

Archived CMI Member Bulletins

September to December 2002

CMI Members' Update for October 4, 2002

Hello CMI Members,
Here is your update for October 4, 2002.

(I marked this email as urgent due to the tight timeline on the Job Posting.)

1. CMI News

- The spot was taken for the Wildlife Post Mortem Session (October 15) and the session is now full.
- The Mountain Caribou in 21st Century Ecosystems conference (October 16-18) will be full today or Monday.
- We cancelled the *Bryoria* course due to a lack of participants.
- A cap of thirty people has been set for three "DNA-Based Wildlife Studies" sessions to be held in Nelson on November 18-21, at the Prestige Inn.

These CMI events are coming up in the new year:

- "Climate Change in the Columbia Basin" workshop, includes a session on climate change adaptation planning, to be held in Nelson on January 17 – 18, 2003. More details soon.
- In a few weeks we will be issuing a "Call for Papers" for the CMI Annual Researchers Meeting and AGM, to be held April 29 -30, 2003 at the Blue Lake Forest Education Centre near Canal Flats.

CMI Newsletter Deadline is October 25

Our fall newsletter is coming out late because of the energy going into the caribou conference. This means there is still time for you to send in summaries of research projects, news for the members, whatever you like! Please send items in Word format to office@cmiae.org .

New CMI Corporate Member

CMI welcomes Greg Porter and Great Canadian Heli-skiing as our newest Corporate Member! This brings our number of corporate members to twenty-nine. Take a look at the list of our corporate members on the CMI web site (www.cmiae.org and look in the "Thanks to Our Supporters" section). Certainly the ecological issues now facing the Columbia Mountains need to be addressed through a number of disciplines, and this is reflected in the multi-disciplinary scope of our corporate and regular members.

2. Job Posting

Wildlife Biologist (Auxiliary)

Ministry of Water, Land and Air Protection, Nelson
Out of Service
Term October - March 31, 2003

Duties:

Under the general direction of the Senior Wildlife Biologist, this position is responsible for carrying out wildlife related duties and providing technical assistance for:

- Beginning a three year elk research project in the southern Slokan Valley, including assembling equipment for

capture and radio collaring this winter and assisting with elk capture. Public input will be a key part of this study and it will be necessary to set up initial data collection systems in the area.

- Organization of two mountain caribou Recovery Action Groups for the Kootenay
- Developing a Management Plan for the Hamling Lakes Wildlife Management Area, including data collection and assembly.
- General wildlife management activities and communication on a day to day basis

Qualifications:

Applicants must have a Bachelor of Science in Wildlife Management or related field or an equivalent combination of education, training and experience and must be in possession of a valid British Columbia driver's license and be prepared to travel. Knowledge of equipment and techniques relative to elk capture and radio collaring, use of MS Word, MS Excel database and basic ArcView GIS are useful.

A full job description is available. Applicants may contact Guy Woods at guy.woods@gems4.gov.bc.ca 250-354-6341 or by cell phone 250-354-9220 the week of Oct. 7 - 11 for further information.

Applications for this position must be received at the address below before 4:30 on the closing date, indicating the competition number. We will accept applications by mail, fax or email.

Competition: WL2002:002

Closing date: October 14, 2002

Address: Ministry of Water, Land and Air Protection, 401 - 333 Victoria St., Nelson, B.C., V1L 4K3

Contact:

Guy Woods, Wildlife Biologist

guy.woods@gems4.gov.bc.ca

Fax: 250 354-6332

3. "Global Warning" Knowledge Network Series

In 2001 the BC Knowledge Network produced a three part series titled "Global Warning: Canada's Changing Climate". This series has been rolled into one film and selected for exhibition at the New York International Independent Film Festival, the largest independent film festival in the USA. The film examines the critical issue of climate change from a BC regional perspective, and includes an interview with CMI Research Scientist Mindy Brugman. The subject is especially relevant to British Columbians where greenhouse gas emissions are growing at the fastest rate in Canada. The three part video series and classroom guide can be viewed at:

http://www.knowtv.com/know_tool/globalwarning/index.html (note it is "warning" not "warming")

4. Workshop Announcement

Forest Management, World Views and Jargon:

Looking beneath the surface at Communication and Conflict

Tuesday, October 22, 2002

9 a.m. to 2:30 p.m.

