

Learn Forestry News

January 2011



Learn Forestry News Editor

Debbie Bazett
Council of Forest Industries
Southern Operations
Forest Education Coordinator

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Letter from the Publisher

Debbie Bazett

Forest Educator

Council of Forest Industries, Southern Operations

Our online biannual forest education newsletter, the Learn Forestry News, was created in January 2005 for the Learn Forestry website. Over the past five years, it has contained contributions from forest educators, post-secondary forestry students, career prep teachers, the Federation of BC Woodlot Associations, the Festival of Forestry, Blue Lake Forest Education Society, Canadian Women in Timber, NAIT, BCIT, UBC and many other individuals, schools and associations. The ongoing support of these groups and individuals over those years has been very much appreciated. However, the thirteenth issue of the Learn Forestry News will likely be the last, at least for the time being. With funding having already depleted for the forest educators previously employed throughout the Southern Interior, it has also come to an end for COFI Southern Operations Forest Education, bringing with it the loss of my position, after eight years working to help build and support the Southern Interior forest educator network.



It has been a great experience meeting and working with so many committed individuals during my time at COFI, from teachers, post-secondary recruiters, forestry professors and forest educators, all striving to deliver excellence in their programs, to forest professionals volunteering their time and expertise to assist with speaker requests, camps and field tours, to members of organizations such as the Interior Logging Association, the Canadian Women in Timber, the Festival of Forestry and other Forest Education Societies across Canada and the US. Our sincere appreciation goes out to all who have shared and supported forest education in the Southern Interior over the past years. Hopefully, as the economy and the forest industry recover, local forest educators will once again be hired to create a program of events, workshops, resource distribution, field tours, career promotion and more, bringing awareness and understanding about our forests and the forest industry to students, teachers and communities in the Southern Interior.

Many thanks once again to all those who have contributed to the Learn Forestry News over the past five years- your ongoing support in providing news and information to our readers about your events and programs has been welcomed and appreciated!!



Forest educators from Southern Interior zones gather in 2007 for a fall resource meeting at the Interior Logging Association board office.

BC Interior Forest Education News

Southern Interior Forest Education

Debbie Bazett
Forest Educator, Council of Forest Industries

Interior Logging Association Forest Education Van

After a summer hiatus, the Interior Logging Association's forest education van travelled to the West Kootenay in September to take part in a National Forest Week annual event for Gr. 5 students at the Kootenay Lake Forest Center. The forest education van also spent the day at a Kelowna school, where forest education volunteers from COFI and the Canadian Women in Timber and a forester from Gorman Brothers Lumber presented to Gr. 1, 3 and 5 students on topics such as forest health, tree ID, forest management, forestry past and present and wood products. As always, the van was an effective education tool with its colourful exterior murals and its informative interior displays!!



Gorman Brothers forester, Joel Springer, speaks to Gr. 5 students about the mountain pine beetle epidemic at St. Joseph's Elementary School in Kelowna.

Okanagan College Career Fair

In early November, COFI South Forest Educator, Debbie Bazett, once again organized and hosted a forestry booth at **Okanagan College's 2010 Fall Career Fair**, assisted by local forest professionals from Tolko Industries and Gorman Brothers Lumber, who shared their knowledge and expertise about the industry. Numerous parents and students dropped by the booth and considerable interest was shown in pursuing natural resource studies. This event is the Interior's largest career fair, giving students a chance to meet regional, national and international employers and to learn about college and university programs and other available post-secondary career and training options.



East Kootenay Celebrates National Forest Week

Submitted by Michelle Mentore,
Association of BC Forest Professionals

Because of the significant value of the range resource in the East Kootenay, Rocky Mountain Forest District and its forest professionals have been celebrating National Forest and Range Week for several years.

The local daily newspaper, the Townsman issued a four-page Rocky Mountain Forest District supplement, with many interesting articles and pictures highlighting local forest and range issues. One feature was the 'Three Years at a Glance' fact sheet, a valuable guide to district statistics that clearly showed some interesting activity trends on the land base.

