extensive clearcutting of 700-1500 year old trees (55 hectares so far) to make way for more car parking, restaurant on top of Strachan, nordic ski and tubing runs (many, many runs). The old growth trees in Cypress are one of the few areas accessible to the multitudes of Vancouver which don't require a difficult. The start of the Howe Sound Crest trail is now being re-routed down the pump house road and no longer allows older hikers to stroll through old growth forest. Cypress park forest continues to be fragmented at the expense of wildlife. Much wild habitat has been lost to birds that require insect in decaying old growth trees. Less than 40% of the old growth forest is now remaining since the park was proposed and set aside as a park reserve in 1944. Robert Bateman states that our children now can recognise over 1000 corporate logos, but fewer than 12 bird species.
12. **South Chilcotin: Urgent Call for Action Rally to Save the South Chilcotin – "Spruce Lake" and Adjacent Wilderness Areas – Your Attendance is Urgently Needed:**
 - Thursday, April 11th, 2001
 - 7:30 pm, Open house at 6:30 pm
 - Point Grey Secondary School Auditorium 5350 East Boulevard (37th and Arbutus) Vancouver, BC

Come to be inspired by speakers and slides that will show the beauty and wilderness of the Lillooet area.

Sponsored by:

 - Canadian Parks and Wilderness Society
 - Federation of BC Naturalists
 - Federation of Mountain Clubs of BC
 - Friends of the Rainshadow
 - Sierra Club of BC, Southern Chilcotin Mountains
 - Wilderness Society, Western Canada Wilderness Committee.

Background:

For the past five years conservationists have been working with the Lillooet Land and Resource Management Planning Team to try to convince this group that protected areas should be designated to protect the spectacular wilderness and wildlife of the Lillooet region, north of Whistler and Pemberton. Last year the government designated the Southern Chilcotin Mountains Provincial Park, but has not yet created the other parks agreed to by LRMP members. The Liberal government has been reviewing the LRMP recommendations and the Ministry of Sustainable Resource Management is preparing a new plan. We need your help to convince the government to honour the plan decided on by the previous government. Our window for government decisions is in April 2002 so this is our last chance to "Park" this wilderness paradise.

We need you to attend this meeting and to call and write the Premier to urge him to complete the government promise of protecting the Southern Chilcotin and other wilderness areas in the Lillooet region!

Southern Chilcotin "Spruce Lake" Provincial Park Designated last year, just before the election, this park is at risk. BC Parks has rated this park as their first priority in the Lillooet LRMP and rates it as high or higher than any existing provincial park or proposed protected area in the southern interior of the province. Conservationists first proposed a large Park here in the 1930's but over the years Slim, lower Gun, Taylor, Paradise and Relay creeks have been logged.

The park designated last year is about 70,000 ha and includes these mostly unlogged valleys: Leckie, Gun and Tyaughton. The forest industry and some miners want to reduce the size of the park and remove some of the best hiking territory in Tyaughton Creek.

Spruce Lake area is a focal point for wilderness recreation. The many easy hiking trails provide some of the best backcountry adventures in the province. The Southern Chilcotin supports a large population of wildlife including mule deer, Grizzly bear and California big horn sheep. The extensive alpine meadows support floral diversity that is amongst the highest in B.C.

Crown of the Cayoosh The ridges and sub-

valleys on the northwest side of Cayoosh Creek are home to Grizzly bear and one of the largest concentrations of mountain goat in B.C. Lost Valley and adjacent areas need protection from industrial use and from increasing recreational use. Melvin Creek is the site of a proposed downhill ski area. Cayoosh Resorts has preliminary approval for a resort but the Lillooet Nation is protesting with road blockades. We are concerned that the cumulative developments from the proposed resort will have a negative impact on the threatened Grizzly Bear population. **Yalakom Creek** Unsustainable clearcut logging has pushed further and further up this valley. The local Yalakom residents want ecosystem based logging to replace the industrial forestry that is currently the mainstay of the Lillooet economy. We support them in their campaign to protect this important valley for wildlife, tourism, recreation and sustainable forestry. Protected areas are proposed in Yalakom Creek, Antoine/Fred Creeks and the Shulaps alpine basin.

Write and call:

- Premier Gordon Campbell,
- Hon. Stan Hagen, Minister of Sustainable Resource Management
- Your MLA and as many cabinet members as possible!

Parliament Buildings,
Victoria, V8V 1X4

Call (800) 663-7867 or (604) 660-2421 and ask for the Premier's office.

13. **Goat River Trail:** Now listed as one of the most endangered rivers in B.C. It also is part of the National Hiking System. The Goat River Trail is suppose to be maintained according to the LRMP (Land Resource Management Plan) for that area and no roads are suppose to be cut along this salmon bearing stream. Caribou are also at risk if logging is permitted.