Merritt Convention Centre, Merritt BC

\$125 per person

This workshop is hosted by FORREX and will examine:

- Why do public input processes sometimes fail?
- Why do conflicts occur between natural resource management officials and others?
- What role do communication styles play in creating or perpetuating conflict?
- Why do people think the way they do?

This workshop will invite participants to examine their perspectives and communication styles through a video, interactive exercises, and presentations. As a result of this workshop, participants will learn how their communication styles affect others, be better able to deal with conflict, and be able to plan more effective public input processes. The workshop is intended for anyone participating in decision-making in natural resources in British Columbia-- including MOF, MSRM, WALP managers,

public advisory committee members, forest industry, First Nations leaders, non-government organization leaders.

For more information contact:

Shawn Morford, Socio-Economics Extension Specialist

Forest Research Extension Partnership

Victoria, B.C. V8W 1M5 CANADA

tel: (250) 363-0769 fax: (250) 363-3665

shawn.morford@forrex.org

4. Student Co-op Placements

Placements are now being arranged for the January co-op terms for students at some of the regional colleges. If you have a work experience opportunity for a student in computers, biology, administration, or some other field, it's time to contact your college. Look in the college web sites under co-op placements. Please note that CMI does not handle student placements.

Send me your news and I'll pass it to our CMI members...

From Jackie Morris

Executive Assistant

Columbia Mountains Institute of Applied Ecology

Box 2568, Revelstoke BC, Canada V0E 2S0

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http://wlapwww.gov.bc.ca/wld/documents/mtcaribou_rcvrystrat02.pdf

A "Summaries of Presentations" from the conference will be available on our web site in a month or so.

The **Wildlife Post Mortem Session** held October 15 was booked full with 15 people. We plan to run the event again next year, and make it a full day session. Helen Schwantje, the BC government veterinarian that instructed the course, sent me a list of useful web sites related to the subject. Eventually this list will appear on our web site Links section, but if you would like me to send it to you now, just send me an email at www.cmiae.org

There are only *nine spaces* left in the three **DNA-Based Wildlife Studies** sessions, to be held in Nelson on November 18-21. For details about the sessions and to register, visit our web site at www.cmiae.org and look in "Upcoming Workshops and Courses". Our instructors are Garth Mowat, David Paetkau, and John Boulanger – each a respected expert in their field. Registrants to date include people from the Northwest Territories, California, Texas and Virginia.

This week I will be posting the registration information for our **Climate Change in the Columbia Basin** workshop, to be held

in January, 2003 in Cranbrook.

By popular demand the **CMI Annual Researchers Meeting 2003** will be at Blue Lake Forestry Centre again, on April 29 and 30. We will put out a call for papers in January, although a few CMI members have already booked their presentation space. Ian Adams is coordinator for the event. You can reach him at ianadams@cintek.com 250-426-7185.

2. Contract Opportunity

The Ministry of Water, Land and Air Protection (WLAP) posted a Request for Proposal for a Biodiversity Conservation Gap Assessment project. Closing date is November 13, 2002. To view the RFP, go to the BC Bid site: www.bcbid.gov.bc.ca then choose the "by Ministry and Organization" button on the right side, then click on the link to the WLAP information.

WLAP is also setting up a list of qualified people for various tasks associated with Species at Risk activities. Closing date to be on this list is **November 7**. Info is posted on the same web site as above.

3. Publications

Understanding the links between ecosystem health and social system well-being: An annotated bibliography.
By: Elmer, Dawn M.; Christensen, Harriet H.; Donoghue, Ellen M., comps. 2002. Gen. Tech. Rep. PNW-GTR-559. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 47 p.

This bibliography focuses on the links between social system well-being and ecosystem health. It is intended for public land managers and scientists and students of social and natural sciences. Multidisciplinary science that addresses the inter-connections between the social system and the ecosystem is presented. Some of the themes and strategies presented are policy and management processes, ecosystem management, conceptual approaches, socio-cultural processes, ethics, economic perspectives and analysis, methods and indicators for assessment, and environment-human interactions. This bibliography identifies the contributions toward understanding the links between ecosystems and social systems made by historically disparate disciplines. Download it at:
<http://www.fs.fed.us/pnw/pubs/gtr559.pdf>

Draft Plan to Meet Kyoto Protocol

The Government of Canada has released its draft plan to meet Canada's obligations under the Kyoto Protocol. The draft plan was discussed at a working meeting of federal, provincial and territorial ministers of energy and the environment on October 28th in Halifax, Nova Scotia.

