

23RD ANNUAL

Wings over the Rockies

MAY 6TH to 12TH • 2019

Go Ahead... EXPLORE!

KEYNOTE SPEAKER
Laval St. Germain



Laval St. Germain shares his own tales of the rewards, risks and healing that come with exploring his limits and the wonders of high adventure in nature.

Over 100 events planned for you,
so go ahead, be an explorer!
Registration Opens April 8th • 2019



www.WingsOverTheRockies.org • Local: 250-342-2473

Toll Free: 1-855-342-2473 • Pynelogs Cultural Centre • Invermere • BC

Message from Wings Fest Chairperson

Explore – Investigate, Examine and Discover

Our roads and trails rest upon the millennia old heritage corridors of the first peoples who knew these landscapes and wildlife. We now float upon the Columbia River that was the fur trade highway to the Pacific. Para-gliders fly alongside mountains that early mountaineers first summited a century ago. Artists sit in the same place to sketch and photograph the vistas that have inspired peoples for generations. Has everything already been discovered?

Our Keynote Speaker, internationally celebrated explorer Laval St. Germain, would disagree. Laval is the only Canadian to have climbed Mount Everest without the use of supplemental oxygen, the only person to have climbed and skied Iraq's highest peak, and the holder of the fastest ever crossing of the North Atlantic Ocean by solo ocean row boat from mainland North America to mainland Europe. Hear and

see what it takes to have the ability to step out way past normal, and shove off way past safe, but come back alive.

For 23 years, the Wings Over the Rockies Wildlife Festival has facilitated discovery of the rich natural and cultural history of the amazing Upper Columbia valley. In 2019 over 90 events brings expert explorers, presenters, guides, scientists, and artists to share their own discoveries and insights into the area's wildlife and habitats. But every Wings participant will find their own experiences and meaning in these landscapes. **Go ahead and explore!**

Sincerely,

CHAIR
2018 Wings Over the Rockies Bird Festival

Go Ahead... Explore with Laval St. Germain

Expert at turning dreams into goals and into reality, Laval St. Germain knows what it takes to unzip the tent door and step out from high camp on Everest for a cold, gasping trip to the top or to shove off the dock to row alone across the North Atlantic Ocean.

Laval is the only Canadian to have climbed Mount Everest without the use of supplemental oxygen, the only person to have climbed and skied Iraq's highest peak, and the holder of the fastest ever crossing of the North Atlantic Ocean by solo in an ocean row boat from mainland North America to mainland Europe.

Laval has climbed the highest peak on six of the earth's seven continents, and the highest peaks of more than a dozen nations.

Uniquely blending extreme high risk outdoor adventure with the deliberate and strict adherence to procedures, checklists and risk management inherent in an airline pilot has kept Laval alive.

As this year's Keynote Speaker for the 24th Annual Wings Over the Rockies Gala on Saturday May 11th, Laval will share emotional and striking stories from up there above the clouds and out there beyond the ocean horizon.

Hear and see what it takes to have the ability to step out way past normal, and shove off way past safe, but come back alive.



Earthskills Institute Festival

The second annual Earthskills Institute Festival is set to take place in the valley May 11th to 20th. This festival aims to build a community that empowers people to be self-sufficient and resilient through the sharing of primitive, traditional and modern knowledge, skills, and technology. Last year the event featured workshops on primitive fire making, leather working, hunting and tracking, permaculture, wild foraging, knifemanship, archery and yoga, and included children's activities, communal dinners and social activities. This year the event is expected to grow and include more skill sets such as stone knapping, bow making, soap making, fermenting, gardening, basketry, spiritual practice, and more. For more information about the festival, find Avalily Permaculture and The Earthskills Institute on social media or email

AvalilyPermaculture@gmail.com



Providing an ecological lift:



Wetland Enhancement on the Hoodoos Conservation Property

Wetlands are amongst the most productive ecosystems on the planet. In the Kootenay region, we are fortunate to have many largely intact wetlands, including the internationally significant Columbia Valley Wetlands, the perennial host of Wings Over the Rockies Festival.

The Nature Trust of British Columbia, a land trust that conserves ecologically significant land in the province, has been working in the Columbia Valley securing and stewarding land since the 1970s. Many of our properties feature healthy wetland ecosystems. Meanwhile, others contain wetlands that need a little help to realize their full potential.

In 2016, The Nature Trust and our partners embarked on a plan to enhance an existing wetland on our Hoodoos Conservation Property, near Fairmont Hot Springs. The goal was to lengthen the time the wetland stayed wet each year. By doing so, we would improve habitat for a variety of species.

A year later, with help from our partners, expert consultants, an excavator and an army of volunteers we were able to use two techniques to enhance the wetland. One wetland basin was excavated with a clay liner, while the other utilized an industrial grade pond liner, all in an effort to reduce water percolation into the earth.

Since project completion, nature has taken over and biologists and technicians are monitoring the results.

Want to learn more? Then join us for the Wings Over the Rockies event entitled "Field School: Wetland Enhancement and Monitoring 101" on Sat May 11th from 1 to 4 pm. Registration required.

Thanks Nory...

For over a dozen years, Nory Esteban was a key volunteer with the Wings Over the Rockies Festival. She served as registration organizer, volunteer co-ordinator and web master, often all at the same time!

Although Nory declined the opportunity to Chair the Festival, to many participants she became the face of Wings Over the Rockies. Her patience, focus on customer service and attention to detail made her a favourite with everyone. Spending long hours in person and on telephone, she sorted out problems for those struggling with the on-line registration program and managed event waiting lists to satisfy the greatest number of people possible. She recruited volunteers among local outdoors enthusiasts and previous festival attendees and slotted them into roles suited to their interests. On the Wings Over the Rockies website, Nory posted bios of all the presenters and field trip leaders, wrote on-line content about events and kept the site updated with photos, news, dates and deadlines. She also championed revisions to the registration program and website and oriented those who now attempt to fill her former roles.

In Nory, the Festival benefitted from the organization of a retired teacher and the passion of a dedicated naturalist. The Wings Over the Rockies community expresses appreciation and best wishes to Nory in her retirement from the Wings board.



Birds Punctuate the Days

Joyce Clement

apostrophe
the nuthatch inserts itself
between feeder and pole

semicolon
two mallards drifting
one dunks for a snail

ellipses
a mourning dove
lifts off

2019 Wings Week Events • Presentations & Field Trips

SATURDAY & SUNDAY MAY 4th & 5th

Carve and Paint a ½ size Common Loon! With Doug Yukes

Workshop includes wood, glass eyes, patterns, shop supplies and paint. Participants will need their own carving knife and a "rotary tool" (Dremel or similar machine) with a small selection of rotary bits. Carving knives and rotary bits may be purchased in advance or will be available to purchase at the workshop. (basic tool example prices: good carving knife: \$50, three rotary bits: \$25.)

Level: beginner wood carvers

Sat May 4th AND Sun May 5th from 8:00 am to 5:00 pm

MAX # 10 MIN # 6

LOCATION: Invermere

COST: \$120.00

Things to bring: carving knife and a "rotary tool" (Dremel or similar machine) and small selection of rotary bits & bag lunch



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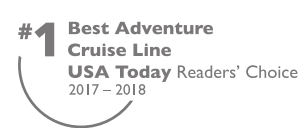
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2019 Wings Week Events • Presentations & Field Trips

MONDAY MAY 6th

Exploring the Dawn's Early-Birds with Bob Parsons

Start your day early, with the sounds of the songbirds as they begin their day. Enjoy the peace and tranquility of the nearby Lake where you'll get a full-sensory explosion of sounds and sights from the smallest to largest of birds and maybe even a turtle, otter or muskrat sighting.

Level: easy

Mon May 6th from 6:00 am to 7:30 am

MAX # 12

LOCATION: Invermere

COST: \$15

Things to bring: Good footwear, bug spray and dress for the weather

Wacky Waterbirds! With Cam Gillies and Michael den Otter

Ducks, mergansers, geese, grebes, and more! We'll survey the best watery haunts of the valley to find the usual suspects, including many high-quality birds, but with a keen eye to see if we can find something wacky. Whatever we find, it will be fun!

Level: Easy

Mon May 6th from 8:00 am to 11:00 am

MAX # 20

LOCATION: Invermere area

COST: \$20.00

Things to bring: Snack & water and dress for the weather

Connecting Lakes to Mountain Streams with Ben Mitchell-Banks

Come out to see a local fish habitat restoration project underway that is restoring long lost habitat for kokanee salmon. On this local field trip, you will visit three sites, two where fish passage has been restored and a third site still awaiting restoration. Learn about kokanee salmon, their life cycle and spawning requirements.

Level: easy

Mon May 6th from 9:00 am to 1:00 pm

MAX # 12

LOCATION: Invermere area

COST: \$25.00

Things to bring: Dress for the weather, bug spray, sun screen, good hiking/walking boots, binoculars, snacks and water. Hiking poles optional

Wetlands Paddle with a local Naturalist

Experience the world class Columbia Wetlands by canoe/kayak during a morning paddle with a local naturalist. Discover the secrets of the ecology and morphology of the Columbia Wetlands and its surrounding landscape, along with a touch of local history. This leader will bring knowledge, enthusiasm and experience to

this paddle, providing educational entertainment for all ages and levels of experience. Basic paddling experience preferred but not necessary.

Level: Easy

Mon May 6th from 9:00 am to 11:00 am

MAX # 24

LOCATION: Invermere Area

COST: \$30.00 (includes PFD, boats, paddles, guide)

Things to bring: Camera, water & dress for the weather

Collecting Modern Bird Tracks - Combining Birding and Tracking with Lisa Buckley

Shorebirds and wading birds are a living laboratory where we can study bird footprints and bird behavior! However, bird footprints are not forever so they are hard to study! Join me as I demonstrate how anyone can collect copies of bird footprints (responsibly!)

Level: moderate

Mon May 6th from 9:30 am to 12:30 pm

MAX # 20

LOCATION: Invermere

COST: \$25.00

Things to bring: Dress for the weather, bug spray, sun screen, good hiking/walking boots, binoculars, snacks and water. Hiking poles optional

Bison, Bugs & Birds with Wes Olson (Lunch Presentation)

Bison have occupied North America for at least 130,000 years, and throughout that time they have provided a wide range of ecological services to the species they shared the land with. This photographic presentation sheds light on some unusual, and hidden, benefits bison provide to birds, from the boreal forests to the mixed grass prairie.

Mon May 6th from 12:00 pm to 1:30 pm

MAX # 70

LOCATION: Invermere

COST: \$30.00 (includes lunch)

Collecting Modern Bird Tracks - Combining Birding and Tracking with Lisa Buckley

Shorebirds and wading birds are a living laboratory where we can study bird footprints and bird behavior! However, bird footprints are not forever so they are hard to study! Join me as I demonstrate how anyone can collect copies of bird footprints (responsibly!)

Level: moderate

Mon May 6th from 1:30 pm to 4:30 pm

MAX # 20

LOCATION: Invermere

COST: \$25.00

Things to bring: Dress for the weather, bug spray, sun screen, good hiking/walking boots, binoculars, snacks and water. Hiking poles optional

"The Swan" a film with the Windermere District Historical Society

A swan is a goose with finer 'clothes' and a different attitude, who looks most regal when paddling gracefully up a placid blue lake. And that is how this CinemaScope movie begins. Set in a 1910 unidentified European country, the castle beyond is where the complex love story of a princess plays out amidst royalty, with their foibles. This movie stars Grace Kelley who - as "The Swan" was released to theatres - became a true princess when she married Prince Rainier of Monaco.

Mon May 6th from 2:00 pm to 4:00 pm

MAX # 20

LOCATION: Invermere

COST: \$15

Guided Evening Columbia River Trip - Radium to Edgewater

Our knowledgeable and highly skilled guides will lead you through this pristine section of the Columbia River. Paddling into the evening, enjoy the twilight and the sounds of the birds and wildlife before they settle down for the night. A delicious open fire BBQ dinner will be served riverside. Vegetarian option will be available. Basic paddling experience preferable.

Level: Easy

Mon May 6th from 3:30 pm to 8:00 pm

MAX # 60

LOCATION: Radium

COST: \$85.00 Includes PFD, boats, paddles, guide, BBQ Dinner and return transportation to Radium

Things to bring: Camera, water & dress for the weather

Exploring Canada's Past: Early Explorers and the Fur Trade, 16th-19th Centuries with Dr. Rod Martin (Evening Presentation)

From the 16-19th Centuries many explorers including David Thompson traversed the wilderness reaches of Canada in search of unfounded riches and historic destinies. They all "went ahead and explored" as did David Thompson in 1807 when he established Kootanae House. By July 1811, Thompson and his men had traversed and arrived at the mouth of the Columbia River at the Pacific Ocean.

Mon May 6th at 7 pm

MAX # 100

LOCATION: Pynelogs Cultural Centre

COST: \$20.00

Winged Partners Still Flying High

Twenty-two years on, Wings Over the Rockies and Adventure Canada continue to collaborate to support the festival and invite patrons to experience exceptional expeditions to some of Canada and the World's most beautiful, fragile and bird-rich environments.