14. **Elk Creek: Chilliwack's Most Precious Mountainside Threatened By Logging**

The Elk Creek Rainforest is situated just southeast of the Annis Rd. exit from Highway 1 and is a rarity in Fraser Valley South. The Elk Ck Falls rival nearby Bridal Falls as a natural landmark of significant beauty and splendour and best of all, though located very close to the heavily populated Fraser Valley, this provincial

forest land has miraculously remained relatively undisturbed.

Nature has been allowed to take its course and Elk Falls plunges through a forest that is a rich repository of plant and animal life.

Included in the interconnected web of life found in this forest are dozens of old-growth trees and several endangered plant and animal species.

Cutblocks in the current 5-year plan, including Cattermole Timber's blocks 101 and 101A at Elk Ck, threaten to fragment and destroy this rich and delicate landscape!

15. **2010 Winter Olympics** could impact Cypress Provincial Park, a road through the watershed to Squamish, and the Callaghan Valley and Callaghan Provincial Park. Right now this is a moving target until the Olympics have been awarded the July 2003.
16. **Relocation of Trailhead at Mt Washington:** Mt Washington Ski Area is relocating the trailhead into Strathcona Provincial Park to accommodate new parking for the skiing at Raven Lodge. This will force people to walk through a meadow for approximately one kilometre. By

the end of the summer, the meadow will be grossly eroded from use. The erosion could be alleviated by utilizing the trees that will be cut down to accommodate the new six seater quad chairlift for the a boardwalk. Mt Washington has stated that a new boardwalk would cost \$300,000, but Ken Rodonets of the CDMC states that the trees could be milled on site as was the Raven Lodge. Recommendation: Mt Washington should take responsibility and put in the new boardwalk.

People to write:



Premier Gordon Campbell
Parliament Buildings
Victoria, BC, V5W 8T9

Hon. Stan Hagen
Minister of Sustainable Resource Management
Parliament Building
Victoria, BC, V5W 8T9

Hon. Joyce Murray
Minister of Water, Land, and Air Protection
Parliament Building
Victoria, BC, V5W 8T9

JOIN US for some Exciting MOUNTAIN ADVENTURES!

20 Backcountry Huts in the Rockies, Canada!




Hostel style Clubhouse in Canmore, Alberta. All located in the heart of world-class hiking, rock and ice climbing, skiing & mountaineering. Hut access ranges from easy to difficult.

Starting at \$10

**Multi-day
Backcountry Trips**
Introductory to Advanced
Something for EVERYONE
Fully guided and catered starting at \$750

The Alpine Club of Canada
(403) 678-3200 ext. 1
alpclub@telusplanet.net
www.AlpineClubofCanada.ca
Mention this ad when you book your guided trip and receive a free ACC T-shirt!



The list is endless. Just a short, concise letter of just a few sentences is all that is needed. Let's not let the motorized enthusiasts outdo us in the letter writing category. If you want to send your letter by conventional mail, address all of the above to Parliament Buildings, Victoria, BC.

Pat Harrison
Executive Director

20 Backcountry Huts in Western Canada

Located in the heart of world class ice climbing, backcountry and nordic skiing. Hut to hut ski touring options. Hut access ranges from easy to difficult.



Stay in the Canmore Clubhouse



Close to Banff Rocky Mountains and 5 ski resorts. Dormitory style rooms for up to 47 people. Self contained facilities for 4 - 15 people. Kitchen, laundry, sauna, BBQ, meeting room, lockers, email & internet access.

\$10 - \$27 per night

The Alpine Club of Canada

Box 8040, Canmore, AB, T1W 2T8
(403) 678-3200 ext. 1
alpclub@telusplanet.net
www.AlpineClubofCanada.ca