Read the plan and associated press releases at: www.climatechange.gc.ca

Adaptation Planning for Climate Change in Forestry, Water Resources, and Agriculture Sectors

The federal government has released three chapters of its report titled "Climate Change Impacts and Adaptation: A Canadian Perspective" (complete report available in February 2003). Adaptation planning refers to changing human activities to minimize the negative effects of climate change, and position your business to take advantage of new opportunities that may be presented with climate change. The reports present a synthesis of current knowledge in climate impact adaptation research in Canada in these sectors. The forestry, agriculture, and water resources chapters are available at:
<http://adaptation.nrcan.gc.ca/perspective.asp>

Distribution and abundance of birds relative to elevation and biogeoclimatic zones in coastal old-growth forests in southern British Columbia

Journal of Ecosystem Management, Volume 2 Number 2, 2002

Authors Waterhouse, Mather and Seip examined birds and their association with forest structure and elevation in old-growth stands distributed between 400 and 1500m elevation. Based on their analyses, the authors suggest that old-growth habitats should be represented over the entire elevational gradient and should include variation in forest structure in order to maintain observed distributions of bird species. Read it at the FORREX website:
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Linking Indigenous peoples' knowledge and western science in natural resource management: A dialogue.
Journal of Ecosystem Management, Volume 2 Number 2, 2002

First Nations knowledge keeper Henry Michel and ecologist Don Gayton engage in a dialogue on the philosophies surrounding each world view, and offer some practical guidelines for linking these two knowledge systems - something seen by Michel and Gayton as crucial to the future of forest and natural resource management in British Columbia. Read it at the FORREX web site: <http://www.forrex.org/jem/2002/vol2/no2/art3.pdf>

4. Ducks Unlimited is Looking for Other Wetland Groups

Ducks Unlimited is compiling a database of all organizations, individuals and government agencies that are working on wetland protection and conservation. This can include any activity that has a wetland component to it, for example, wetland identification and monitoring, or activities to promote changes to regulations and policy to protect wetlands etc.

If you have information to add to this database, contact:

Susanne Rautio
(250) 598 – 8175
slrautio@raptortech.net

5. Conference

Natural Resources Information Management Forum
February 5-6, 2003
Richmond, BC

To be successful in the 21st century, the natural resource sector needs effective information and knowledge management capabilities. Sound sustainable forest and ecosystem management depends on access to information and knowledge that is current, reliable and credible. FORREX- Forest Research Extension Partnership is working with a variety of organizations to improve the way natural resources information is organized and used. This two-day forum offers a comprehensive look at natural resources information management through presentations on the latest information management strategies, tools, technologies, and initiatives. Local, regional, provincial, national and international experiences will be shared. It will improve your awareness and understanding of information and knowledge management activities, and provide you with ideas on how to implement your own solutions and/or leverage the experience of others. For more information and updates visit the conference web site: <http://www.forrex.org/imforum>

Welcome to our new CMI Members! This email is sent to you as a "blind copy" to protect the privacy of our mailing list. Our bulletin reaches 250+ people.

From Jackie Morris
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One more item just in... those of you who are interested in Chronic Wasting Disease may want to know about this conference. BC gov't veterinarian Helen Schwantje claims the "crème de la crème" of CWD will be there. Nisku is near Edmonton.

Chronic Wasting Disease: "Alberta Implications"
hosted by the Alberta Cooperative Research Unit
Nisku, Alberta
January 11, 2003

The conference is for hunters, conservation officers, wildlife biologists, researchers, students, deer and elk ranchers, and veterinarians.

For more info visit: <http://www.accru.rr.ualberta.ca/index.htm>

CMI Members' Update for December 20, 2002

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Here is your member's update for December 20, 2002.