Bill Swan, a Wings and Adventure Canada co-founder notes "It's a point of great pride that as a company we support the organizations and events that celebrate, protect and educate people about the magnificent natural heritage we have in

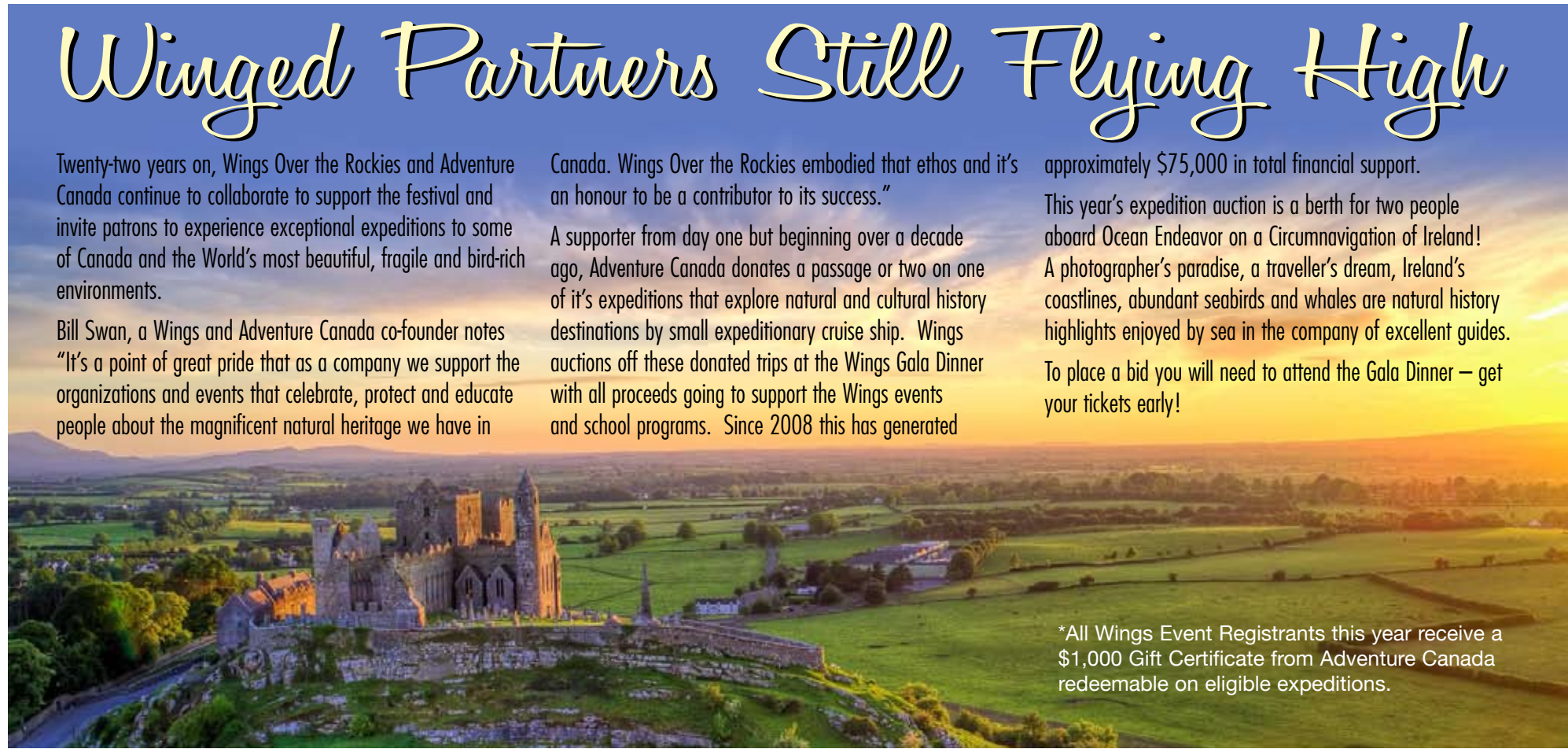
Canada. Wings Over the Rockies embodied that ethos and it's an honour to be a contributor to its success."

A supporter from day one but beginning over a decade ago, Adventure Canada donates a passage or two on one of its expeditions that explore natural and cultural history destinations by small expeditionary cruise ship. Wings auctions off these donated trips at the Wings Gala Dinner with all proceeds going to support the Wings events and school programs. Since 2008 this has generated

approximately \$75,000 in total financial support.

This year's expedition auction is a berth for two people aboard Ocean Endeavor on a Circumnavigation of Ireland! A photographer's paradise, a traveller's dream, Ireland's coastlines, abundant seabirds and whales are natural history highlights enjoyed by sea in the company of excellent guides.

To place a bid you will need to attend the Gala Dinner - get your tickets early!



*All Wings Event Registrants this year receive a \$1,000 Gift Certificate from Adventure Canada redeemable on eligible expeditions.

2019 Wings Week Events • Presentations & Field Trips

TUESDAY MAY 7th

Explore Kindersley Creek area south of Luxor Spur Valley with Bob Parsons

One of the more abundant areas for sighting different migrating bird species (maybe warblers?) and emerging butterfly species in the East Kootenay. Meadows, river/creek sides, and varied mixed forest trails just north of the Luxor Conservation Area.

Level: moderate

Tue May 7th from 7:00 am to 2:00 pm

MAX # 12

LOCATION: North of Edgewater on Hwy 95

COST: \$20.00

Things to bring: Bring a lunch, suitable walking shoes, water, snack, dress for the weather, bug spray, walking sticks, binoculars (recommendations only)

Wilmer Wetlands Experience with Sherry Dewey

Join local enthusiast Sherry Dewey for a walk to the Wilmer Wildlife Area, in the ecologically rich Columbia River Wetlands. The trail makes its way down to the wetlands, around the shoreline, and loops back through open Douglas fir forest. As well as a variety of waterfowl, grassland species such as Meadowlark and Mountain Bluebird are seen here in May. Nowhere better to “Go ahead and Explore!”

Level: Intermediate

Tues May 7th from 7:30 am to 11:00 am

MAX # 16

LOCATION: Invermere area

COST: \$20.00

Things to bring: Dress for the weather and bring water and a snack. Sturdy footwear is a must as we will be walking on game trails and possibly through mud. Total walking distance 5 km. Some elevation loss and gain.

Luxor Linkage: Connections to Land and Water with NCC

Join Richard Klafki, NCC staff and Cam Gillies for a tour of the Nature Conservancy of Canada's Luxor Linkage Conservation Area north of Edgewater. Luxor Linkage stretches from the Columbia River wetlands, across Highway 95 and into the Rocky Mountains. This area is a high-value corridor for wildlife and ecological communities. Named after one of the creeks that flows through the property and into the Columbia River wetlands, Luxor Linkage is home to an abundance of wildlife that relies on its grasslands, pockets of deciduous forest, wetlands and rocky outcrops. Participants will also witness the results of recent habitat restoration efforts.

Level: Easy

Tue May 7th from 8:00 am to 11:30 am

MAX # 20

LOCATION: Edgewater area

COST: \$20

Things to bring: Binoculars, snack, water, hat, sunscreen, good walking/hiking footwear, rain coat (just in case)

Bison, Bugs & Birds Field Trip with Wes Olson & Johane Janelle

Join author Wes Olson, and photographer Johane Janelle on a field trip to a local cattle ranch. Come and poke about in cattle manure patties to see some of the insects that benefit from cattle grazing, and in turn, feed resident and migratory birds, mammals and amphibians.

Level: easy

Tue May 7th from 9:00 am to 11:00 am

MAX # 15

LOCATION: Edgewater area

COST: \$20.00

Things to bring: Good footwear and prepare for the weather

Explore the Birds and Flora of Lake Enid with Don Delaney and Kathy Mpulubusi

Walk and talk about marsh, lakeside birds and flora with Don Delaney, avid birder and photographer and his sister, Kathy Mpulubusi. Observe early marshland, lake birds and vegetation as you walk. Don will provide information on species of the birds observed on Lake Enid or along the shore and wooded areas. Kathy will help identify flowering plants and other vegetation and also discuss the importance of wetlands, lakes, streams, and ponds to the species observed along the way.

Level: Easy

Tues May 7th from 9:30 am to 12:30 pm

MAX # 15

LOCATION: Invermere area

COST: \$20.00

Things to bring: Binoculars, camera, water, hat and sunscreen and rubber boots.

Invermere to Radium BBQ Lunch on the River Paddle

On this 3 to 5 hour flat-water paddle from Invermere to Radium Hot Springs (17 km) you will spend a leisurely morning on the Columbia River exploring the local waterways. The Columbia River Wetlands lure more than 250 species of birds. Eagles, ospreys and herons and are a common sight throughout the season as are various species of wildlife. A delicious open fire BBQ lunch will be served riverside. Vegetarian option will be available. Basic paddling experience preferable.

Level: Easy

Tues May 7th from 9:30 am to 3:00 pm

MAX # 60

LOCATION: Invermere

COST: \$75.00 Includes PFD, boats, paddles, guide, BBQ lunch, and return transportation

Things to bring: Camera, water & dress for the weather

The Path to the Perfect Cup: Kicking Horse Coffee Facility Tour

Have you ever wondered how coffee is transformed from a green bean into the deep and delicious drink you know and love? Join us at coffee heaven and see how those bold, beautiful, bring-it-on beans become the hot stuff you can't live without. See for yourself what makes Kicking Horse Coffee North America's number-one Organic Fairtrade coffee company!

Tue May 7th from 10:00 am to 11:30 am

MAX # 10

LOCATION: Invermere

COST: \$15.00

Things to know: The tour takes place within a working production facility (there are a lot of beans, bucko). All tour participants must be pre-registered. The facility is a no-go-zone for cameras (including cell phones), jewelry, open-toed shoes or high heels (think, “If I were running away from a bear, what would I want to be wearing?”).

Explore the Skookumchuck Prairie Important Bird Area with Dianne Cooper and Randy Harris

Join us for a walk and drive through open range to learn more about this important Bird and Biodiversity Area critical to Long-Billed Curlew, Lewis' Woodpecker and other grassland species. This site, historically overgrazed, has become a hotspot for Lewis' Woodpecker. On the walk, we'll explore the Ecological Restoration management actions which have lead to this localized recovery, view examples of wildlife trees and hopefully spot the first woodpeckers and curlews arriving to breed.

Level: Easy

Tues May 7th from 10:00 am to 1:00 pm

MAX # 20

LOCATION: Skookumchuck area, 23 kilometres south of Canal Flats

COST: \$20.00

Things to bring: Snacks, water, binoculars, rain gear in case of bad weather, sturdy walking shoes

History of the Hot Springs Tour with BC Rockies Adventure Guides

Join the Activity Centre Guides to explore the history behind the hot water. Learn about the early settlers of Fairmont Hot Springs and the Resort's history.

Level: Intermediate

Tue May 7th from 10:00 am to 11:30 am

MAX #20

LOCATION: Fairmont Area

COST: \$15.00

Things to bring: dress for the weather, bug spray, sun screen, good hiking/walking boots, binoculars, snacks and water

‘Exploring the Local Food System’ at Edible Acres Farm + Cafe

Growing food is an adventure, it's an exploration deep into the ground and it never stops. Each winter we hit the reset button and we start over, we explore the opportunities in the year to come. Join the Edible Acres Farm team for a morning exploration through Wonderberry greenhouses and Edible Acres vegetable farm. Learn about how we explore the world of agriculture on our certified organic farm and the importance of healthy soil and diverse ecosystem. We'll talk about the steps of our operation from seed germination,

rooting out and transplanting to greenhouse and field production of our flowers and vegetables. We'll share with you our integrated system on the farm from our living compost pile to our 'mobile' chicken manure station, to the thriving bee community. Your tour will all come together with an exploration in eating ~ we will serve you a lovely farm to plate organic lunch at Edible Acres Cafe.

Tuesday May 7 from 11:00 am to 1:00 pm

MAX # 20

LOCATION: Windermere

COST: \$30.00 (includes a delicious farm to plate lunch)

Behavior & Habitats of Dinosaurs: From Their Tracks with Richard T. McCrea & Lisa G. Buckley (Lunch Presentation)

Most people recognize dinosaurs from the reconstructions of their skeletons that adorn public museums around the world. However, in order to understand how dinosaurs functioned as dynamic, living, animals, paleontologists must also examine their tracks. Tracks and trackways are the closest we can get to observing the behavior and biomechanics of dinosaurs.

Tue May 7th from noon to 1:30 pm

MAX # 70

LOCATION: Invermere area

COST: \$30.00 (includes lunch)

Explore the Birds and Flora of Lake Enid with Don Delaney and Kathy Mpulubusi

Walk and talk about marsh, lakeside birds and flora with Don Delaney, avid birder and photographer and his sister, Kathy Mpulubusi. Observe early marshland, lake birds and vegetation as you walk. Don will provide information on species of the birds observed on Lake Enid or along the shore and wooded areas. Kathy will help identify flowering plants and other vegetation and also discuss the importance of wetlands, lakes, streams, and ponds to the species observed along the way.

Level: Easy

Tues May 7th from 1:30 pm to 4:30 pm

MAX # 15

LOCATION: Invermere area

COST: \$20.00

Things to bring: Binoculars, camera, water, hat and sunscreen and rubber boots.

Windermere Creek Sampling Tour with Lake Windermere Ambassador's Shannon McGinty

Many waterbirds rely on the health of Lake Windermere, and the health of Lake Windermere relies on its tributaries. Windermere Creek is one of the larger creeks that flows into Lake Windermere. Come experience first-hand our acclaimed community-based water quality monitoring program and learn more about creek monitoring. The Lake Windermere Ambassadors are a society of community volunteers and cross-sector stakeholders representing local business, recreation, tourism, commercial marinas, water stewardship, ecological conservation, second homeowners, year-round residents, First Nations, two local governments, and youth. Our mandate is the protection of Lake Windermere in perpetuity. Our vision is an ecologically healthy Lake Windermere with balanced management approaches that support recreation and traditional uses, high fish and wildlife values, and economic prosperity in the region.