Almost three hundred school children toured the Cranbrook Community Forest during National Forest Week. Subjects discussed included trees, plants, grasses, species and where they exist, ecosystems and habitat. Younger students took a short hike around Kettle Pond, which has eight points of interest along its path, while older students took a longer hike and learned about forest and range issues along the way.



A work bee was held at the Cranbrook Community Forest to clear one hectare and was attended by 65 people. The Cranbrook Cubs, Scouts and Guides took part in tree pulling and dragging slashed trees to roadside. The debris was ground into chips that were then placed on the trails in the community forest.

West Kootenay NFW Annual Forestry Day Held at Kokanee Park

Submitted by Neil Bow
Tenures Forester- Selkirk Forest District

Once again a variety of staff from the Kootenay Lake Forestry Centre, as well as Forest Service retirees and a guest forest educator put on our annual National Forest Week Forestry Day activities. The target audience was Grade 5 students from elementary schools in and around Nelson, as well as from one school from Kaslo.

Approximately 250 students attended and were split into four main groups, with each group going through eight different activities during the 4 ½ hour timeframe. The activities were all conducted at beautiful Kokanee Creek Park, located between Nelson and Balfour on the West Arm of Kootenay Lake. This facility is perfect for the kids to have a whole bunch of fun learning about forestry and wildlife.

The first station involved the kids visiting the Interior Logging Association van for a fantastic presentation by Darcee O'Hearn, our guest forest educator. She gave a brief overview of logging



history and current practices and surprised students with the myriad of forest products on display inside the van that are made from the trees around them.

The next visit at this station was a hands-on presentation of wildlife pelts and hides, with a Ministry of Environment Wildlife Biologist explaining how wildlife habitat is a critical factor to include when you are planning to log an area. The kids even get a chance to try some deer jerky... Yumm!!

The final visit at this station was with a Caribou specialist to learn about this very important local species of ungulate. The kids then hiked down a short trail to learn about fighting forest fires.

The Wildfire Management Branch station was a real crowd pleaser! At the first activity the kids saw all the equipment in an Initial Attack (IA) tanker truck and got to try on the chaps, hard hat and gloves and lift a chainsaw off the ground. The men and women of the IA crew then started a log on fire with a drip torch and fire up the water pump to let a "Grade 5 IA crew" fight the fire.



After the "firefighting" was the always fun hand tank pump relay race. This activity had the kids break up into crews that needed to move a couple of golf balls and one beach ball by spraying them with the pump. The kids were warned about possibly getting wet and they were great at encouraging each other to get through the tasks.

Following the water fun, the kids ran down the path to the Bugs, Bark and Art station where they counted the rings on a small tree cookie from a dead and dry Douglas fir branch, and learned how a tree grows. They then let their creative juices flow with coloured felts on the flip side of the cookie. While they were doing this, they took their best guess as to how many bears of the gummy species were in the small container. The winner from each school got to take the container home and each tree cookie



was sprayed with lacquer and dried for each student to take home as a souvenir.

The next activity at this station had the students looking for bark beetles and larvae under the bark of a green attack lodgepole pine tree. The presenters explained the mechanism the beetles used to burrow into the tree and lay their eggs and illustrated the use of funnel traps with a tossing game using popcorn kernels.



The last station saw the kids go down through the forest to the lakeshore and back on a scavenger hunt for all sorts of forest stand attributes. With the prize for the right answer being a mini candy bar, there were many budding forest professionals in the crowd.

As the kids left to home and they got on the bus, each of them received a tree seedling, provided by the Pacific Regeneration Technologies nursery in Harrop.

I feel that this day is an important contribution to the Natural Resources segment of the students' curriculum and what better way to learn than get out there and see it in action!! The teachers report that they reflect on this day all through the year

and that it is a positive and fun way for the kids to learn. As for us, it is our contribution to celebrate National Forestry Week.

Northern Interior Forest Education

Chris Lear-Forest Education Manager
Council of Forest Industries

Caution! Students Working

This past fall, some 90 high school students and their teachers from across north central BC donned high visibility vests and hard hats and spent two days in the bush learning about careers in forest resource management. Attending one of three regionally held camps, participants were guided through various hands-on workshops by forest professionals drawn from COFI member companies, post-secondary institutions and the Ministry of Forests and Range. 'It's great to see students get excited about learning, interacting with the professionals and learning about forestry careers', notes Chris Lear, Manager of Forest Education for COFI Northern Operations and host of the program.