137 West Broadway
Vancouver, B.C.
Canada V5Y 1P4

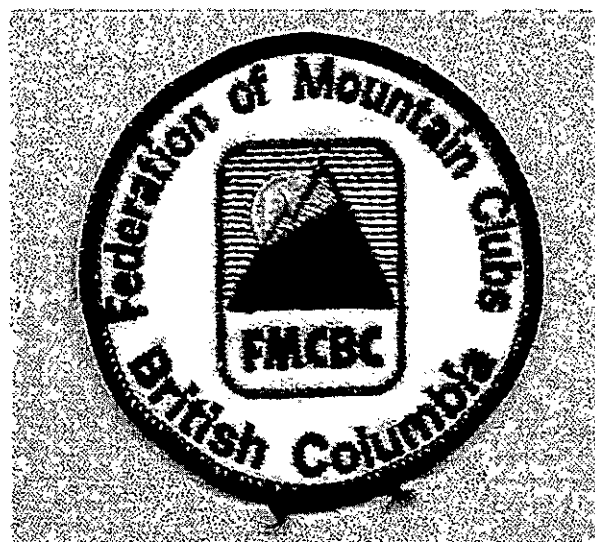
Tel: (604) 876-5255
Fax: (604) 876-3961

LOWEST PRICES IN TOWN

BACKPACKERS SHOP

183 WEST BROADWAY
VANCOUVER, B.C.
CANADA V5Y 1P4
TEL: (604) 879-4711
FAX: (604) 879-4799
www.backpackers-shop.com

PACKS - TENTS - REPAIRS - RENTALS - TRAVEL - ACCESSORIES - HOSTELLING - INT. MEMBERSHIPS - FORESTRY - CAMPING - PASSES





HOTEL AND SUITES NORTH VANCOUVER

For group or individual reservations
Call Toll Free
1-877-985-3111

JOIN US for some Exciting MOUNTAIN ADVENTURES!

20 Backcountry Huts in Western Canada!

Hosted by the Alpine Club of Canada. All located in the heart of world class hiking, rock and ice climbing, skiing & mountaineering. Hut access ranges from easy to difficult.

Starting at \$10

The Alpine Club of Canada
(403) 676-3200 ext. 1
alpineclubcanada.com
www.AlpineClubCanada.ca
Mention this ad when you book your guided trip and receive a free ACC T-shirt!

Multi-day Backcountry Trips
Introductory to Advanced
Something for EVERYONE
Fully guided and catered starting at \$750



MOUNTAIN MAGIC LTD.

Sunnyside Village
2393 King George Hwy.
South Surrey, B.C. V4A 5A4

John Davies

Owner

Phone (604) 535-5182

"The Outdoor Store That's In"



Re-waterproofing
Outerwear
Backpacks
Zippers
Tents

Ph#879-4242
Fax: 879-4799
181 West Broadway
Vancouver, B.C. V5Y 1P4

Warranty work
Gore-tex
Shoe repair
Leather
Alterations
Custom work



**COMPUTER SYSTEMS SOLD AT WHOLESALE PRICES
A SPECIAL FOR FEDERATION OF MOUNTAIN CLUBS OF BC
MEMBERS, FAMILY & FRIENDS!**

C & C Solutions primary focus is putting together Commerce and Charity; to help the consumer by providing a great computer system but also by supporting Charities and Non-profit Groups that interest/involve the consumer. That's why this situation is truly a Win – Win.

What you get is:

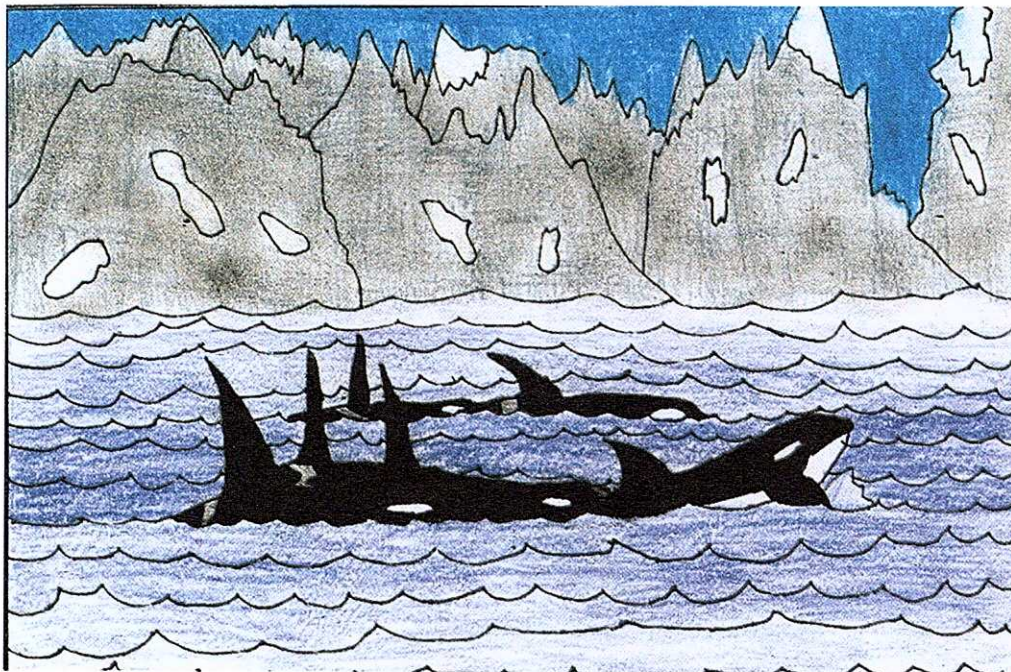
High quality computer systems sold at wholesale prices directly to you
Custom designed systems that include a 1 or 3 year limited warranty
Get honest answers to your questions and get the system that you actually need
Receive excellent customer service, save time & money, avoid pushy commission based sales people
Computer systems by COMTEX Micro Systems Inc. – providing local sales and service since 1983