Level: easy

Tue May 7th from 2:00 pm to 3:30 pm

MAX # 6

LOCATION: Windermere area

COST: \$23.00

What to bring: Water, sunscreen/sunhat, camera

Windermere Creek Sampling Tour with Lake Windermere Ambassador's Shannon McGinty

Many waterbirds rely on the health of Lake Windermere, and the health of Lake Windermere relies on its tributaries. Windermere Creek is one of the larger creeks that flows into Lake Windermere. Come experience first-hand our acclaimed community-based water quality monitoring program and learn more about creek monitoring. The Lake Windermere Ambassadors are a society of community volunteers and cross-sector stakeholders representing local business, recreation, tourism, commercial marinas, water stewardship, ecological conservation, second homeowners, year-round residents, First Nations, two local governments, and youth. Our mandate is the protection of Lake Windermere in perpetuity. Our

2019 Wings Week Events • Presentations & Field Trips

TUESDAY MAY 7th

vision is an ecologically healthy Lake Windermere with balanced management approaches that support recreation and traditional uses, high fish and wildlife values, and economic prosperity in the region.

Level: easy

Tue May 7th from 4:30 pm to 6:00 pm

MAX # 6

LOCATION: Windermere area

COST: \$23.00

What to bring: Water, sunscreen/sunhat, camera

Prospecting for Ice Age Fossils from Glacial Deposits with Richard T. McCrea

The ice age left a legacy of glacial lakes, U-shaped valleys, and other glacial land forms in the area around Invermere. Glacial deposits may contain the fossils of extinct land animals, such as the extinct mammoths, mastodons, as well as some species which still survive today. Come and spend some time looking at potential sites for discovering ice-age fossils.

Level: moderate

Tue May 7th from 4:30 pm to 7:00 pm

MAX # 20

LOCATION: Invermere Area

COST: \$20.00

Things to bring: participants should wear appropriate clothing and footwear for off trail hiking.

Meteorology Workshop from an Adventure Racer and Pilot Perspective with Max Fanderl & Penny Powers – (2-day Workshop)

2019 Wings Week Events • Presentations & Field Trips

WEDNESDAY MAY 8th

Exploring the Dawn's Early-Birds with Bob Parsons

Start your day early, with the sounds of the songbirds as they begin their day. Enjoy the peace and tranquility of the nearby Lake where you'll get a full-sensory explosion of sounds and sights from the smallest to largest of birds and maybe even a turtle, otter or muskrat sighting.

Level: easy

Wed May 8th from 6:00 am to 7:30 am

MAX # 12

LOCATION: Invermere

COST: \$15

Things to bring: Good footwear, bug spray and dress for the weather

Birding by Golf Cart with BC Rockies Adventure Guides

Join the Activity Centre Guides for the most relaxing birding tour offered! Ride on golf carts through Riverside Golf Course and discover the plentiful bird life and wildlife that inhabit the golf course grounds. Spot nesting pairs of Lewis's Woodpecker, baby eagles and a variety of waterfowl.

Level: Easy

Wed May 8th from 7:00 am to 9:00 am

MAX # 20

LOCATION: Fairmont Area

COST: \$30.00 (Includes a hot drink and a muffin)

Things to bring: dress for the weather, bug spray, sun screen, good hiking/walking boots, binoculars

The Spectacular Fairmont Hoodoos with Gretchen Whetham & Jo Ellen Floer of the Rocky Mountain Naturalists

Experience the dry bench lands west of the source of the Columbia River. We will walk about 5km along a network of dirt trails and loop back to the vehicles. From the rim of the hoodoos, we'll have a fine view of Dutch Creek, Columbia Lake and the Rocky Mountain Trench. Many birds, including Swifts, Grouse, Swallows and Raptors can be observed. Arrive at 7:30 for early birding around the trailhead; enjoy a nice variety of interesting birds. We'd like to acknowledge the generosity of Sue Coy & Lloyd Wilder for permission to access their private property on this hike.

Level: intermediate

Wed May 8th from 7:30 am to 11:00 am

Would you like to know more about, and how to predict weather? What the air is currently doing, what could change the weather and when will changes occur? With knowing the changing weather conditions, you can plan a safe and efficient outdoor activity and road trips. With knowing how to read and predict the weather for your active lifestyles, this workshop will show you how to plan wisely. Max is a world class paragliding pilot and adventure racer, who has participated four times in the “toughest adventure race in the world”, the Red Bull X Alps. Max and his partner, Penny, use their weather knowledge, not only for flying, but also in planning for the daily events and outings for their business, Columbia River Paddle.

Tues May 7th AND Wed May 8th from 6:00 pm to 9:30 pm (2-day Workshop)

MAX # 20

LOCATION: Invermere area

COST: \$99.00

Things to bring: Notebook

What Modern Birds Tell Us About Dinosaur Behavior with Lisa Buckley (Evening Presentation)

We know that dinosaurs were once living breathing animals, but much of their daily lives has a low chance of preserving well in the fossil record. What can our modern dinosaurs, a.k.a. birds, tell us about the lives and loves of extinct dinosaurs? A lot, actually!

Tues May 7th at 7:00 pm

MAX # 100

LOCATION: Pynelogs Cultural Centre

COST: \$25.00

Over the years, Wings Over

the Rockies has served as

the incubator for successful

organizations including

Greenways, Wild Voices for

Kids and the Take Flight

raptor rehabilitation cage.

Wetlands Paddle with a Local Naturalist

Experience the world class Columbia Wetlands by canoe/kayak during a morning paddle with a local naturalist. Discover the secrets of the ecology and morphology of the Columbia Wetlands and its surrounding landscape, along with a touch of local history. This leader will bring knowledge, enthusiasm and experience to this paddle, providing educational entertainment for all ages and levels of experience. Basic paddling experience preferred but not necessary.

Level: Easy

Wed May 8th from 9:00 am to 11:00 am

MAX # 24

LOCATION: Invermere Area

COST: \$30.00 (includes PFD, boats, paddles, guide)

Things to bring: Camera, water & dress for the weather

Students of the Headwaters – Columbia River Headwater Walk with Students from Martin Morigeau Elementary School

Come for a walk along the trail to the headwaters of the great Columbia River and gain a perspective of the cultural, social, and scientific (ecological) aspects of the river from the eyes of Canal Flats students.

If students are the leaders of tomorrow, let these students lead you today on an informative walk to the headwaters of the Columbia River. Students will entertain you with historical and cultural stories of the river, point out features of the watershed, and showcase models they've built. Since January, students have been learning about the headwaters, building models of watersheds and Indigenous tools as well as collaborating with the Ktunaxa and Shuswap local bands, local artists, Wildsight's Ecostewards program and the Columbia Lake Technology Centre. These students are working to share what they've learned through additional signage and art on the headwater's path.

Level: intermediate

Wed May 8th from 9:15 am to 10:15 am

MAX # 18

LOCATION: Canal Flats

COST: \$15 (with \$5 of the proceeds going directly to help fund the students' Signage Legacy Project)

Things to bring: Good footwear, hat and bug spray

2019 Wings Week Events • Presentations & Field Trips

WEDNESDAY MAY 8th

The Path to the Perfect Cup: Kicking Horse Coffee Facility Tour

Have you ever wondered how coffee is transformed from a green bean into the deep and delicious drink you know and love? Join us at coffee heaven and see how those bold, beautiful, bring-it-on beans become the hot stuff you can't live without. See for yourself what makes Kicking Horse Coffee North America's number-one Organic Fairtrade coffee company!
Wednesday May 8th from 10:00 am to 11:30 am
MAX # 10
LOCATION: Invermere
COST: \$15.00
Things to know: The tour takes place within a working production facility (there are a lot of beans, bucko). All tour participants must be pre-registered. The facility is a no-go-zone for cameras (including cell phones), jewelry, open-toed shoes or high heels (think, "If I were running away from a bear, what would I want to be wearing?").

BEE-WINGS Over The Rockies! With Morley Winnick & Jonathan Fischer at Beeland (Lunch Presentation)

These are the following topics that will be presented: bee-ing a beekeeper... DON'T! The uniqueness of bee keeping in the Rocky Mountain range and in the Columbia Valley. The environmental challenges upon the bees and the beekeeper (ie: bears, diseases). Managing honey bee colonies in this environment. Honey production and taking the crop. The life-giving importance of pollination to our lives. Heading toward a honey bee-friendly future. And a honey sampling!
Wed May 8th from 10:00 am to noon
LOCATION: Spillimacheen
MAX # 25
COST: \$27.00 (includes a box lunch with coffee & tea from "b.stro-to-go" coffee bar, located within the BEELAND STORE

The Bighorn Experience

This interactive educational experience will help you understand the habits and what makes the Bighorn Herd so unique and why the Village of Radium Hot Springs find these majestic animals so important to the community. Knowledgeable staff will provide a hands-on experience with props and tools and storytelling. The Bighorn Experience also includes video, take home printed material and a small token to say thank you for joining us. Join us and spend a couple of hours at the Radium Hot Springs Visitor Centre and learn about what makes Radium tick! ... The Radium Bighorns!
Wed May 8th from 10:00 am to noon
MAX # 15
LOCATION: Radium
COST: \$15.00

Students of the Headwaters – Columbia River Headwater Walk with Students from Martin Morigeau Elementary School

Come for a walk along the trail to the headwaters of the great Columbia River and gain a perspective of the cultural, social, and scientific (ecological) aspects of the river from the eyes of Canal Flats students. If students are the leaders of tomorrow, let these students lead you today on an informative walk to the headwaters of the Columbia River. Students will entertain you with historical and cultural stories of the river, point out features of the watershed, and showcase models they've built. Since January, students have been learning about the headwaters, building models of watersheds and Indigenous tools as well as collaborating with the Ktunaxa and Shuswap local bands, local artists, Wildsight's Ecostowards program and the Columbia Lake Technology Centre. These students are working to share what they've learned through additional signage and art on the headwater's path.
Level: intermediate
Wed May 8th from 10:30 am to 11:30 am
MAX # 18
LOCATION: Canal Flats
COST: \$15 (with \$5 of the proceeds going directly to help fund the students' Signage Legacy Project)
Things to bring: Good footwear, hat and bug spray

Ktunaxa Trails and Transportation with Chief Alfred Joseph

The Ktunaxa have occupied their Territory since time immemorial, and they have deep spiritual, cultural and social connections to the land and the water. Their relationship to the land and water, including all living things, is supported by their oral histories and teachings. Their Creation Story

follows the waterways within their Territory, highlighting the importance of the Columbia and Kootenay Rivers; both being central to their worldview. Historically, Ktunaxa relied on a variety of plant and animal resources that were harvested throughout the Territory according to seasonal availability. They travelled well-known transportation routes through the mountains and rivers of the Kootenay region and had a complex, well-orchestrated seasonal round that reflected a deep understanding of the environment in which they lived. Alfred Joseph, a Knowledge Holder and Nasukin (Chief) of akisq nuk, will be leading an interactive discussion facilitated by maps, photos and artifacts about the historic trails and transportation routes taken by Ktunaxa to move throughout their Territory.

Wed May 8th from 10:30 am to noon
MAX # 20
LOCATION: Invermere Area
COST: \$20.00

A Lecture for Egg-Heads with David M. Bird (Lunch Presentation)

Birds are the only taxon of vertebrates where no species bears live young. They lay eggs instead. Which bird species lays the largest egg? The smallest egg? Did you know that an extinct bird species used to lay eggs with a volume equivalent to 150 chicken eggs? How does one explain all the different colours and shapes of eggs? Why do some birds like American robins lay such conspicuously coloured eggs? Why do some bird species lay a specific number of eggs while others can lay several clutches if need be? Have you ever been grossed out by a seemingly fertile egg in the frying pan? And do brown chicken eggs taste better than white ones? Find out the answers to the questions and many more in Dr. Bird's slide-illustrated talk on eggs and clutches.
Wed May 8th from noon to 1:30 pm
MAX # 40
LOCATION: Fairmont area
COST: \$30.00 (includes lunch)

The Headwaters of the Columbia River with Gretchen Whetham & Jo Ellen Floer of the Rocky Mountain Naturalists

Explore the unique area, which connects the source of the Columbia River with the Kootenay River. Gretchen & Jo Ellen will guide visitors along a level, improved, interpretive trail at Canal Flats. Contemplate the struggles of David Thompson and William Adolph Baillie Grohman and enjoy the peace and quiet. Curious brushland, lovely clear springs and great birding. After the walk, anyone with an hour to spare can take a little driving tour. We can drive about 10 minutes to the West, up a gravel road and hop out at 2 roadside viewpoints. From here, we'll have a fine overview of the Headwaters area and eventually exit to the North along the Findlay Creek Forest Service Road which leads back to the highway. Your scope or telephoto lens will reveal the finer details.
Level: intermediate
Wed May 8th from 12:30 pm to 2:00 pm
MAX # 20
LOCATION: Canal Flats
COST: \$15.00
Things to Bring: Water, snack, layered clothing, binoculars, camera.