Students observe a log processor as part of their harvesting workshop at the Bulkley Valley NRM Career Awareness Camp

Students enjoy every one of the many workshops from harvesting operations and ecology to wildlife and fish management to wildfire suppression to timber cruising, silviculture forest health and road and block layout. What has made these camps so successful over the past eight years are the many forest resource professionals who volunteer each year to host workshops and share their personal insight into their

chosen career. And for many high school students these camps have inspired them to enrol in post-secondary forestry programs in pursuit of careers as resource management professionals.

For more information on these and other Northern Interior forest education programs, contact: Chris Lear, Forest Education Manager at (250) 614-4352 or by email at lear@cofi.org.

Expanding Our Roots

Opportunities for a Forestry Student –World Travel & Studying Overseas

Submitted by Samantha Smolen
UBC Faculty of Forestry Student

There are a number of opportunities out there for Forestry students to explore, to suit their ambitions and curiosities. As a person who has much of both, I have decided to take on any opportunity that is offered to me.

Last May, after finishing my second year in UBC's forestry-focused Natural Resource Conservation program, I took a job as a summer student at Tolko Industries in

Kelowna, BC. Since I was in the Co-op program, I was able to extend my work term through to December, rather than doing the usual summer term, a decision which greatly enhanced my experience and development.



UBC Forestry summer student, Samantha Smolen, at work in the Okanagan Valley.



When I first arrived at Tolko, I was as 'Green' as they come in every sense of the word; I knew little about the job and the industry and was darn near a tree-

hugger, but I was keen to learn. After spending eight months working as a forest technician, doing layout and timber cruising, I now have an understanding of the industry and can explain to my tree-hugging friends how forestry is a sustainable option. I have seen, firsthand, the importance of this industry to our economy, and the necessity of having these 'working forests'. I have been exposed to all the careful thought and planning that goes into laying out harvest blocks, as well as all the rules and regulations in forest management that are there to protect the animals, the land, and the local communities. I learned a tremendous amount from all my co-workers and regard them as friends and mentors.



I have now embarked upon my next experience, an exchange trip to Norway and Tanzania through UBC's 'Go Global' program, where I will be taking courses at post-secondary institutions that will primarily transfer over to the Global Perspectives portion of my UBC degree. I will begin my studies at the Norwegian University of Life Sciences, where I will be spending five months enrolled in classes that focus on the Environment and the Community. Following my time in Norway, I will travel to Tanzania, where I will spend two months taking additional courses.

Although I will be in Norway and Tanzania to continue my studies, I also hope to make connections and network for possible job opportunities in the future. If you would like to find out more about these programs and the opportunities that exist for students to travel the world and learn more about global issues in forestry, check out the following links!!

UBC Co-op Program:

<http://www.forestry.ubc.ca/Students/Undergraduate/CurrentStudents/CareerResources/Coop/tabid/980/Default.aspx>

Natural Resources Conservation Program:

<http://www.forestry.ubc.ca/Students/Undergraduate/Prospective/DegreePrograms/NRC/GlobalPerspectivesMajor/tabid/1479/Default.aspx>

Exchange Program:

<http://www.students.ubc.ca/global/index.cfm>

University of Norwegian Life Sciences:

<http://www.umb.no/english/>

International Forestry Students & Professionals Visit Gavin Lake

Submitted by Greg Sabatino - Williams Lake Tribune

In October, a group of 20 PhD students and forestry professionals from Sweden, Estonia and Finland visited Gavin Lake Forestry Camp near Williams Lake, studying sustainable forest

management practices. The group was in B.C. as part of a tour put on by the Swedish Agricultural University (SLU) in Umeå, Sweden, and was toured around the province by forestry professionals from UBC's Alex Fraser Research Forest in Williams Lake.

