



Agenda: Pines and People: Human Impacts on Five-Needle Pine

Wednesday October 11, 2023

FIELD TRIP: [Kalamalka Research Station](#), 3401 Reservoir Rd, Vernon, BC

12:30-13:00 Registration and package pick-up

13:00-15:30 Field trip to visit the Kalamalka Research Station in Vernon, BC (3401 Reservoir Rd) for a tour of the Rust Inoculation and Screening Testing Facility hosted by the BC Ministry of Forests. A scion collection demo will also be available.

18:00-20:00 Informal social meet-up at [Mount Begbie Brewery](#) in Revelstoke

Thank you to our partners and sponsors in hosting this event



YELLOW POINT PROPAGATION LTD.

Thursday October 12, 2023

Conference Day 1: Revelstoke Community Centre, Revelstoke, BC	
08:15-08:45	Registration and package pick-up
08:45-09:00	Welcome and Introduction, Natalie Staff (PCA) and Randy Moody (WPEFC)
09:00-09:30	High Five Pines of Southeast BC, Michael Murray (BC Ministry of Forests)
09:30-09:50	Whitebark Pine and Limber Pine Status and Trend in Canada, Brenda Shepherd (Parks Canada, Jasper National Park), Jodie Krakowski (WPEFC)
09:50-10:10	Simpw Indigenous Led Conservation, Caroline Feischl and Shae McMurter (Simpw Resources Group)
10:10-10:30	Improving Five-Needle Pine Restoration and Planting Success: A Tree Planter's Perspective, Jon Berlie (WPEFC contractor)
10:30-10:50	Coffee & Tea Break
10:50-11:20	The Coastal Western White Pine Program with Possible Implications for Whitebark pine, Don Pigott (Yellow Point Propagation Ltd).
11:20-11:40	Whitebark and Limber Pine Seed Orchards in Canada, Stephen Joyce (WPEFC)
11:40-12:00	Update on Canada's White pine blister rust screening for Whitebark pine program, Sebastian Ibarra Jimenez (BC Ministry of Forests)
12:00-13:00	Lunch Break (lunch provided) & WPEFC Volunteer Recognition
13:00-13:20	The Seedy Side of Five-Needle Pine Restoration, Dave Kolotelo (BC Tree Seed Centre)
13:20-13:40	Comparing Two High-fives: Physiological and Morphological Differences between <i>Pinus albicaulis</i> and <i>Pinus balfouriana</i> , Katherine Sparks (Montana State University, Ecology Department)
13:40-14:00	Examining Blister Rust Incidence in Whitebark Pine: Why is Banff so Different? Brendan Wilson (Selkirk College), Hilary Cameron (Parks Canada, Banff Field Unit), Conor Griffith (Parks Canada, Banff Field Unit)
14:00-14:30	Coffee & Tea Break
14:30-14:50	Historic Fire Regimes in Whitebark Pine Ecosystems of West-Central British Columbia, Kira Hoffman (UBC and the Bulkley Valley Research Centre)
14:50-15:10	Fired Up: Investigating the effects of fire and fire surrogates on whitebark pine regeneration in Glacier National Park, Jeremy Greenberg (University of British Columbia and Parks Canada)
15:10-16:30	Poster Session and Silent Auction
16:30-18:00	Dinner Break (on your own; lots of good take-out options within walking distance)

Whitebark Information Night, October 12th 18:00-21:30

Join us for a free talk, film screening, and social evening with live music from the Tulsa Naturals!

18:00-18:30 Whitebark Pine Films

18:30-19:00 Ask the Experts Q & A: Diana Tomback and Francis Iredale

19:00-21:30 Social with Live Music: [Tulsa Naturals](#)



Friday October 13, 2023

Conference Day 2: Revelstoke Community Centre, Revelstoke, BC	
08:30-09:00	Tea, coffee, and mingling.
09:00-09:20	WBP Genome Project, David Neale (WPEF)
09:20-09:40	Ten Year Results from Whitebark Pine Genecology Field Trials in British Columbia, Charlie Cartwright (BC Ministry of Forests)
9:40-10:00	Methodology for Detecting and Monitoring Clark's Nutcracker Activity using Acoustic Analysis, Vern Peters (The King's University)
10:00-10:20	Clark's Nutcracker Activity Across the Canadian Range of Whitebark Pine, Alana Clason (Bulkley Valley Research Centre)
10:20-10:50	Coffee & Tea Break
10:50-11:10	Strange Bedfellows: Whitebark Pine and Industry, Randy Moody (WPEFC)
11:10-11:30	Whitebark Pine Management on the Heliskiing Land Base, Mike Aucoin (CMH)
11:30-11:50	Pipeline Construction and Whitebark Pine: Regulatory Framework, Assessment and Mitigation, Karli Graham and Dana Charlton (Geoterra and TC Energy)
11:50-12:10	Whitebark pine mitigation in the Elk Valley, Katrina Lukianchuk (Teck Coal LTD)
12:10-12:30	Growing Whitebark Pine – A Nursery Perspective, Siriol Paquet
12:30-13:50	LUNCH (provided); WPEFC Annual General Meeting (all are welcome)
13:50-14:10	Implications of ESA Listing in the USA, Amanda Hendrix (USDA Forest Service)
14:10-14:20	Ready, Set, Action: Multi-species Action Plan Implementation in the Mountain National Parks, Natalie Staff (Parks Canada, Mount Revelstoke and Glacier National Parks)
14:20-14:50	Coffee & Tea Break
14:50-15:10	BC Whitebark Pine Implementation Plan, Francis Iredale (Ministry of Water, Land and Resource Stewardship)
15:10-15:30	Recovery Planning and Implementation for Whitebark and Limber Pine in Alberta, Jodie Krakowski (Whitebark Pine Ecosystem Foundation of Canada) and Robin Gutsell (Alberta Environment and Protected Areas)
15:30-16:00	Ask the Experts! Panelists: Randy Moody, Jodie Krakowski, David Neale, Diana Tomback and Don Pigott Moderator: Ward Strong