Ktunaxa Trails and Transportation with Chief Alfred Joseph

The Ktunaxa have occupied their Territory since time immemorial, and they have deep spiritual, cultural and social connections to the land and the water. Their relationship to the land and water, including all living things, is supported by their oral histories and teachings. Their Creation Story follows the waterways within their Territory, highlighting the importance of the Columbia and Kootenay Rivers; both being central to their worldview. Historically, Ktunaxa relied on a variety of plant and animal resources that were harvested throughout the Territory according to seasonal availability. They travelled well-known transportation routes through the mountains and rivers of the Kootenay region and had a complex, well-orchestrated seasonal round that reflected a deep understanding of the environment in which they lived. Alfred Joseph, a Knowledge Holder and Nasukin (Chief) of akisq nuk, will be leading an interactive discussion facilitated by maps, photos and artifacts about the historic trails and transportation routes taken by Ktunaxa to move throughout their Territory.

Wed May 8th from 1:00 pm to 2:30 pm
MAX # 20

LOCATION: Invermere Area
COST: \$20.00
Things to bring: please bring chairs, blankets and umbrellas if it rains. Dress for the weather

Old Coach Trail Interpretive Walk with Ross MacDonald

The Old Coach Greenway trail is located within the provincial Columbia River Wildlife Management Area, a component of one of the longest contiguous wetland systems in North America. The trail offers outstanding views of the historic Columbia River, the travel route used by indigenous peoples, fur traders and settlers. Natural hoodoos are also visible as the trail passes through Christmas tree farms and the grasslands that are habitat to bighorn sheep, numerous birds and rare plants.
Level: Intermediate
Wed May 8th from 1:00 pm to 5:00 pm
MAX # 20
LOCATION: Invermere area
COST: \$20.00
Things to bring: Good walking hiking shoes, water, binoculars, hat, sunscreen, bug spray and camera

Explore and Soar with Valley Zipline Adventures

Come explore with us while we soar through the trees on this unique adventure while experiencing Dry Gulch and the Columbia Valley Wetlands. You'll zip through our 7-line course with 2 guides, providing an adventurous and educational experience. You'll hear about local ecology, geography, and the indigenous culture that connects throughout our valley. After the Zipline Tour, challenge yourself to our 35 Foot Jump Tower and Climbing Wall. The top of this Adventure Tower puts you above the trees for a bird's eye view with remarkable views.
All Levels
Wed May 8th from 1:00 pm to 3:30 pm
MAX # 10 Weight: between 65 & 250 lbs. Height: 48 Inches and up
LOCATION: Radium area
COST: \$72.00
Things to bring: Be sure to wear close-toed shoes and weather appropriate clothing

Important Information:

-Please arrive to our site 30 minutes prior to your tour time. This allows time for parking, walking to the main site (about a 3-minute walk from the parking lot), checking in, signing waivers, and meeting your guides at the gear up area.
- Be sure to wear close-toed shoes and weather appropriate clothing
-You are welcome to bring a camera and water bottle, if these items have straps (fallen items may become broken and/or lost).
-Please be sure to meet our height and weight requirements:
o Minimum height = 48 inches/4 feet
o Minimum weight = 65 lbs
o Maximum weight = 250 lbs
Contact us directly if you have any other questions
email – info@valleyzip.com
phone – 250.347.7627

Columbia River Paddle with BC Rockies Adventures Guides

Discover the gem of the Columbia Valley with Fairmont Hot Springs Resort's Activity Centre Guides. Enjoy the fantastic landscape which includes panoramic views of snow-capped mountains, eagles, ospreys, mule deer, and fish; all while learning about the importance of wetlands for humans and wildlife. If you want to see Lewis's woodpeckers, this is the tour for you! This is a great opportunity for anyone (beginner to expert) to enjoy nature at its best. This is an interpretive tour that involves basic instruction to kayaking. We put in on the South end of Fairmont Hot Springs and paddle to the North end of the community.
Level: Intermediate
Wed May 8th from 2:00 pm to 4:00 pm
MAX #12, Ages 12+
LOCATION: Fairmont Area
COST: \$49.00
Things to bring: dress for the weather, bug spray, sun screen, binoculars, snacks and water

Wings 2019 Festival At A Glance Pull Out Section

FIELD TRIP RECOMMENDATIONS

Our mountain weather can be unpredictable. Even on a hot sunny day the weather conditions can change quickly. Please be 'wings weather wise' when attending field trips. We also recommend wearing sturdy walking shoes. Bring water, snacks or lunch. A camera and binoculars can enhance your experience!



Wings Over the Rockies Festival

We Welcome Donations! We Welcome Sponsors!

Charitable Tax Receipts available



Check out our website for:

- Interesting articles • Tourism information • Up to Date Exciting NEWS
- Details on our Presenters & Event Leaders





**Registration
Required for all
Events**

**Registration
Starts on
April 8th**

HOW TO REGISTER

24-Hour Online
www.wingsovertherockies.org
Booking on-line is the fastest and most efficient method for Registration

Telephone
1-855-342-2473 toll free
250-342-2473 local • Please see hours below

Walk-in
Pynelogs Cultural Centre • Next to
Kinsmen Beach, Invermere, BC
Please see hours below

Hours
For Walk-In & Telephone
Registration
April 8 from 9 to 1 pm
April 15 to May 2
Mondays & Thursdays 11am to 1pm
Monday May 6
9am to 1pm

General Enquiries
registrations@wingsovertherockies.org

Refund Policy: All Wings Over the Rockies events and activities are non-refundable after April 30, 2019. In the event that Wings organizers must cancel an activity or event a full refund will apply. Like water off a duck's back, scheduled events will go rain or shine.

Time	Sat May 4 & Sun May 5	Monday - May 6	Tuesday - May 7	Wednesday - May 8	Thursday - May 9	Friday - May 10	Saturday - May 11	Sunday - May 12
6:00		• Exploring the Dawn's Early-Birds		• Exploring the Dawn's Early-Birds		• Exploring the Dawn's Early-Birds	• Bird 'Nerding' for Newbies – Fri & Sat Field Trip	• Bird 'Nerding' for Newbies – Fri & Sun Field Trip
7:00			• Explore Kindersley Creek	• Birding by Golf Cart	• Explore Bruce Creek • Birding by Golf Cart			
7:30			• Wilmer Wetland Experience	• The Spectacular Fairmont Hoodoos				
8:00	• Carve & Paint a 1/2 size Common Loon May 4th & 5th. From 8 am to 5 pm	• Wacky Waterbirds!	• Luxor Linkage: Connections to Land & Water	• Wildfire & Forest Ecology			• Explore with Laval & Cam	
8:30				• Swansea Hike – Ceiling of the Valley!	• Citizen Science Exploration		• The Birds of Wasa Lake & Bummer Flats	• Paddle the Columbia Wetlands with Laval St. Germain
9:00		• Connecting Lakes to Mountain Streams • Wetlands Paddle with a local Naturalist	• Bison, Bugs & Birds Field Trip	• Wetlands Paddle with a local Naturalist	• Guided River Tour of the Upper Columbia Wetlands	• Explore Fairmont with A Bar Z Trail Rides • Creekside Exploration & Restoration	• Wetlands Paddle with a local Naturalist	
9:15				• Students of the Headwaters				
9:30		• Collecting Modern Bird Tracks	• Explore the Birds & Flora of Lake Enid • Invermere to Radium BBQ Lunch on the River Paddle			• Forest Therapy • Invermere to Radium BBQ Lunch on the River - Paddle	• Busy Legs	
10:00			• The Path to the Perfect Cup: Facility Tour • Explore: Skookumchuck Prairie Important Bird Area • History of the Hot Springs Tour	• The Path to the Perfect Cup: Facility Tour • BEE-WINGS Over the Rockies! • The Bighorn Experience	• The Path to the Perfect Cup: Facility Tour • The Bighorn Experience • Waterfalls & Wetlands	• History of the Hot Springs Tour • Waterfalls & Wetlands • Walking with Coyote	• The Land of Smoking Water	
10:30				• Students of the Headwaters • Ktunaxa Trails & Transportation		• Explore Fairmont with A Bar Z Trail Rides		
11:00			• Explore the Local Food System – Lunch Presentation				• Stand Up Paddle (SUP) Tour	
12:00		• Bison, Bugs & Birds – Lunch Presentation	• Behavior & Habitats of Dinosaurs – Lunch Presentation	• A Lecture for Egg-Heads – Lunch Presentation	• Between Rock & Hard Places: Wolverines – Lunch Presentation	• Explore Fairmont with A Bar Z Trail Rides	• Bullfrogs in the Columbia Wetlands	
12:30				• The Headwaters of the Columbia River		• Touring Columbia Valley Local Food: One Farm at a Time – Lunch Presentation		
1:00				• Ktunaxa Trails & Transportation • Old Coach Trail Interpretive Walk • Explore & Soar with Valley Zipline	• Petal to the Metal • Crazy About Columbia Lake • Exploring our inner Nature with Nature • Exploring the Journey of Vodka • Explore & Soar with Valley Zipline	• Birding Apps for Dummies	• Field School: Wetland Enhancement & Monitoring 101 • Flight Cage Open House	
1:30		• Collecting Modern Bird Tracks	• Explore the Birds & Flora of Lake Enid	• Akisqnuq First Nation Cultural Welcome	• Explore Fairmont with A Bar Z Trail Rides			
2:00		• The Swan' – A Film	• Windermere Creek Sampling Tour	• Columbia River Paddle	• Columbia River Paddle • A Stream Through Time: Sinclair Creek		• Columbia River Paddle	
3:00						• Explore Fairmont with A Bar Z Trail Rides • Bird 'Nerding' for Newbies – Fri & Sat • Bird 'Nerding' for Newbies – Fri & Sun		
3:30		• Guided Evening Columbia River Trip						
4:00				• Wild Food & Medicine				
4:30			• Windermere Creek Sampling Tour • Prospecting for Ice Age Fossils from Glacial Deposits					
5:00					• Historical Tour of Taynton Bay by Voyager Canoe		23rd Annual Gala Event & Keynote: 'Step Out & Shove Off' With Laval St. Germain	
5:30						• Wild Ideas Café with Suzanne Simard		
6:00			• Meteorology Workshop May 7th & 8th	• Meteorology Workshop May 7th & 8th				
7:00		• Exploring Canada's Past: Early Explorers & the Fur Trade with Rod Martin – Evening Presentation	• What Modern Birds Tell Us About Dinosaur Behaviour with Lisa Buckley – Evening Presentation	• Go Ahead, Explore! Learning from the Burning with Bob Sandford – Evening Presentation • Taynton Bay Spirits – Masters of Infusion	• Paddling Film Fest...Explore!	• David Thompson: Epic Wanderer & Observer with Ross MacDonald – Evening Presentation		
7:30						• Drumming By Nature		
8:00						• Eavesdrop on Bats		

Meeting place and directions for registered events will be forwarded by email confirmation after registration.



Approximate driving time in minutes from Invermere to:

Edgewater	20	Canal Flats	30
Golden	75	Wasa	60
Windermere ...	10	Kimberley	90
Fairmont	20		

Wings Over the Rockies has collaborated with other organizations in support of long term horsepower restrictions to protect the remarkable Columbia River wetlands



2019 Wings Week Events • Presentations & Field Trips

WEDNESDAY MAY 8th

Wild Food and Medicine with Kalista Pruden

Join local naturalist, permaculturalist and eco-educator Kalista Pruden on this family friendly light hike to explore the art and science of wildcrafting, wild foraging and ethnobotany. Learn where to look for and how to use wild plants for food, medicine, tools and other uses.

Level: easy
Wed May 8th from 4 pm to 6 pm

MAX #20
LOCATION: Wilmer area
COST: \$15.00

Things to bring: Dress for the weather, good footwear for light hiking, snacks, water, camera

Historical Tour of Taynton Bay by Voyager Canoe

Join one of our experienced and knowledgeable guides by going back in history, and learning about the explorers of the area, David Thompson, Taynton family, Pynelogs Cultural Center (Robert Randolph Bruce, Lieutenant Governor of British Columbia), Fort Point and much more. No paddle experience necessary.

Level: easy
Wed May 8th from 5:00 pm to 6:30 pm

MAX # 24
LOCATION: Kinsmen Beach

COST: \$30.00 (includes PFD, boats, paddles, guide)

Things to bring: Camera, water & dress for the weather

Meteorology Workshop from an Adventure Racer and Pilot Perspective with Max Fandler & Penny Powers (2-day Workshop)

Would you like to know more about, and how to predict weather? What the air is currently doing, what could change the weather and when will changes occur? With knowing the changing weather conditions, you can plan a safe and efficient outdoor activity and road trips. With knowing how to read and predict the weather for your active lifestyles, this workshop will show you how to plan wisely. Max is a world class paragliding pilot and adventure racer, who has participated four times in the "toughest adventure race in the world", the Red Bull X Alps. Max and his partner, Penny, use their weather knowledge, not only for flying, but also in planning for the daily events and outings for their business, Columbia River Paddle.

Tues May 7th AND Wed May 8th from 6:00 pm to 9:30 pm (2-day Workshop)

MAX # 20
LOCATION: Invermere area
Things to bring: Notebook
Cost: \$99.00

Go Ahead, Explore! Learning from the Burning: Sustainability in the Wake of The Summer of 2018 with Bob Sandford (Evening Presentation)

It is widely held within climate science circles that the summer of 2018 marked the point where the North Hemisphere crossed an invisible threshold into a new and more turbulent climate regime. What happened in British Columbia was mirrored in extreme weather events, flooding, drought and

wildfire right across Europe and much of Asia. This presentation outlines lessons we learned in 2018 and what the implications might be in terms of how we define and frame sustainability in the future. As this presentation will reveal, there is some good news here. New research findings suggest that extraordinary efforts to restore natural system function may be our own practical and affordable way forward in the future. You have already proven in the Columbia Valley that each of us can make a difference personally by urgently focussing on working together to understand, protect, restore and rehabilitate natural system function and resilience where we have the most power to effect change; in the world immediately around us, on our own properties and in the communities and regions in which we live. You have created genuine hope for the future. It is up to you, now, to keep that hope alive.