Students and forest professionals arrived on Oct. 2 in Vancouver and spent time researching and studying at various locations around the province, beginning at UBC's Forest Science Centre, stopping at Stanley Park, then moving on to Squamish, Whistler, Pemberton, Lillooet, Gavin Lake, Prince George and Kamloops, with a final stop in Maple Ridge at Loon Lake.

SLU professor Erik Valinger, along with Swedish government forestry professionals, Hans Winsa and Johanna From, participated in the course, helping students to earn credits towards their PhDs while also studying the differences in forestry practices between the two countries.

"I was contacted by SLU last winter and asked if I wanted to join them for the sustainable forest management tour," From said during the group's stay at Gavin Lake. "It's been splendid. I can compare the Swedish way with the Canadian way but also share everything with the students who might be employed by the [Swedish] government in the future."

From said the tour was a valuable learning experience for everyone involved, and added everyone enjoyed spending time in B.C. "I get impressed by the beautiful nature here in Canada and the enormous amount of forest you have here," she said. "You're working in old growth, there are more species, and there are many different ways to do things, and that's why I think it's important to exchange ideas."

The idea to host the tour came about last year when Ken Day, manager of the Alex Fraser Research Forest in Williams Lake visited the Swedish Agricultural University. Day organized the tour, providing the contacts through UBC, and travelled with the group throughout the province. "It's gone really well," Day said. "The group's lots of fun, and it's been very interesting.

"SLU is paying for all the expenses and UBC is providing my time and the connections to all the contacts around the province."

Samuel Egbäck, a PhD student at SLU from Alnarp, Sweden, said the tour was valuable in learning about various sustainable forest management strategies. "It's nice to see some other forestry," he said. "It's good for your mindset. You see some new things and solve some problems, and we've learned different ways of solving them. In Sweden we have some different ways of looking at our forests."

From and Egbäck both agreed the hospitality provided by the tour hosts was amazing. "They've been excellent to put together a program that's so wide with so many different things," From said. "We've been lucky. It's a great gang. When you can mix people from all these



Ken Day (right), manager of the Alex Fraser Research Forest in Williams Lake, leads a group of international forestry students and professionals at Gavin Lake. The group toured around B.C. in October studying sustainable forest management.

different countries with our interest in forestry, it can only be a success.”

Association of BC Forest Professionals News

Submitted by Michelle Mentore,
ABCFP Communications Coordinator

Forest Professional Networks Battle for Bragging Rights during National Forest Week

Each year during National Forest Week the Association of BC Forest Professional’s (ABCFP) Networks of Forest Professionals (NFPs) hold forestry activities throughout the province. They compete with each other to see who can hold the best and most exciting events. For the past three years, the North Island NFP held on to the Battle title, despite some excellent competition from other NFPs. This year, the mantle of supremacy was passed to the East Kootenay NFP. They put together an amazing program and managed to reach more than 20,000 families through a supplement in the local paper in addition to events aimed at school kids.

The North Island and Fort St. James NFPs also did amazing jobs and have been declared the runners up. Members of the East Kootenay NFP received coveted ABCFP ball caps and bragging rights for the year.

Winner- East Kootenay- Rocky Mountain Forest District

Because of the value of the range resource in the East Kootenay, the Rocky Mountain Forest District and its NFP's have been celebrating National Forest and Range Week for several years.

The local daily newspaper, the Townsman put out a four-page Rocky Mountain Forest District supplement with many interesting articles and pictures highlighting local forest and range issues. One feature was the 'Three Years at a Glance' fact sheet, which provided a valuable guide to district statistics and clearly showed some interesting activity trends on the land base.



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North Island (Runner-Up)

The North Island NFP made 'Careers in Forestry' presentations to 100 grade 10 students and 550 primary students this year for NFW. Students also received 'Trees Clean the Air' presentations at their schools. In addition, 200 intermediate students participated in a full-day forestry tour including a hike, mini-logger sports competition and a chainsaw demonstration.

Fort St. James (Runner-Up)

The Fort St. James NFP organized a hike for 120 grade five students. The hike included a number of stops where the kids and their teachers learned more about different aspects of forestry.