An additional \$300 above the wholesale cost of the computer is charged and gives you the following:

In home quotation and custom design of your computer system
Delivery and set up of your computer system to your home
Free instruction in the usage if your computer system and the software provided OR instruction in the program if your choice
1 Year – Next Business Day – On Site Warranty Service – with a local Service Depot to serve you

How does the Federation of Mountain Clubs of BC benefit from your PC Purchase ???
From every PC sold to a Federation of Mountain clubs of
BC member, friend, family or referral
\$50 will be donated back to the Federation of Mountain Clubs !!

For more information and a free quote on a system of your choice contact:
Curtis Barber @: 604-551-5550 or email: mail@curtiswbarber.com



MEMBER CLUBS

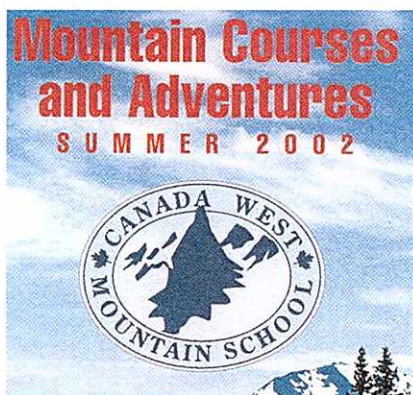
Alberni Valley Outdoor Club	250-723-9930
Alpine Club of Canada-Vancouver Section	604-878-5272
Alpine Club of Canada-Vancouver Island Section	250-477-8596
Alpine Club of Canada – Prince George Section	250-964-9853
British Columbia Mountaineering Club	604-268-9502
Caledonia Ramblers	250-564-8887
Chilliwack Outdoor Club	604-858-8510
Club Tread	250-370-0736
Columbia Valley Climbing Association	250-
Comox District Mountaineering Club	250-336-2101
Elaho Trail Society	604-873-4602
Fraser Headwaters Alliance	250-968-4410
Independent Members	604-878-7007
Island Mountain Ramblers	250-247-8868
Klister Outdoor Klub	604-543-8855
Mt. Remo Backcountry Society	250-
North Shore Hikers	604-988-9525
North Vancouver Recreation Commission	604-983-6543
Outdoor Club	ext. 2966
Outdoor Club of Victoria	250-727-0824
Outsetters Club	604-525-2129
Richmond Outdoor Club	604-273-6968
Valley Outdoor Association	604-463-2904
Vancouver Island Trails Information Society	250-474-3445
Varsity Outdoor Club	604-822-2228
Wilderness Education Programme	604-732-0509

ASSOCIATE MEMBERS

Federation of BC Naturalists
 Environmental Fund of BC
 Friends of Cypress Provincial Park
 Friends of Barkerville
 Heathens
 Kootenay Mountaineering Club
 Prince George Backcountry Recreational Society
 Vernon Outdoor Club
 Save Our Parkland Association
 Blue-Green Coalition

MOUNTAIN CLUB DISCOUNTS

JOIN THE 'CLUB' AND GET DISCOUNTS AT THE FOLLOWING MERCHANTS:



MEMBER SAVINGS: 10% discount off all courses for members of FMCBC member clubs, up to a maximum of \$25.



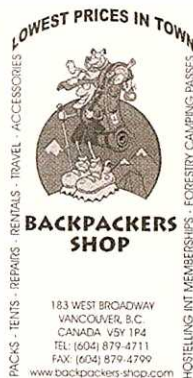
HOTEL AND SUITES NORTH VANCOUVER

For group or individual reservations
Call Toll Free
1-877-985-3111

Special rates till 2002 September 30.
Rates vary according to season and room selected. Mention FMCBC when making reservations.

CUT ON DOTTED LINE.

THIS IS YOUR
MERCHANT DISCOUNT
CARD



10% off non-discounted merchandise.



If you know of a merchant who would like to participate, please have them contact Pat Harrison at 604-878-7007, or by email at hike@unixg.ubc.ca.



137 West Broadway
Vancouver, B.C.
Canada V5Y 1P4

Tel: (604) 876-5255
Fax: (604) 876-3961

10% off on Altus labelled non-discounted merchandise.



MOUNTAIN MAGIC LTD.

Sunnyside Village
2355 King George Hwy.
South Surrey, B.C. V4A 5A4

John Davies
Owner

Phone 1604 535-5182

"The Outdoor Store That's In"

10% off regularly priced merchandise.

MOUNTAIN CLUB DISCOUNT MEMBER

Exp: 31 Dec 2002 (ID may be required by Merchant)

Mail Sales Agreement No. 102202