Wed May 8th at 7:00 pm
MAX # 100
LOCATION: Invermere
COST: \$25.00

Taynton Bay Spirits - Masters of Infusion

Flavoured vodkas are very popular. At Taynton Bay Spirits we don't flavour, we infuse. We use all real ingredients to get our unreal flavoured vodkas. Using real fruit and loose-leaf tea, our spirits come alive. Come learn about our process, why we do what we do, and enjoy a flight of samples as we chat.

Wed May 8th at 7:00 pm
MAX # 16
LOCATION: Invermere area
COST: \$20.00

2019 Wings Week Events • Presentations & Field Trips

THURSDAY MAY 9th

Explore Bruce Creek with Bob Parsons

Explore the Wilmer wetland views and then take a drive along Bruce Creek Forestry Road. Pockets of deciduous forest, wetlands and small lakes. We will visit Lake Enid for a leisurely hike and then move onto the Living Forest trail (moderate hiking). Enjoy calling out to various birds singing and try to spot the Sara Orange Tip butterfly!

Level: moderate
Thu May 9th from 7:00 am to 12:30 pm
MAX # 12
LOCATION: West of Invermere

COST: \$20
Things to bring: Bring a lunch, suitable walking shoes, water, snack, dress for the weather, bug spray, walking sticks, binoculars (recommendations only)

Birding by Golf Cart with BC Rockies Adventure Guides

Join the Activity Centre Guides for the most relaxing birding tour offered! Ride on golf carts through Riverside Golf Course and discover the plentiful bird life and wildlife that inhabit the golf course grounds. Spot nesting pairs of Lewis's Woodpecker, baby eagles and a variety of waterfowl.

Level: Easy
Thu May 9th from 7:00 am to 9:00 am

MAX #20
LOCATION: Fairmont Area
COST: \$30.00 (Includes a hot drink and a muffin)

Things to bring: dress for the weather, bug spray, sun screen, good hiking/walking boots, binoculars

Citizen Science Exploration with Dave Zehnder

Come explore the Zehnder ranch and learn to be a researcher. We will be exploring techniques for a Research Project from the experts at Bird Studies Canada on how to use an exciting new tool to capture important sightings of endangered species. While we tour the Zehnder ranch we will acquire skills to be citizen scientist on identifying species at risk, photographing them and uploading the sightings to the e-bird Canada website.

Level: easy
Thu May 9th from 8:30 am to 11:30 am

MAX # 20
LOCATION: Invermere area

COST: \$20.00

What to bring: Camera and/or cellphone. Dress for the weather

Guided River Tour of the Upper Columbia Wetlands to Lake Windermere with David Bird

Join Dr. David Bird and our knowledgeable and highly skilled guides on a fun-filled paddle on the shores of Lake Windermere to identify the various kinds of water birds and to discuss how they have adapted to living there. During his forty years, Dr. Bird has taught about birds, led numerous birding trips, given hundreds of talks on birds to all ages, and written countless articles about them. It is Ornithology 101 while sitting in a canoe! Learn about the spectacular and scenic Lake Windermere body of water, exploring intricate facts about this great North American river and its ecologically important wetlands, along with its abundant birds, fish, reptiles and mammals. Historical, geographical and geological information will be shared and discussed along the length of this brilliant waterway. Basic paddling experience necessary.

A perfect accompaniment to this trip is the Akisqnuk First Nation Cultural Welcome event. Separate registration required.

Level: easy
Thu May 9th from 9:00 am to 1:00 pm

MAX # 42
LOCATION: Fairmont area
COST: \$65.00 (includes PFD, boats, paddles, guide and transportation put-in)

What to bring: Camera and/or cellphone. Dress for the weather

The Path to the Perfect Cup: Kicking Horse Coffee Facility Tour

Have you ever wondered how coffee is transformed from a green bean into the deep and delicious drink you know and love? Join us at coffee heaven and see how those bold, beautiful, bring-it-on beans become the hot stuff you can't live without. See for yourself what makes Kicking Horse Coffee North America's number-one Organic Fairtrade coffee company!

Thursday May 9th from 10:00 am to 11:30 am

MAX # 10
LOCATION: Invermere

COST: \$15.00

Things to know: The tour takes place within a working production facility (there are a lot of beans, bucko). All tour participants must be pre-registered. The facility is a no-go-zone for cameras (including cell phones), jewelry, open-toed shoes or high heels (think, "If I were running away from a bear, what would I want to be wearing?").

The Bighorn Experience

This interactive educational experience will help you understand the habits and what makes the Bighorn Herd so unique and why the Village of Radium Hot Springs find these majestic animals so important to the community. Knowledgeable staff will provide a hands-on experience with props and tools and storytelling. The Bighorn Experience also includes video, take home printed material and a small token to say thank you for joining us.

Join us and spend a couple of hours at the Radium Hot Springs Visitor Centre and learn about what makes Radium tick! ... The Radium Bighorns!

Thu May 9th from 10:00 am to noon
MAX # 15
LOCATION: Radium
COST: \$15.00

Waterfalls and Wetlands with Ron Grams

The Columbia River Wetlands is fed and nurtured by countless rivers, creeks and springs. Bugaboo Creek flows east out of the Purcell Mountains and enters the Columbia River near the hamlet of Spillimacheen. At this event we will explore the glacial history of North America and investigate sites that document key geomorphological processes that have shaped the Columbia Valley during the major de-glaciation that has occurred over the past 20,000 years. We'll have lunch overlooking a gorgeous waterfall then end our trip at a pioneering homestead in the heart of the Spillimacheen wetlands.

Level: moderate (2-3 km hike with short, steep inclines)
Thu May 9th from 10:00 am to 3:00 pm

MAX # 8
LOCATION: Spillimacheen area

COST: \$25

Things to bring: hiking/wind/rain gear, lunch, binoculars

Between Rock and Hard Places: Wolverines in multi-use landscapes of Alberta with Dr. Tony Clevenger (Lunch Presentation)

Wolverines are elusive creatures that are increasingly seen as bellwethers of ecosystem health and biodiversity. They naturally occur in low numbers and to survive, they need vast interconnected blocks of wilderness to survive that transcend political boundaries. The presentation will describe a 6-year effort using non-invasive (camera- and DNA-based) surveys in the Canadian Rockies coordinated with provincial and national parks and research institutions in Alberta, BC and the US. The research will provide science-based information

2019 Wings Week Events • Presentations & Field Trips

THURSDAY MAY 9th

on a 'sentinel' species and will inform ongoing and future wolverine management and land use planning decisions in the Rockies.

Thu May 9th from noon to 1:30 pm
MAX # 40
LOCATION: Fairmont area
COST: \$30.00 (includes lunch)

PETAL TO THE METAL with Andrea Petzold

Join us for an introduction to the wildflowers of The Purcell and Rocky Mountains. We will stroll through some flower meadows and examine the differences between many similar looking flowers. We will discover what flowers grow near water, near rocks and near higher elevations. Many early season flowers are in bloom! We will have an individual photo display of wild flowers showing their important characteristics.

Level: easy
Thu May 9th from 1:00 pm to 3:00 pm
MAX # 12
LOCATION: Invermere Area
COST: \$20.00

Things to bring: dress for the weather and wear good walking shoes.

Crazy About Columbia Lake with Nancy Wilson

The Columbia Lake Stewardship Society, a citizen-based group interested in the health of Columbia Lake would like to take you on a tour of the lake. Nancy (chair of CLSS) will meet at Coluere Marina and head onto the lake on a pontoon boat. Our time on the boat will be spent discussing the current condition of Columbia Lake and the challenges and pressures that face it.

Level: Easy
Thu May 9th from 1:00 pm to 4 pm
MAX # 10
COST: \$25.00

LOCATION: Columbia Lake

Things to bring: Water, snack, dress for potentially cooler weather on the lake. Lifejackets provided.

Exploring our inner Nature with Nature – Natalie Forrest

John Muir says it best: "I finally concluded that going out was really going in." We'll explore our sensory connections in Nature and why that helps us be healthier and more peaceful. We will discover and play with more than 5 senses whilst being present in Nature. We'll be exploring the question(s) what is our connection with Nature if we see Nature not as a playground, a retreat, or a resource? We will begin with some of the basics of Applied Eco-Psychology to explore our inner nature's connection to Nature.

Level: easy
Thurs May 9th from 1:00 pm to 3:00 pm
MAX # 12
LOCATION: Invermere area

COST: \$20
Things to bring: JOURNAL, Writing Utensil, appropriate attire for outside (we'll be outside the whole time with no access to a bathroom), water (if you desire), sense(s) of humour and insight.

Exploring the Journey of Vodka - Grain to Bottle

All of the grain for Taynton Bay Spirits is grown locally at Shutter Farms just outside Invermere. Join Egbert Shutter and staff from Taynton Bay Spirits for a farm tour and tasting. We will discuss what it takes to turn the beautiful wheat into clean tasting, award winning vodka. We will of course sample the end product!

Thu May 9th from 1:00 pm to 4:00 pm
MAX # 20
LOCATION: Invermere area
COST: \$20.00

Explore and Soar with Valley Zipline Adventures

Come explore with us while we soar through the trees on this unique adventure while experiencing Dry Gulch and the Columbia Valley Wetlands. You'll zip through our 7-line course with 2 guides, providing an adventurous and educational experience. You'll hear about local ecology, geography, and the indigenous culture that connects throughout our valley. After the Zipline Tour, challenge yourself to our 35 Foot Jump Tower and Climbing Wall. The top of this Adventure Tower puts you above the trees for a bird's eye view with remarkable views.

All Levels
Thu May 9th from 1:00 pm to 3:30 pm
MAX # 10 Weight: between 65 & 250 lbs. Height: 48 Inches and up
LOCATION: Radium area

COST: \$72.00
Things to bring: Be sure to wear close-toed shoes and weather appropriate clothing

Important Information:

- Please arrive to our site 30 minutes prior to your tour time. This allows time for parking, walking to the main site (about a 3-minute walk from the parking lot), checking in, signing waivers, and meeting your guides at the gear up area.

- Be sure to wear close-toed shoes and weather appropriate clothing
- You are welcome to bring a camera and water bottle, if these items have straps (fallen items may become broken and/or lost).

- Please be sure to meet our height and weight requirements:

- Minimum height = 48 inches/4 feet
- Minimum weight = 65 lbs
- Maximum weight = 250 lbs

Contact us directly if you have any other questions
email – info@valleyzip.com
phone – 250.347.7627

Akisqnuk First Nation Cultural Welcome to the Wetlands

Enjoy a traditional welcome to the shores of the Akisqnuk First Nation with drumming, dancing and a frybread snack. The wetlands of this area offer numerous sightings of birds and provide photo opportunities, feel free to stay longer if you wish.

Level: Easy
Thu May 9th from 1:30 pm to 3:00 pm
MAX # 50
LOCATION: Windermere area
COST: \$20.00 (includes snack)

Things to bring: Water and dress for the weather

Columbia River Paddle with BC Rockies Adventures Guides

Discover the gem of the Columbia Valley with Fairmont Hot Springs Resort's Activity Centre Guides. Enjoy the fantastic landscape which includes panoramic views of snow-capped mountains, eagles, ospreys, mule deer, and fish; all while learning about the importance of wetlands for humans and wildlife. If you want to see Lewis's woodpeckers, this is the tour for you! This is a great opportunity for anyone (beginner to expert) to enjoy nature at its best. This is an interpretive tour that involves basic instruction to kayaking. We put in on the South end of Fairmont Hot Springs and paddle to the North end of the community.

Level: Intermediate
Thu May 9th from 2:00 pm to 4:00 pm
MAX #12, Ages 12+
LOCATION: Fairmont Area
COST: \$49.00

Things to bring: dress for the weather, bug spray, sun screen, binoculars, snacks and water

A Stream Through Time: Sinclair Creek Greenway with Ross MacDonald

Travel through time on this 2 km walk along the banks of Sinclair Creek. The journey begins where the Ktunaxa and Shuswap people harvested spawning salmon from the creek. It then continues through the age of settlers with their dikes, flumes and sluice boxes used to work the creek. Your voyage brings you to the present, where the Columbia River Greenways Alliance and the Village of Radium Hot Springs have partnered to restore the stream channel to benefit Kokanee Salmon. Test your knowledge of rock weirs, embedded logs and other stream restoration structures. This greenway will eventually connect to the greenway trail network that will link Radium to Fairmont. Additional details are available on this trail: www.greenways.ca

Level: Easy
Thu May 9th from 2:00 pm to 4:00 pm
MAX # 20
LOCATION: Radium area
COST: \$20.00

Paddling Film Festival...Explore!

Join us for this year's best paddling films. You'll be inspired to explore rivers, lakes and oceans, possibly push extremes, embrace the paddling lifestyle and appreciate wild places.

Thu May 9th from 7:00 pm to 9:00 pm
MAX # 80
LOCATION: Invermere
COST: \$15.00/adult, \$10.00/child (10 & under) (Food and drinks available at additional cost)



CRESTON VALLEY BIRD FEST 2019
Where the Birds Are ...
MAY 10,11,12

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with Ursula, Ingrida, Max, and us too!