The ABCFP congratulates the winner, runner ups and all the Network of Forest Professionals who participated in the 2010 battle. More photos can be found on the ABCFP's Facebook page:

<http://www.facebook.com/home.php?#!/pages/Association-of-BC-Forest-Professionals/79659811198>



Gwa'Sala-'Nakwaxda'xw First Nations School - Grade 5/6 class at the North Island NFW event. Photo Courtesy of Lisa Brown

Over Four Hundred Kids Celebrate National Forest Week with Art

'What does the forest mean to you?' That's the question BC kids answered this fall when they submitted their National Forest Week Art Contest drawings. This event, sponsored by the Truck Loggers Association and the ABCFP, was part of the ABCFP's National Forest Week celebrations.

Each category had a winner and one or two runners-up, with winners receiving a \$50 gift certificate to Chapters and all students receiving a certificate of achievement.

Thank you to everyone who took the time to submit a drawing! Picking the winners was very difficult, as many of the 400+ submissions were outstanding.

Age Category: 4-5 years

Winner: Madisyn Parker, age 4, Quesnel
Runners Up: Catherine Sastrawidjaya, age 5, Vancouver
Norah Macaulay, age 4, Kamloops

Age Category: 6-8 years

Winner: Maya Wellman, age 7, Burns Lake
Runner Up: Carter Barbosa, age 8, Quesnel

Age Category: 9-12 years

Winner: Ivan Johnston, age 10, Quesnel



Winning poster by Ivan Johnston (Age 10-12 category)

Runners Up: Thomas Rawling, age 11, Quesnel
Jordan Homer, age 12, Quesnel

To view the winning posters, go to:

<http://www.facebook.com/album.php?aid=246847&id=79659811198>

For more information on forestry careers or career resource materials, see the ABCFP website at www.abcfp.ca under 'Entering the Profession- Students' or' Members Area- Volunteer with us- Promote the Profession'.

Watershed Awareness Day Held in Campbell River

Submitted by Jill Werk, RPF
Stewardship Forester
Ministry of Natural Resource Operations
Campbell River Forest District

Watershed Awareness Day, known as 'Waterfest', was coordinated by the City of Campbell River and was held at McIvor Lake on Friday, August 20, 2010. The intent of the event was to raise awareness about the value of the community's drinking water watershed and the implications of various activities in and around the watershed.

Staff from the then Ministry of Forests and Range Campbell River Forest District office participated with a display booth that included a photographic display and information on:

- Fish stream/habitat management;
- Watershed management;
- Resource stewardship monitoring for water quality;
- Wildfire control;
- Limiting the spread of invasive plants (terrestrial and aquatic); and
- Negative effects of off-road vehicles in the community watershed

The display also included a stream sample where children could use a hand lens to identify various macro-invertebrates in the water (to teach that there are other critters that live in streams besides fish). Children also received pencils, stickers, colouring sheets, and balloons.

Other booth participants at the event included BC Hydro, local outdoor activity clubs (kayakers, cyclists, runners, etc.), the City of Campbell River, the local radio station, food vendors, and music.

There were activities for children that included a scavenger hunt, a bounce-a-rama, and other games. Kayak and dragon boat rides were also provided.



Damage done to a wetland by off-road vehicles within the John Hart Community Watershed.

For a 'first annual' event, it was fairly well-attended by public. Resources permitting, we plan to attend next year.

A follow-up to the Aug. 20th 'Waterfest' event was a Community Watershed Clean-Up Day, held on Aug. 27th. This event was also coordinated by the City of Campbell River and staff from the Ministry of Forests and Range Campbell River Forest District office participated. Forest Service Staff joined forces with other local organizations and helped remove close to 2500 kg of garbage from the community watershed that day.



Campbell River Community Watershed Clean-Up Day

Forest Capital of Canada Celebrates 2010 National Forest Week

Cariboo-Chilcotin Media Release- 2010/2011 Forest Capital of Canada Events

National Forest Week has been hosted in September each year by the Canadian Forestry Association since 1967. Established in 1900, the Canadian Forestry Association is Canada's oldest conservation organization. The Cariboo-Chilcotin Regional District was named the 2010-2011 Forest Capital of Canada by the Canadian Forestry Association, recognizing the Cariboo-Chilcotin as a region where forests affect the socio-economic and environmental health of every community. The CRD will carry out a two-year Forest Capital program to support and celebrate our forest resources, with a holistic approach.