1. CMI News

Registrations are coming in for our "Climate Change in the Columbia Basin" workshop, scheduled for Friday evening January 17 and Saturday morning January 18 at the Prestige Inn in Cranbrook. Here's the info:

This workshop will present overview talks about current information on the changing climate of southeastern British Columbia and the impacts these changes are having on physical and biological systems. The concept of adaptation planning will be introduced. Participants will develop a list of current "vulnerabilities", and identify climate change related problems and opportunities. First steps will be taken to build partnerships to address local climate change issues.

This workshop is hosted by the following partners - BC Hydro, BC Ministry of Water, Land, and Air Protection, Canadian Climate Impacts and Adaptation Research Network, Columbia Basin Trust, Columbia Mountains Institute of Applied Ecology, District of Invermere, and the East Kootenay Environmental Society. For full details including the agenda and on-line registration, visit www.cmiae.org A Workshop Report will be available as a free download at www.cmiae.org in April 2003.

The Conference Report is now available for the "Mountain Caribou in 21st Century Ecosystems". You have the choice of downloading the 70 page text in a PDF file from our web site, or viewing it on-screen. Go to www.cmiae.org, look in the "Pasts Workshops" section, and look for the link to this conference (second link down on the list). In addition we have made

up a very limited number of print copies. I will mail you a print copy if you prepay with a \$10.00 cheque to cover postage and handling.

2. Species at Risk Act Given Full Royal Assent

The following is taken from a federal government press release dated December 12, 2002:

"The *Species at Risk Act* (SARA) received Royal Assent today, bringing to a close a nine-year legislative process to protect Canada's species at risk and their critical habitat. The new legislation will come into force in 2003... In the period leading up to the order in council, the Government of Canada will develop the regulations required under the Act, including regulations on compensation."

To view the full press release or read the Act, go to: www.speciesatrisk.gc.ca/index_e.cfm

3. Upper Columbia White Sturgeon Hatchery Program Relocates to Kootenay Sturgeon Hatchery

The Upper Columbia White Sturgeon Recovery Initiative, in conjunction with the Columbia Basin Fish & Wildlife Compensation Program and the Ministry of Water, Land & Air Protection, has determined that the production and rearing of juvenile sturgeon will be relocated to the new Kootenay River White Sturgeon Conservation Hatchery from the Hill Creek Hatchery, effective February, 2003. To read more about this, visit: www.cbfishwildlife.org

4. Conferences

Climate Change in the Western and Northern Forests of Canada: Impacts and Adaptations

Prince George, BC

February 17-19, 2003

The Forest Sector of the Canadian Climate Impacts and Adaptation Research Network (C-CIARN) and the University of Northern British Columbia invite you to attend a workshop on: "Changing climate and changing forests: adapting today for tomorrow's impacts". The intention of the workshop is to raise awareness of the expected impacts of climate change on Canada's western and northern forests, and to facilitate dialogue and communication among the research community, managers, and forest users on this emerging issue. For more information please visit the workshop web site at www.res.unbc.ca/climatechange.

(Greg McKinnon, coordinator of the C-CIARN Forest Sector, will be a participant at our "Climate Change in the Columbia Basin" workshop in January.)

Call for Presentations

Sustainable Mountain Communities

June 14-18, 2003

Banff, AB

This is the third conference in the Banff Centre's Mountain Communities series. Parks Canada and the Town of Banff are jointly sponsoring this event. Conference themes include:

- Managing quantity, type and rate of growth within legislated or naturally imposed boundaries
- Minimizing air, water and soil pollution
- Reducing resource consumption and waste
- Maintaining a sustainable tourism-based economy
- Developing and maintaining sustainable transportation for people and goods.
- Providing sustainable utilities and infrastructure

They are looking for "great presenters or interesting case studies". Contact person is Leslie Taylor at the Banff Centre, email: www.banffcentre.ca/mountainculture. A conference web site will be set up in January.

Call for Presentations and Posters

2003 National Conference: Stewardship and Conservation in Canada

July 3 - 6, 2003
University of Victoria, Victoria BC

This conference will feature the ways Canadians steward and protect our natural and cultural legacy for future generations. They are gathering people working in all sectors of conservation to showcase progressive practices and share the most innovative tools, techniques and visions found in Canada. For more information visit: www.stewardship2003.ca

Happy Holidays everyone! The CMI office will be open sporadically over the Christmas break, so please be patient if I am slow at returning calls.

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