Keynote Speaker
Dr. David Bird

Photography Workshop
Lydia Grisdale

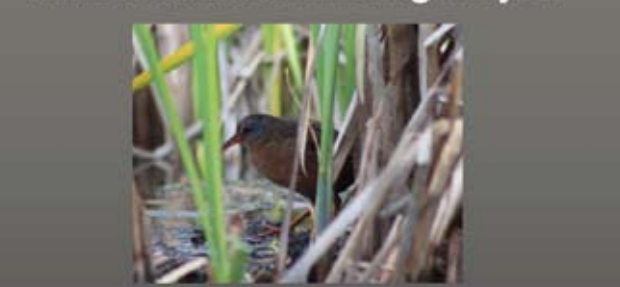
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Volunteers Wanted on Marsh Bird Monitoring Project



Assist a biologist, experience the Columbia Wetlands, hear & see secretive marsh species. No bird experience necessary, but volunteers should be proficient with use of small watercraft & available 6-8 hrs during an early morning in May or June.

Interested? Contact racheldarvill@gmail.com

Goldeneve Ecological Services gratefully acknowledges the financial support of the Fish & Wildlife Compensation Program, and ECC Canadian Wildlife Service for their contributions to the Columbia Wetlands Marsh Bird Monitoring Project.



2019 Wings Week Events • Presentations & Field Trips

FRIDAY MAY 10th

Exploring the Dawn's Early-Birds with Bob Parsons

Start your day early, with the sounds of the songbirds as they begin their day. Enjoy the peace and tranquility of the nearby Lake where you'll get a full-sensory explosion of sounds and sights from the smallest to largest of birds and maybe even a turtle, otter or muskrat sighting.

Level: easy
Fri May 10th from 6:00 am to 7:30 am
MAX # 12
LOCATION: Invermere
COST: \$15
Things to bring: Good footwear, bug spray and dress for the weather

Explore Fairmont Hot Springs with A Bar Z Trail Rides

Join A Bar Z as they take you around the beautiful Fairmont Hot Springs landscape with panoramic views, while enjoying a relaxing horseback ride. This one-hour trail ride gives you plenty of time to explore the woodlands and take in the vast variety of wildlife.

Level: no experience necessary
Fri May 10th from 9:00 am to 10:00 am
MAX #5, Ages 6+
LOCATION: Fairmont Area
COST: \$79.00
Things to bring: dress for the weather, bug spray, sun screen, camera, snacks and water

Creekside Exploration & Restoration with the East Kootenay Invasive Species Council (EKISC) with Jessie Paloposki

Since 2016 EKISC has been fighting with one of the regions priority invasive plants, Field Scabious, along the banks of Sinclair Creek in Radium. After all the pulling and digging, they are now in the final stages of restoration and you can join the fun! Come learn about how this plant arrived in the area, the affect it has had on the ecosystem, and how to prevent these types of invasions in the future. Share in the fun of getting your hands dirty covering the ground with new soil and planting native trees and shrubs along the creek. EKISC provides light refreshments, lunch, tools, gloves, restoration materials, and plants.

Level: moderate
Fri May 10th from 9:00 am to 3:00 pm
MAX # 25
LOCATION: Radium area
COST: \$40.00

Things to bring: We suggest you dress in layers that include long pants, long sleeve shirt and a jacket. Sturdy footwear such as work boots, mud boots, hiking boots or running shoes are best. Bring a water bottle. Please come prepared for the weather and wear older clothing that you don't mind getting dirty.

Forest Therapy with Pat Bavin

We will engage our senses with the five elements of Nature while walking slowly in between "sit spots", where we sit quietly and take notice of the Forest Invitations that are available around us. Forest Therapy will boost your immune system, lower blood pressure, reduce stress, and improve sleep, along with other health benefits.

Level: Moderate
Fri May 10th 9:30 am to 1:30 pm
MAX #12
LOCATION: Fairmont area
COST: \$50.00
Things to bring: Dress for weather. Bring paper and pencil, snacks & water

Invermere to Radium BBQ Lunch on the River Paddle

On this 3 to 5 hour flat-water paddle from Invermere to Radium Hot Springs (17 km) you will spend a leisurely morning on the Columbia River exploring the local waterways. The Columbia River Wetlands lure more than 250 species of birds. Eagles, ospreys and herons are common site throughout the season as are various species of wildlife. A delicious open fire BBQ lunch will be served riverside. Vegetarian option will be available. Basic paddling experience necessary.

Level: easy
Fri May 10th from 9:30 am to 3:00 pm
MAX # 60
LOCATION: Invermere
COST: \$75.00 (includes PFD, boats, paddles, guide, BBQ lunch, and return transportation)
Things to bring: Camera, water & dress for the weather

History of the Hot Springs Tour with BC Rockies Adventure Guides

Join the Activity Centre Guides to explore the history behind the hot water. Learn about the early settlers of Fairmont Hot Springs and the Resort's history.

Level: Intermediate
Fri May 10th from 10:00 am to 11:30 am
MAX #20

LOCATION: Fairmont Area
COST: \$15.00
Things to bring: dress for the weather, bug spray, sun screen, binoculars, good hiking/walking shoes, snacks and water

Waterfalls and Wetlands with Ron Counts

The Columbia River Wetlands is fed and nurtured by countless rivers, creeks and springs. Bugaboo Creek flows east out of the Purcell Mountains and enters the Columbia River near the hamlet of Spillimacheen. At this event we will explore the glacial history of North America and investigate sites that document key geomorphological processes that have shaped the Columbia Valley during the major de-glaciation that has occurred over the past 20,000 years. We'll have lunch overlooking a gorgeous waterfall then end our trip at a pioneering homestead in the heart of the Spillimacheen wetlands.

Level: moderate (2-3 km hike with short, steep inclines)
Fri May 10th from 10:00 am to 3:00 pm
MAX # 8
LOCATION: Spillimacheen area
COST: \$25
Things to bring: hiking/wind/rain gear, lunch, binoculars

Walking with Coyote with Dr. Shelley Alexander

Coyotes, called song dogs by some early cultures, evolved in North America. The urban coyote now lives in fragments of nature that are surrounded by urban development. We will walk above the Columbia Wetlands which supports a small group of coyotes and is a good example of the ecological challenges of living in a greenspace so close to an urban area.

Level: Moderate
Fri May 10th from 10:00 am to 12:30 pm
MAX # 24
LOCATION: Invermere area
COST: \$15
Things to bring: water, snack, binoculars & dress for the weather

Explore Fairmont Hot Springs with A Bar Z Trail Rides

Join A Bar Z as they take you around the beautiful Fairmont Hot Springs landscape with panoramic views, while enjoying a relaxing horseback ride. This one-hour trail ride gives you plenty of time to explore the woodlands and take in the vast variety of wildlife.

Level: no experience necessary
Fri May 10th from 10:30 am to 11:30 am
MAX #5, Ages 6+
LOCATION: Fairmont Area

2019 Wings Week Events • Presentations & Field Trips

FRIDAY MAY 10th

COST: \$79.00
Things to bring: dress for the weather, bug spray, sun screen, camera, snacks and water

Explore Fairmont Hot Springs with A Bar Z Trail Rides

Join A Bar Z as they take you around the beautiful Fairmont Hot Springs landscape with panoramic views, while enjoying a relaxing horseback ride. This one-hour trail ride gives you plenty of time to explore the woodlands and take in the vast variety of wildlife.

Level: no experience necessary
Fri May 10th from noon to 1:00 pm
MAX #5, Ages 6+
LOCATION: Fairmont Area
COST: \$79.00
Things to bring: dress for the weather, bug spray, sun screen, camera, snacks and water

Touring Columbia Valley Local Food: One Farm at a Time with Alison Bell (Lunch Presentation)

In its simplest meaning, a food system includes everything involving the production, processing, transportation and consumption of food. Missing from that description is the environmental impact, the social impact, the cultural impact and more. The global food system sees food travelling thousands of miles, while the local food system may see food travel mere steps from farm to fork. Both systems have benefits and drawbacks. Join us for a delicious lunch prepared using as many local ingredients we can find while we explore the food system of the Columbia Valley, one farm at a time.

Fri May 10th from 12:30 pm to 2:00 pm
MAX # 70
LOCATION: Invermere
COST: \$35.00 (\$5 goes to the fundraiser for the Columbia Valley Local Food Guide)

Birding Apps for Dummies with Nick Bartok

With the innovation of the cell phone, birding apps have followed suit. With many apps to choose from, this workshop will review some of the more popular ones and provide a lesson on how to use three: Sibley Guide to Birds, eBird, and BirdsEye.

Fri May 10th from 1:00 to 2:45 pm
MAX # 20
LOCATION: Invermere area
COST: \$15.00
Things to bring: Cell phone or tablet with the ability to install apps. Be prepared for a short walk around Pynelogs Cultural Centre to practice with apps.

Explore Fairmont Hot Springs with A Bar Z Trail Rides

Join A Bar Z as they take you around the beautiful Fairmont Hot Springs

landscape with panoramic views, while enjoying a relaxing horseback ride. This one-hour trail ride gives you plenty of time to explore the woodlands and take in the vast variety of wildlife.

Level: no experience necessary
Fri May 10th from 1:30 pm to 2:30 pm
MAX #5, Ages 6+
LOCATION: Fairmont Area
COST: \$79.00
Things to bring: dress for the weather, bug spray, sun screen, camera, snacks and water

Explore Fairmont Hot Springs with A Bar Z Trail Rides

Join A Bar Z as they take you around the beautiful Fairmont Hot Springs landscape with panoramic views, while enjoying a relaxing horseback ride. This one-hour trail ride gives you plenty of time to explore the woodlands and take in the vast variety of wildlife.

Level: no experience necessary
Fri May 10th from 3:00 pm to 4:00 pm
MAX #5, Ages 6+
LOCATION: Fairmont Area
COST: \$79.00
Things to bring: dress for the weather, bug spray, sun screen, camera, snacks and water

Bird 'Nerding' for Newbies with Nick Bartok (Fri & Sat)

Join us in understanding the basics of bird watching through an informative in-class session and a field trip to a local eBird hotspot. We will also discuss online programs (e.g., eBird) and apps for your phone.

Level: easy
Fri May 10th from 3:00 to 5:00 pm AND Sat May 11th from 6:00 am to 8:00 am (2-day workshop)
MAX # 10
LOCATION: Invermere area
COST: \$20.00
Things to bring: Be prepared for weather extremes (cold, warm, rain) and bring along your binoculars and spotting scope if you have one. Field trips will involve light, but flat hiking. A pen and notebook will be useful for the classroom session and a cell phone with the eBird and BirdEye apps will be useful.

Bird 'Nerding' for Newbies with Nick Bartok (Fri & Sun)

Join us in understanding the basics of bird watching through an informative in-class session and a field trip to a local eBird hotspot. We will also discuss online programs (e.g., eBird) and apps for your phone. The in-class session will be held at the Pynelogs Cultural Centre (upper level).

Level: easy
Fri May 10th from 3:00 to 5:00 pm AND Sun May 12th from 6:00 am to 8:00 am (2-day workshop)

MAX # 10
LOCATION: Invermere area
COST: \$20.00
Things to bring: Be prepared for weather extremes (cold, warm, rain) and bring along your binoculars and spotting scope if you have one. Field trips will involve light hiking. A pen and notebook will be useful for the classroom session and a cell phone with the eBird and BirdEye apps will be useful.

David Thompson: Epic Wanderer & Observer with Ross MacDonald (Evening Presentation)

Fur trader, explorer, surveyor, inventor and extraordinary mapmaker David Thompson completed the inland Northwest Passage - a viable route across the Rockies to the Pacific. His chronicles of North American landscapes, first peoples and wildlife have influenced generations of historians, naturalists and land managers. Our presenter, Ross MacDonald, was founder of the Thompson Bicentennials 2007-2012.

Fri May 10th at 7:00 pm
MAX # 100
LOCATION: Invermere
COST: \$25.00

Drumming By Nature with Patrick Carrick & Columbia Valley Drumming

Radius Retreat is hosting an outdoor Drum Circle for the Columbia Valley community. Surrounded in nature, you will learn about drumming cultures, history and techniques from all around the world! No experience is required and the instruments will be provided.

Fri May 10th from 7:30 pm to 9:00 pm
MAX # 40
LOCATION: Radium area
COST: \$20.00
Things to Bring: Drinks, Snacks (optional), an instrument if you like but not required & Camping Chairs (important)

Eavesdrop on Bats & learn how to count them too! with Leigh Anne Isaac & John Zehnder

With funding support from the Columbia Valley Local Conservation Fund, join Kootenay Community Bat Project biologist, Leigh Anne Isaac, to learn more about our Kootenay bats and eavesdrop on one of our most interesting and misunderstood nocturnal animals. We will discuss the ecology of our local bats, learn how to conduct a bat count, and listen to bats using specialized detectors.

Level: Easy
Fri May 10th from 8:00 pm to 11:00 pm
MAX # 15
LOCATION: Invermere
COST: \$15.00
Things to bring: water, snack, warm drink if it is cool, dress for the weather, bug spray, headlamp, folding chair and blanket

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Columbia River Headwaters Project

Grade four through seven students at Martin Morigeau Elementary School in Canal Flats have embarked on a multi-disciplinary learning journey centred on the headwaters of the Columbia River, which is found just down the road from their school, in Canal Flats.

The purpose of this project is to learn about the cultural and ecological importance of the headwaters of the great Columbia River and then to share this knowledge through signage and artwork.