September 19-25, 2010 was National Forest Week and the Cariboo Regional District (CRD), the 2010-2011 Forest Capital of Canada celebrated this year's theme, *Canada's Forests – Branching Out*, by encouraging everyone to celebrate their unique connection to our forests – whether for work, live or play.

National Forest Week Community Events:

Celebrating Our Forests Business Challenge

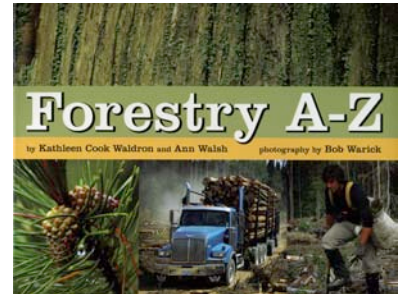
The inaugural business challenge NFW event had all the makings of becoming a great Cariboo tradition! In a friendly competition between the Williams Lake Central Business Improvement Area and the Quesnel Downtown Association, businesses battled to see who could create the greatest National Forest Week display in their storefronts to win the grand prize! Over 20 businesses from the Williams Lake Central Business Improvement Association (WLCBIA) and the Quesnel Downtown Association (QDA) decorated their storefronts for National Forest Week. Residents showed their support for the program by voting for their favourite display by ballot found in their local Black Press newspaper, September 25 through October 1.

"The WLCBIA and QDA merchants demonstrated their creativity and wonderful community spirit once again during the Challenge. Our forests, and forest industries, remain a vital component of our economic and environmental well being," says WLCBIA President, Bob Sunner.

“The QDA was honoured to have been asked to participate in this event which celebrated our region as the Forest Capital of Canada,” says Teresa Smith, QDA Promotions Committee Chair. “The QDA also extends a special thank you to SilvaGro Nursery who donated over 250 seedlings for the event.”

Celebrating Our Forests with the CRD Library Network

At local libraries in Quesnel, Williams Lake and 100 Mile House, visitors checked out a forestry display, or enjoyed a question period and book reading by local author of *Forestry A-Z*, Kathleen Cook Waldron.



Forest Capital Commemorative Trails

Sepa Lake Trail Named to Forest Capital of Canada Legacy Trail Network

The community of 108 Mile Ranch, BC is the latest community in the Cariboo Chilcotin to develop a wheelchair accessible trail. It's called the Sepa Lake Accessible Trail and was built in partnership between the Cariboo Regional District (CRD), the 108 Greenbelt Commission, and the provincial government through the Towns for Tomorrow funding program. Trail improvements at Sepa Lake include a wheelchair accessible outhouse, trail resurfacing, signage and reducing the steep trail grade over the Sepa Lake Bridge. The trail is approximately two kilometres of easy grade on the green circle portion of the trail while the blue diamond trail offers a mid level difficulty spread over seven kilometres.

In celebration of the CRD's Forest Capital of Canada designation, the Sepa Lake Accessible Trails has also earned the distinction of being named to the newly created Forest Capital of Canada Legacy Trail Network. This legacy project was developed with hopes that future Forest Capital of Canada communities will continue to add trails to the network throughout their reign. The first trail named to this network was the Sister Creek Recreation Site Accessible Trails.

In 2006, a resolution was passed to work towards developing the Cariboo Chilcotin as a world leader in accessible outdoor recreation and tap into niche tourism markets for persons of low mobility. On August 9, 2008, the Tatlayoko Community Association developed and officially opened the first Wheelchair Accessible Trails in the Cariboo Regional District. The Association built two kilometres of accessible trail, along with an accessible washroom and a picnic area. Other priority wheelchair accessible sites that have been launched this year include the Sisters Creek Recreation Site Accessible Trails in Kersley, the Cottonwood Historic Site and the Horsefly River Salmon Spawning Channel. Currently in development is the Kosta's Cove Trail on Ten Mile Lake in the north Cariboo.