Saturday October 14, 2023

FIELD TRIP: Kicking Horse Mountain Resort, Golden, BC

09:30	Meet up at Revelstoke Community Centre for those interested in carpooling.
12:00-15:00	Private tour of whitebark pine stands at Kicking Horse Mountain Resort
13:00-16:00	MDT



Posters

- **Genetic Dissection and Potential Application of Limber Pine Quantitative Disease Resistance for Management of White Pine Blister Rust**, Jun Jun Liu (NRCAN, CFS), Richard A. Sniezko (USDA Forest Service), Jodie Krakowski (WPEFC), Robert Sissons and Genoa Alger (Parks Canada, Waterton Lakes National Park), Angela Kegley (USDA Forest Service), Arezoo Zamany (NRCAN, CFS), Holly Williams (NRCAN, CFS), Sydney Houston (NRCAN, CFS)
- **A New Virulent Race (vcr4) of *Cronartium ribicola* may Impact Restoration of Limber Pine**. Jun Jun Liu (NRCAN, CFS), Richard A. Sniezko (USDA Forest Service), Arezoo Zamany (NRCAN, CFS), Robert Sissons (Parks Canada, Waterton Lakes National Park), Jodie Krakowski (WPEFC), Genoa Alger (Parks Canada, Waterton Lakes National Park), Angela Kegley (USDA Forest Service), Sydney Houston (NRCAN, CFS)
- **Whitebark Pine Scion Grafting Study**, Karli Graham (Geoterra), Gina Fryer (Geoterra), Aaron Weaver (Geoterra), Randy Moody (WPEFC) and Dana Charlton (TC Energy)
- **Assisted Migration of Whitebark Pine at its Northern Limits**, Sybille Haeussler (Bulkley Valley Research Centre)
- **Skiing in the Trees: Collaborative Whitebark Pine Recovery in Ski Tenures**, Randy Moody (WPEFC) and Natalie Stafl (Parks Canada, Mount Revelstoke National Parks)
- **A Record of Mountain Pine Beetle Outbreak at a High Elevation Whitebark Pine Site, Northern Rockies, USA**, Jennifer H. Watt (Environmental and Sustainability Studies & Department of Geography, University of Utah), Jordin Hartley, Andrea Brunelle, and Simon Brewer (Department of Geography, University of Utah)
- **Retain Whitebark Pine**, Michael Murray (BC Ministry of Forests)
- **Effects of Seed Separation, Species, Year, and Latitude on Seed Weight of Whitebark Pine & Limber Pine**, Jodie Krakowski (WPEFC), Terri Fox (independent contractor)
- **Restoration plan for whitebark and limber pine – East Kootenays**, Anna McIndoe (BC Ministry of Forests), Randy Moody (WPEFC) and Jodie Krakowski (WPEFC)
- **Whitebark & Limber Pine: Different Species with Differing Seedling Survival**, Fynley Kuijt and Genoa Alger (Parks Canada, Waterton Lakes National Park)
- **Effects of Whitebark Pine Mortality on Snowpack and Streamflow in the Greater Yellowstone Ecosystem** Teodora Rautu (Montana State University), David Thoma (National Park Service), Danielle Ulrich (Montana State University), Brian Smithers (Montana State University), & Erin Shanahan (National Park Service)
- **Impacts of Short-Interval Wildfire on High Elevation Forest Regeneration in Glacier National Park, British Columbia**, Natalie Maslowski (Thompson Rivers University)
- **Whitebark Pine Recovery in the Columbia Basin**, Randy Moody (WPEFC), Roma Zulyniak, Corinna Strauss, Lisa Hagemann, & Jordan Symes (Moody Tree)
- **Raising Resistance: Whitebark Pine Disease Screening in Canada**, Michael Murray, Ward Strong, Katy Fraser (BC Ministry of Forests)