To this end, classroom learning has focused on the Columbia River from many different perspectives. Students are learning about traditional uses of the Columbia River and surrounding plants and animals in collaboration with local Ktunaxa and Shuswap bands, as well as cultural and linguistic connections to the river. Through environmental education provided by Wildsight's Ecostewards program, students built mini watershed models. Students used these models to learn about how water flows in a watershed, the impact of pollution on downstream inhabitants and lands, actions humans can take to mitigate or prevent the effects of pollution, as well as how wetlands are a vital part of the Columbia River. Local artists have been working with students to build a 4 x 6 foot mural, including a small tile from every student depicting an image of an animal, plant or view each student connects to at the headwaters. Lastly, the group is working with the local Columbia Lake Technology Centre to fabricate permanent signage, which will capture students' learning and artwork connected to the headwaters.

The benefits of this multi-faceted project are numerous and include student place-based connections to the ecosystem surrounding Canal Flats and connecting the importance of the Columbia River headwaters to local First Nations groups, the Ktunaxa and Shuswap bands. By leading tours and demonstrating their knowledge to visiting Wings Over the Rockies participants, students will practice their public speaking skills and, hopefully, recognize how renowned and important the headwaters in their backyard are for people near and far.

Participating groups & partners at this time: the Columbia Lake Technology Center, Wildsight, Shuswap Band, as well as local artists Joi and Kevan Leycraft of Kootenay Kool Studio and Gallery Inc.

To learn more about this project, please contact Alyssa Gauthier, Vice Principal of Martin Morigeau Elementary School at (250) 349-5665 or Alyssa.Gauthier@sds6.bc.ca.

2019 Wings Week Events • Presentations & Field Trips

SATURDAY MAY 11th

Bird 'Nerding' for Newbies with Nick Bartok (Fri & Sat)

Join us in understanding the basics of bird watching through an informative in-class session and a field trip to a local eBird hotspot. We will also discuss online programs (e.g., eBird) and apps for your phone.

Level: easy
Fri May 10th from 3:00 to 5:00 pm AND Sat May 11th from 6:00 am to 8:00 am (2-day workshop)
MAX # 10
LOCATION: Invermere area
COST: \$20.00

Things to bring: Be prepared for weather extremes (cold, warm, rain) and bring along your binoculars and spotting scope if you have one. Field trips will involve light, but flat hiking. A pen and notebook will be useful for the classroom session and a cell phone with the eBird and BirdEye apps will be useful.

Explore with Laval & Cam...Laval St. Germain & Cam Gillies

Spend a morning exploring with these two globetrotter and global adventurers, discovering why they do what they do. You'll be inspired by Laval & Cam to follow your dreams to summit a hill, mound or mountain, search the world for that elusive bird species, find your place where your cup can be filled or just be entertained by these galivanter with their stories and tales of exploring.

Level: moderate
Sat May 11th from 8:00 am to 11:00 am
MAX # 20
LOCATION: Fairmont
COST: \$30.00
Things to bring: water, snack, binoculars, walking shoes & dress for the weather

The Birds of Wasa Lake & Bummer Flats – Dean Nicholson

The Wasa Lake and Bummer Flats area is one of the best birding sites near Cranbrook. The inter-connected waterways and changing water depths of the area make it a great breeding and migratory stopping place for a host of birds. We will look for a variety of migrating waterfowl, shorebirds and gulls, as well as returning warblers, swallows, raptors and hummingbirds. On past walks we have seen over 50 species of birds. This is a walk where anything can show up and something unusual always does.

Level: easy
Sat May 11th from 8:30 am to 11:30 am
MAX # 10
LOCATION: Wasa Lake
COST: \$20.00

Wetlands Paddle with a local Naturalist

Experience the world class Columbia Wetlands by canoe/kayak during a morning paddle with a local naturalist. Discover the secrets of the ecology

and morphology of the Columbia Wetlands and its surrounding landscape, along with a touch of local history. This leader will bring knowledge, enthusiasm and experience to this paddle, providing educational entertainment for all ages and levels of experience. Basic paddling experience preferred but not necessary.

Level: Easy
Sat May 11th from 9:00 am to 11:00 am
MAX # 24
LOCATION: Invermere Area
COST: \$30.00 (includes PFD, boats, paddles, guide)
Things to bring: Camera, water & dress for the weather

Busy Legs with Bob Walker

Go ahead...explore. David Thompson used his busy legs and jumped on this credo. This illustrated walk focuses mainly on the early human history and European exploration of the Columbia Valley and surrounding Rocky Mountains. For example, did you know the Columbia Region was the source of a debate so intense it nearly sparked a war between the US and Canada? We'll share some of the stories about the significance of the Columbia Region in the development of North America. We'll enjoy wonderful views of Columbia Lake while reflecting on the exploration patterns of the area, and David Thompson in particular. We'll finish with some reference to the recent human footprint in the area. The venue is on a narrow, easy to moderate nature trail and can be enjoyed by people with a wide range of walking ability. Standing for intervals. Afterwards, four km of beautiful walking trails

2019 Wings Week Events • Presentations & Field Trips

SATURDAY MAY 11th

are available on the property, if you wish to explore further.
Level: Easy
Sat May 11th from 9:30 am to 12:00 pm
MAX # 15
LOCATION: South of Fairmont Hot Springs
COST: \$15.00

The Land of the Smoking Water with BC Rockies Adventure Guides

Explore the forests around Fairmont Hot Springs Resort. An easy forested walk with Activity Centre Guides will take you to see evidence of bears in the area as well as local trees, plants and other animals. Children welcome! Approximately 1.5 hours. Includes pass to hot springs pool.

Level: Easy
Sat May 11th from 10:00 am to 11:30 am
MAX # 20
LOCATION: Fairmont Area
COST: \$20.00 – includes a pass to hot springs pool (under 3 – FREE)
Things to bring: dress for the weather, bug spray, sun screen, binoculars, good hiking/walking shoes, snacks and water and bring your towel & bathingsuit!

Stand Up Paddle (SUP) Tour of the Columbia Wetlands

From your SUP board, take in the vistas across Lake Windermere to the Fairmont Range. SUP or Stand Up Paddle Boarding is globally the fastest growing watersport and it's not difficult to see why. Easy to learn, very accessible and amazing fun...with just a little training from one of our instructor/guides, who will spend the time on the water with you, you will be up and paddling and enjoying this amazing sport. Starting at Kinsman beach with easy access from the sandy beach and shallow waters will make it easy and fun for any skill level.

Level: easy to advanced
Sat May 11th from 11:00 am to 1:00 pm
MAX # 26
LOCATION: Invermere Area
COST: \$30.00 (Includes PFD, SUP Board, paddle & guide)
Things to bring: water

Bullfrogs in the Columbia Wetland with the East Kootenay Invasive Species Council with Jessie Paloposki (Presentation)

Widely recognized as one of the world's 100 most invasive species, the American Bullfrog has become a monstrous problem in many areas throughout the world. It's now 'croaking' on the doorstep of the Columbia Valley. Join Jessie as she interprets what will happen if these voracious frogs find their way into the Columbia wetland; and, whether you have scientific training or not, learn how you can gather and share scientific data about amphibians in B.C.

Sat May 11th from noon to 1:30 pm
MAX # 25
LOCATION: Invermere area
COST: \$20.00

Things to bring: If you want, bring a lunch & refreshments

Field School: Wetland Enhancement & Monitoring 101 with Chris Bosman & Katherine McGlynn

Join us at The Nature Trust of BC's Hoodoos Conservation Property for a walk to a unique wetland enhancement project completed in 2017. You'll learn about project planning and construction techniques, how wetlands are monitored and will identify some of the species present.

Level: Moderate
Sat May 11th from 1:00 pm to 4:00 pm
MAX # 25
LOCATION: Fairmont area
COST: \$20.00

Things to bring: Water, snacks, dress appropriately for the weather, sunscreen, bug repellent, rubber boots or other waterproof footwear

Project Take Flight Wildlife Rehabilitation Society: Flight Cage Open House with Dr. Mark Zehnder & Judy Ellison

Project Take Flight's raptor flight cage has been a huge success since it's creation in 2011. It has played a key role in the rehabilitation & release of over 55 birds over the many years since it was built. Come & tour the unique structure that was built by the hard work of our community & the generous support of the Panorama Foundation, BC Hydro and many others. This is your opportunity to learn about the raptors in our area & what to do if you find an injured bird. The flight cage is only open to the public once a year during the Wings Over The Rockies open house. This year's open house may be extra special due to the possibility of a Bald Eagle visiting the flight cage. Wait till you see what we've built! Donations for the Project Take Flight and the Flight Cage are welcomed.

Sat May 11th from 1:00 pm to 3:00 pm
MAX # 100
LOCATION: Toby Benches
COST: \$15.00

Directions: 3995 Houlgrave Rd (1st driveway on the right). Turn north onto Panorama Drive and continue onto Toby Creek Road. Approximately 6 km towards Panorama Mountain Resort, turn north on Houlgrave Road, by the postboxes. First driveway on the right. Please carpool as parking is limited.

Columbia River Paddle with BC Rockies Adventures Guides

Discover the gem of the Columbia Valley with Fairmont Hot Springs Resort's Activity Centre Guides. Enjoy the fantastic landscape which includes panoramic views of snow-capped mountains, eagles, ospreys, mule deer, and fish; all while learning about the importance of wetlands for humans and wildlife. If you want to see Lewis's woodpeckers, this is the tour for you! This is a great opportunity for anyone (beginner to expert) to enjoy nature at its best. This is an interpretive tour that involves basic instruction to kayaking. We put in on the South end of Fairmont Hot Springs and paddle to the North end of the community.

Level: Intermediate
Sat May 11th from 2:00 pm to 4:00 pm
MAX #12, Ages 12+
LOCATION: Fairmont Area
COST: \$49.00

Things to bring: dress for the weather, bug spray, sun screen, binoculars, snacks and water

23rd Annual Gala Banquet & Keynote

Step Out and Shove Off - Go Ahead... Explore! With Laval St. Germain

No Walt Disney quotes, no leadership techniques, no 'dreams do come true', but instead just a message of quiet pursuit. The pursuit of discomfort, powder snow, experiences, summits, images, friendships, and even scars. Half a millimetre of tent fabric, a warm vehicle at the trailhead, or a sturdy wooden dock under you, are all that's between you, discomfort, challenge, sweat, fear, cold hard effort and the rewards and wonder promised by time well spent in the outdoors. The quiet of nature and the quieting of that inner voice that tells us; "I could never do that". I'll share stories, photos and videos from alone on the North Atlantic in a solo rowboat, telemark skiing in Iraq, my adventures in the remote wild spaces on the map and maybe by doing so, have people think about unzipping their own tent door and stepping out, or shoving off that safe dock to Go Ahead and Explore themselves.

Sat May 11th at Copper Point Resort

- 5:00 pm Refreshments & cash bar
- 6:30 pm Dinner
- 8:00 pm Live Auction & finale of the Silent Auction
- 8:30 pm Keynote by Laval St. Germain

LOCATION: Copper Point Resort

COST: \$75.00 (tax receipt included)

The Wings Over the Rockies Festival could not fly without the support of staff, volunteers, donors, and participants.



23RD ANNUAL GALA

Banquet & Keynote

Step Out and Shove Off - Go Ahead... Explore! With Laval St. Germain

Laval St. Germain shares his own tales of the rewards, risks and healing that come with exploring his limits and the wonders of high adventure in nature.

Sat May 11th at Copper Point Resort

- 5:00 pm • Refreshments & Cash Bar
- 6:30 pm • Dinner
- 8:00 pm • Live Auction & finale of the Silent Auction
- 8:30 pm • Keynote by Laval St. Germain

Cost \$75 (partial tax receipt provided)



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Markin-MacPhail Westside Legacy Trail

The Markin-MacPhail Legacy Trail is a multi-use, non-motorized, paved trail connecting the communities of Invermere and Fairmont Hot Springs. It is located along the west side of Lake Windermere parallel to Westside Road, constructed primarily on private land, and within Ministry of Transportation right-of-ways. The trail is approximately 25 kilometers long with a three meter wide paved path, and is dotted with amenities like benches, picnic areas and rest areas. Construction began on the northern segments in April 2017. To date, 15.6 kilometers are rideable. The planned cost is at \$8 Million, and at the time of this article we have raised \$6 Million.

As a dynamic landmark for the Columbia Valley, The Markin-MacPhail Trail will have many positive effects on the area including community health, environmental awareness, economic development, and safety for the increasing numbers of non-motorized travelers along Westside Road. It will be usable year round, and all non-motorized activities will be welcome.

The trail is being spearheaded by the Columbia Valley Greenways Trail Alliance - a non-profit group representing many local organizations with a focus on outdoor recreation. All private land has been generously donated by landowners, and a significant amount of donations have sprung from our local area, making the trail a truly grassroots initiative. The project goal is to complete the trail with community engagement, encouraging residents, businesses and local governments to participate in unique ways they find meaningful. If you would like to donate to the Westside Legacy Trail please visit OurTrail.org.



Become part of the movement, donate today!

OurTrail.org/donate

2019 Wings Week Events • Presentations & Field Trips

SUNDAY MAY 12th

Bird 'Nerding' for Newbies with Nick Bartok (Fri & Sun)

Join us in understanding the basics of bird watching through an informative in-class session and a field trip to a local eBird hotspot. We will also discuss online programs (e.g., eBird) and apps for your phone. The in-class session will be held at the Pynelogs Cultural Centre (upper level).

Level: easy
Fri May 10th from 3:00 to 5:00 pm AND Sun May 12th from 6:00 am to 8:00 am (2-day workshop)

MAX # 10
LOCATION: Invermere area
COST: \$20.00
Things to bring: Be prepared for weather extremes (cold, warm, rain) and bring along your binoculars and spotting scope if you have one. Field trips will involve light hiking. A pen and notebook will be useful for the classroom session and a cell phone with the eBird and BirdEye apps will be useful.