Contact the CRD at (250) 392-3351 or 1 (800) 665-1636 for more event information, or visit our website at www.cariboord.bc.ca under "What's New/Forest Capital of Canada".

Forest Education Re-Launched in Northwestern Alberta

Submitted by Kate Wilson

Research Extension Coordinator - Boreal Research Institute
novaNAIT Centre for Applied Research



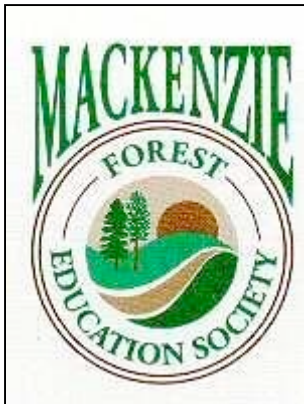
The novaNAIT Boreal Research Institute and the Mackenzie Forest Education Society, based out of Peace River, Alberta, have combined resources to refresh boreal education in the region. Programs traditionally offered by each of these two respected organizations – such as speaker series, grants to high school classes and hikes – will be strengthened and broadened.

An education coordinator has been hired. Katherine Haugan, who began her role as Boreal Educator in November, 2010, is looking forward to working with teachers and the community at large to offer outstanding programming in forest education.



Mackenzie Forest Education Society's new forest educator, Katherine Haugan.

Her main role will be providing environmental teaching aids, classroom presentations and forest tours to classes in the region.



“The Mackenzie Forest Education Society has a long standing mandate to provide teaching tools in forest education to elementary, junior high and senior high, but it has been difficult to involve classes beyond K – 6, ” says Katherine. “We also want to assist students in the exploration of career possibilities in the forest industry.”

One of her challenges will be to develop a vision for how to expand into high schools and bring a career focus to the program.

“My vision is to connect students and educators of all ages” she says. “I see my role as one of facilitator, and hope to leverage my impact on students by connecting educators with professionals and specialists in different sectors.”

Katherine will also be re-launching programs traditionally offered by novaNAIT Boreal Research Institute. These include the visiting speaker series, bringing a natural sciences speaker to schools and the community, and Forest Explorers, Alberta’s largest and most diverse forestry career show. Katherine will be connecting with professionals and teachers in the beginning of 2011. And hike season begins in April!

To contact Katherine, please call 780-618-2614 or email her at: katherih@nait.ca You can also visit the Mackenzie Forest Education Society website at: www.mackenzieforested.com

To learn more about the novaNAIT Boreal Research Institute and its projects, go to: <http://www.nait.ca/47691.htm>

Forest Education Resources

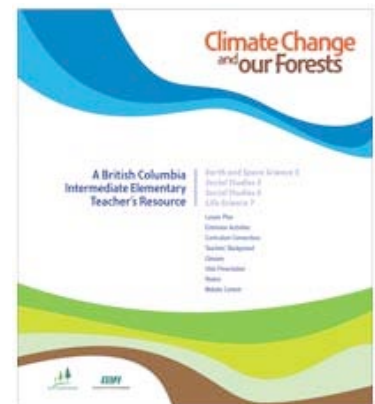
- ◆ **Learn Forestry Website:** www.learnforestry.com
 - **2010 Forestry Week Lesson (Elementary Level) "Climate Change"** for Primary or Intermediate grades. Includes power point slide show, curricular connections, teacher website listing and student activity pages. (See the Learn Forestry website under "Lesson plans→ Forestry Week".)
 - **2009 Forestry Week Lesson (Elementary Level) "The Importance of Our Community Watersheds"** The watershed forestry week lesson is also up on the website, along with a watershed poster developed by COFI South Forest Education to accompany the lesson. (To access a pdf copy of the poster or to see the complete catalogue of Forestry Week lessons and resources, go to "Lesson Plans→ Forestry Week- 2009 "Watersheds" at www.learnforestry.com)
 - **2008 Forestry Week Lesson (Elementary) "The Fire Story- An Unpredictable Truth"** New fire activity pages are available with the 2008 lesson on fire, along with overheads, activity board template, fire poster and web list.
 - **2004 Force of Fire (Primary, Intermediate & Secondary)** For additional fire lessons and resources, look down the Forestry Week Lesson list to 2004 for the Force of Fire kits that were developed, containing a lesson, overheads and additional resources.



