

**Draft: 2019 Whitebark Pine Ecosystem Foundation Annual Science and Management
Workshop**
*The Far View from the Mountaintops: Meshing Past and Present Whitebark Pine Science,
Management, and Cultural Significance*

September 13-14, 2019

Pablo, MT

September 12 – Salish Kootenai College (58138 US Highway 93, Pablo, MT 59855)		
6:30 pm	7:00 pm	Whitebark pine ecosystem foundation board of directors meeting
September 13 – Salish Kootenai College (Johnny Arlee/Victor Charlo Theater)		
7:30 am		Registration Opens
8:00 am	8:40 am	Welcome and Workshop Logistics Welcome- Dan Durglo, Vice President for Academic Affairs, SKC Workshop/Logistics- Rick Everett Keynote Address- Penny Morgan, Professor Emeritus and AFE Certified Senior Fire Ecologist, University of Idaho Department of Forest, Rangeland, and Fire Sciences
Science & Ecology: New Insights Morning Moderator: TBD		
8:40 am	9:00 am	Title: Whitebark pine status in northwestern montana and the pacific northwest Sara A. Goeking , Biological Scientist, USFS Rocky Mountain Research Station, Ogden, UT Forestry Sciences Lab/ Ph.D. Candidate, Watershed Sciences, Utah State University
9:00 am	9:20 am	Title: Fire frequency and size in mixed regime whitebark pine stands Richard (Rick) Everett , Wildland Fire Science/ Forestry, Department of Natural Resources, Salish Kootenai College
9:20 am	9:40 am	Title: Quantifying the lower-elevation fundamental niche of whitebark Pine in the Greater Yellowstone Ecosystem Andrew Hansen , Professor, Ecology Department, Montana State University
9:40 am	10:00 am	Title: Interesting findings from two case studies in whitebark pine: climate change and release response Robert E. Keane , Research Ecologist, USFS Rocky Mountain Research Station, Missoula, MT Fire Sciences Lab
10:00 am	10:30 am	Title: Assessing alternative management strategies for whitebark pine under future climate change Kathy Ireland , Science Specialist, World Wildlife Fund, Northern Great Plains Program , Bozeman, MT
10:30 am	10:50 am	Break



10:50 am	11:10 am	Title: Survival of whitebark pine seedlings grown from direct seeding: implications for regeneration and restoration under climate change Elizabeth Pansing , Doctoral Candidate, Department of Integrative Biology, University of Colorado, Denver
11:10 am	11:30 am	Title: Characteristics of whitebark pine (<i>Pinus albicaulis</i>) growth and defense in response to mountain pine beetle outbreaks in northwestern montana Nick Kichas-Ziebig , Ph.D. Candidate, Montana State University
11:30 am	11:50 am	Title: Using western balsam bark beetle pheromone baits to reduce subalpine fir tree density in whitebark pine stands Nancy Sturdevant , USFS Entomologist, R1, RO, State, and Private Forestry
11:50 pm	12:10 pm	Title: Mycorrhizal fungi and whitebark pine: an update Cathy Cripps , Mycologist, Professor, Sciences and Plant Pathology Department, Montana State University
12:10	1:20	LUNCH
Cultural Significance, Education, & Communication Afternoon Moderator: TBD		
1:20 pm	1:40 pm	Title: Cultural use of whitebark pine Tony Incashola Sr. , Salish Cultural Committee
1:40 pm	2:00 pm	Title: Using whitebark pine to link cultural preservation, and education, on the Flathead Indian Reservation Mike Durglo , CSKT Tribal Preservation
2:00 pm	2:20 pm	Title: More than trees: the importance of making our science delivery culturally and socially relevant Monique Wynecoop , USFS Fire Ecologist, Colville National Forest/Northern Rockies Fire Science Network
2:20 pm	2:40 pm	Title: Working collaboratively to restore and sustain whitebark pine forests: examples of cooperation between the Confederated Salish Kootenai tribes, NGO's, and government agencies. Anne Carlson , The Wilderness Society
2:40 pm	3:00 pm	Discussion
3:00 pm	3:20 pm	Break
Management & Overview		
3:20 pm	3:40 pm	Title: Crown of the continent ecosystem pilot whitebark pine restoration strategy Melissa Jenkins , Forest Silviculturist, USFS, Flathead National Forest
3:40 pm	4:00 pm	Title: Future whitebark management goals and planning on CSKT forests Tony Incashola Jr. , CSKT Forestry

4:00 pm	4:20 pm	<p>Title: (tentative) Reconnaissance, mapping, and planting of whitebark pine: the practical aspects</p> <p>James Lozeau, Confederated Salish Kootenai Tribal (CSKT) Forestry</p>
4:20 pm	5:00 pm	<p>Title: National whitebark pine restoration plan for American forests</p> <p>Diana Tomback (University of Colorado), Policy and Outreach Coordinator, Whitebark Pine Ecosystem Foundation</p> <p>Austin Rempel, Forest Restoration Manager at American Forests, Washington, District of Columbia</p>
5:00 pm	8:00 pm	<p>Silent Auction</p> <p>Bid on merchandise, art, crafts, books, etc. and support whitebark pine restoration. Bidding closes at 8:00 PM.</p>
<p>September 14th- Field Trip to Three Lakes Peak</p>		
8:30 am	9:00 am	<p>8:30 am - 9 am- WPEF Membership Meeting</p>
9:00 am	4:00 pm	<p>Field trip to Three Lakes Peak</p> <p>9a.m.- 4 pm (out and back from SKC Campus, Pablo, MT)</p> <p>Bring your own lunches, water, and field gear for the hike.</p> <p>This is a management focused trip. Come and see the efforts the Division of Forestry, Confederated Salish and Kootenai Tribes, are making in developing and implementing a whitebark pine-based restoration and reforestation plans. CSKT Forestry managers, Professionals from neighboring stakeholders, Salish Kootenai College Interns, and CSKT Cultural Managers will share their efforts and stories in the field along the Nine Mile divide on the southern portion of the Reservation. We will car pool or van from the College at 9 am along forest roads to the trailhead that leads to Three Lakes Peak Mountain (roughly 90 minutes). Next, we will hike along the Three Lakes Peak trail to various stations in two distinctively different forest types containing whitebark pine, where different professional will share some of the concepts at work in developing this effort, roughly 1 mile to a cone collection location. The estimated time for the return trip to the vehicles is 2 ½ hours. The elevation change = 6200 ft. to 8000 ft. Attendees will be able to hike back to the car at any point they choose.</p>