Paddle the Columbia Wetlands with Adventurer, Laval St. Germain

Finish off a 'wings' Festival week by experiencing the wetlands by canoe/kayak with Laval St. Germain. Canoeing is where it all started for Laval.

Growing-up north of Edmonton he had the Pembina and Athabasca rivers nearby and family canoe trips down these rivers is where he fell in love with the outdoors. Rivers hold a special place in his soul for what they provide and what they can take away. Enjoy a casual morning hanging out with Laval and feeling his passion for the wild empty places on maps and for the challenges and rewards that come with time well spent in the natural world.

Level: Easy
Sun May 12th from 8:30 to 10:30 am
MAX # 24
LOCATION: Invermere



Enabling Fish in Ben Able Creek

Abel Creek is a feeder stream of Lake Windermere that provides spawning habitat for kokanee salmon and rainbow trout. Like many local waterways, the Abel Creek watershed has been negatively impacted by human development since the early 1900s. The long-term objective of the Abel Creek restoration project is to restore fish passage throughout the Abel Creek watershed. Restoring access to almost 3 km of high-quality habitat will assist the kokanee salmon population to rebuild to the historical numbers of spawning fish that utilized the system in years past. Several potential barriers to fish passage were identified in the initial habitat assessment of the watershed. In the summer of 2014, a dam located below Westside Road was removed, following the removal of the dam, kokanee were observed utilizing new spawning habitat above Westside Road. During the spawning runs of 2015 and 2016 the progress of kokanee was monitored as they made their way upstream. It was then determined that two culverts under Johnston road prevented further upstream migration. In the fall of 2018 one of the culverts had remediation work completed. Planning is underway to remove the last barrier to fish migration in the summer of 2019.

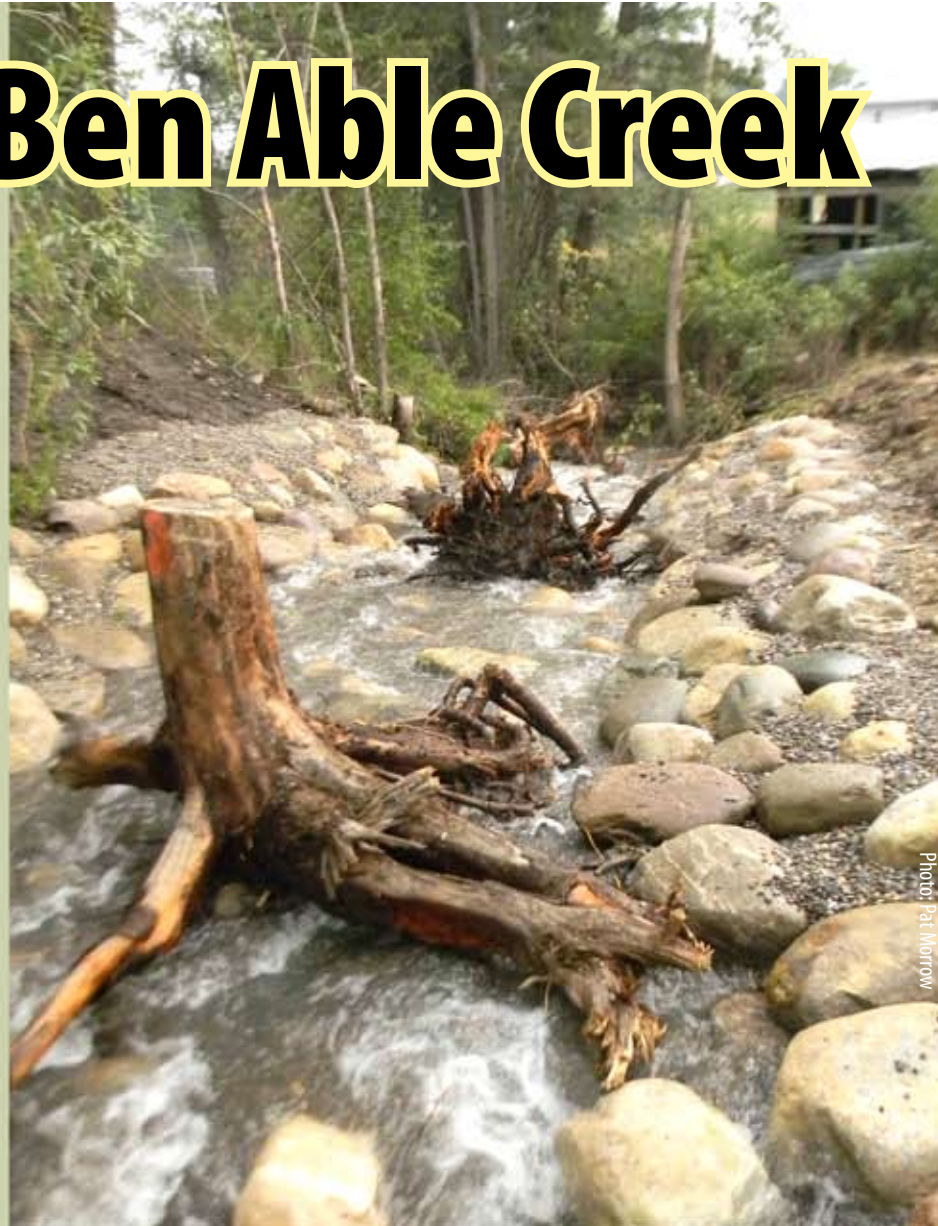


Photo: Al Morrow



Restoring native plant habitat is vital to preserving biodiversity, especially in habitats that have previously been overrun with invasive plants.

Native plants provide the ecological basis upon which life depends, including other animals, plants, and people. Without them and the species that co-evolved with them, biodiversity diminishes. But there are some plants lurking in our gardens that threaten our natural landscape. In 1992, famed Harvard biologist Edward O. Wilson branded invasive species the second-largest cause of extinctions worldwide, behind habitat destruction.

How did the problem get so large? Of course, gardening is not the sole vector of spread for invasive species; however, over the past century, urbanization and has transformed our native landscapes, fragmenting and transforming them with lawns and exotic ornamental plants. Many of the invasive species in this region are garden escapees. Plants originally brought to the area through the horticulture trade, and jumped the fence of an innocent gardener or hitched a ride on the dirty shovel of a landscaper into the natural landscape. Once outside the boundaries of our manicured yards they realize there were no gardeners, native predators, nor pathogens to keep them in check; they quickly spread, covering the native landscape and outcompeting native species and degrading habitat in remaining natural areas.

In cases where invasive plants do establish,

removing them is not enough. Native species are delicate in these situations and they need help to grow amongst the prolific seed banks and super-power like characteristics of the invasive plant population. In these cases, re-introducing native plants with some strategic design features to help them on their way can provide hope of renewing natural habitat for many species.

Unfortunately, many invasive plants are still sold in nurseries and the onus of responsibility is left with the consumer creating a buyer beware situation. Thankfully, invasive species action groups are working collaboratively with the horticulture industry to promote responsible gardening by reducing the sale and purchase of invasive plants through the PlantWise program. This program that supports the (ornamental) horticulture industry's transition to become invasive-free, and is helping gardeners and industry understand which plants are invasive and harmful to our communities, and to make 'PlantWise' choices.

On Friday May 10th, the East Kootenay Invasive Species Council is hosting a field trip to restore a site on the banks of Sinclair Creek in Radium. If you would like to learn more about the benefits of native plants and the process of restoring an invasive plant site come join them and get your hands dirty.

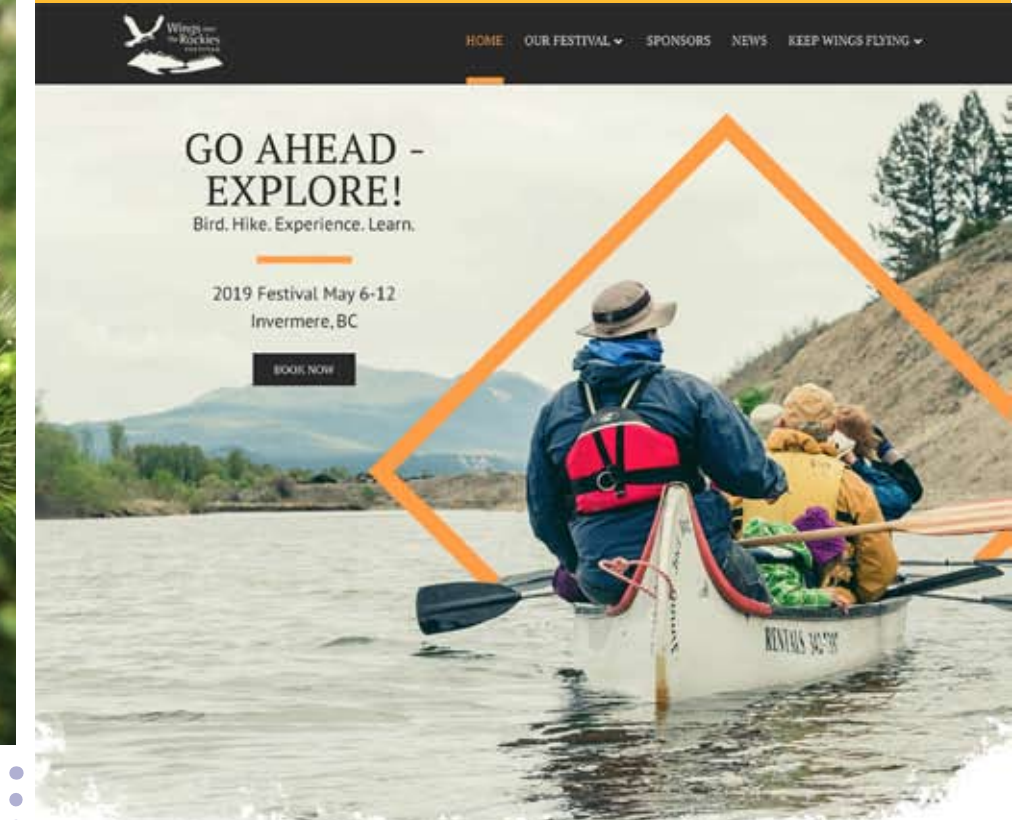


Conserving Land for
Wildlife in the Kootenays

NATURE TRUST
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www.naturetrust.bc.ca

News to Share!



Wings Over the Rockies Festival is launching our NEW website on April 1st... and registration starts at 9:00 am Mountain Standard time on Monday April 8th. So check it out (www.wingsovertherockies.org) ahead of time to get familiar with new clean format.

The new Website is easier to maneuver through to look & book events, find out more about the Festival, join the mailing list, a filter system to find events by categories and so much more.

Improvements to the Registration process include:

With a new timer system, you can hold your events for several minutes while you fill your shopping card. Just make sure you watch the timer so you don't lose the events you've chosen.

The Wings Festival could not fly without the support of staff, volunteers, donors and participants.

See you at Pynelogs Cultural Centre, the headquarters for the Festival where you will find the Auction area, Lil Peeps Art Show, Café Allium. It's a great place to meet up, sit on the deck overlooking Lake Windermere and maybe even meet some new folks!!

See you soon!

TUG AT A SINGLE THING IN NATURE AND FIND IT CONNECTED
TO THE REST OF THE WORLD...



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wildsight



Fairmont Hot Springs Resort

Nestled between the Rockies and the Purcell mountain ranges, you will find a hidden gem known as Fairmont Hot Springs. Individuals who find themselves at the resort today will enjoy many modern amenities, however, they don't have to look far to see the roots that the resort was founded on; mesmerizing mountains views, a valley as far as the eye can see, and bubbling natural hot springs.

The first written history of Fairmont dates back to the 1800s, when the Ktunaxa and Shuswap bands discovered the natural hot springs. In the 1920s the bathhouse was built alongside 12 baths that were dug to accommodate the influx of guests traveling on the newly built Kootenay National Parks road. Starting in 1957 under the leadership of the Wilder family, the resort began to grow with additions of the pools, hotel, golf course, airport and ski hill.

These Hot Springs were formed over 300 million years ago when the Rockies were worn down and reformed, creating deep cracks in the earth. From here, precipitation and snow melt seeped deep into the earth dissolving minerals and warming with the depth.

Today, this rising hot water settles in a reservoir where it enters the collection boxes. These collection boxes help cool the water to make it a more comfortable temperature for guests. Now, under the leadership of the late Ken Fowler's board of directors, the Hot Springs are undergoing renovation to preserve the namesake of the resort. Renovations include the addition of family and accessible change rooms, foundation improvements and resurfacing.



\$99* ROOMS AT FAIRMONT HOT SPRINGS RESORT

Make Fairmont Hot Springs Resort your home base for the Wings over the Rockies Festival from May 6–12, 2019.

Centrally located for all festival activities, you'll be in the heart of the action.

Book by April 15 and stay with us for only \$99* per night

*Book by April 15, non-refundable, no changes, limited number of rooms available at this rate, mid-week stay only (excluding May 10–11, 2019). Rate for May 10–11, 2019 is \$119.



Immerse Yourself

Call 1.800.663.4979 and quote 'WINGS19'
FairmontHotSprings.com



The Nature Conservancy of Canada is proud to participate in Wings Over the Rockies.

Join us on May 7 for a guided tour of Luxor Linkage Conservation Area.

The birds will be waiting.

Nature defines us.

www.natureconservancy.ca