◆ Teacher Resources:

- **Climate Change Resource Binders** Two resource kits, "Climate Change and our Forests" (Intermediate) and "Climate Change- Our Forests, Our Future" (Secondary) were developed in 2009 by the Council of Forest Industries, in partnership with Forest Innovation Investment, and distributed to BC schools in Sept. 2009. The kits provide teachers with new tools to help students learn about the impact of climate change on our environment and how our forests and its wood products are vital to mitigating those effects.

Each resource kit includes lesson plans, narrated PowerPoint, teacher background information and activities, where students can calculate the carbon footprint of their school and home, discuss the benefits of building with wood, design their own climate change machine and learn how they can personally take action to tackle climate change.



- **Forestry Fact Booklets & Fun in the Forest Workbooks**
Canadian Women in Timber



Illustrated with appealing characters and artwork, the Canadian Women in Timber's Forestry Fact booklet features Splinter the Woodpecker once again and provides a fun way to teach students about the science and ecology of BC forests, using forest facts. **Available at a nominal cost on the CWIT website, along with "Fun in the Forest" Splinter workbooks, which are also available for download online, at: www.canadianwomenintimber.com** Suitable for mid-elementary students.

- **The Forest Foundation**
"Talk about Trees" (Lessons 1-9)
A great source for forest lessons, with topics such as Forest Health, Sustainable Resources, Waste Not- Want Not, Nature's Treasure Chest, Forest Carbon and Our Climate and Forest Watersheds. Includes lessons, vocabulary and student activity pages and graphics.
<http://www.talkabouttrees.org/plans.html>



◆ **Teacher & Student Web Links:**

- www.learnforestry.com **The Okanagan-based Learn Forestry Website** contains Forest Education lessons, links & resource materials, bibliographies, teacher kits and lessons as well as locally-developed forestry posters for download.
- www.forest-education.info **Council of Forest Industries** A BC forest education website with info on forestry terms and facts, careers, virtual tours, teacher resources and more.
- www.bcclimatechange.ca/ **The BC Forestry Climate Change Working Group** site provides information about climate change, bioenergy, healthy forests & carbon and how wood products store carbon, as well as a five minute video, "Tackle Climate Change, Use Wood", that can be viewed.
- <http://www.naturallywood.com/> **Forest Innovation Investment's "Naturally Wood"** site features sections on BC's sustainable forest management, wood products, tree species, fact pages and a section on Climate Change & BC Forests and Forest products.
- www.goforestry.ca/ **The Council on Forestry Promotion and Improvement** site from Eastern Canada outlines the many career opportunities in forestry. Includes forest

- professional videos, forestry facts and product info, a career search feature on forest sector opportunities and an entertaining forest professionals' video under "Tree TV".
- www.pacificloggingcongress.com See the **Pacific Forest Foundation's** new career video, "**This Is My Office**" on their website, promoting the benefits of a career in the forest industry and an office in the great outdoors. Entertaining and well worth watching!!
 - <http://www.pc.gc.ca/eng/pn-np/bc/revelstoke/natcul/natcul9.aspx> **Parks Canada** has lots of resource information for teachers- this link connects to information about BC's old growth Inland Rainforest in Mt. Revelstoke National Park.
 - http://www.pc.gc.ca/apprendre-learn/prof/sub/mpb-ddp/page3_e.asp Another **Parks Canada** link- this one a primer for teachers and students on the mountain pine beetle.

Odds and Ends

Questions or Comments

If you have any questions, comments or suggestions regarding the Learn Forestry News, please contact Debbie Bazett at: newsletter@learnforestry.com

Submissions for Learn Forestry Website

To submit a forest education lesson plan or activity to the Learn Forestry website or to recommend other forest education resources or links, please forward to: newsletter@learnforestry.com