WE NEED THE NEEDLES: COORDINATING ACTION TO CONSERVE 5-NEEDLE PINE FORESTS IN THE CROWN OF THE CONTINENT

FINAL AGENDA

Workshop Objectives and Outcomes

- Deliver best available science and data products on the climate adaptation strategies and tactics necessary to maintain 5-needle pine in the CCE in an era of rapid climate change;
- Discuss existing challenges and/or barriers that may be impeding 5-needle pine restoration, and develop recommendations to address these issues.
- Catalyze a formal CCE-wide working group whose purpose is to promote the long-term viability of 5-needle pines in the CCE by sharing information, leveraging capacity and resources, and promoting 5-needle pine protection and restoration;
- Initiate a process to develop a CCE-wide 5-needle pine restoration strategy that identifies and prioritizes the type, amount and location of restoration activities, protection measures and monitoring that are necessary to restore 5-needle pine in the CCE;

TUESDAY, MARCH 15, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Details</th>
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<tbody>
<tr>
<td>1:00 – 4:30</td>
<td>Crown Managers Partnership Agency Meeting</td>
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<tr>
<td>5:00 PM</td>
<td>Forum Registration Meet and Mingle with Cash Bar</td>
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<tr>
<td>5:45 PM</td>
<td>Buffet dinner begins</td>
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<td>6:00 PM</td>
<td>Welcome and Opening Remarks</td>
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<tr>
<td></td>
<td>• Ian Dyson, Crown Managers Partnership and Crown Adaptation Partnership</td>
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<td></td>
<td>• Participant Introductions</td>
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<tr>
<td>7:00 PM</td>
<td>Why We Care: The Ecological and Cultural Significance of Five Needle Pine Forests in the Crown of the Continent</td>
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<td>Keynote: Restoring the Crown Jewels: The High Five pines and why we need them. Diana Tomback, Whitebark Pine Ecosystem Foundation</td>
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<td></td>
<td>Panel: Traditional Ecological Knowledge and Five Needle Pine Forests</td>
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<td></td>
<td>Moderator: Mike Durglo, Confederated Salish and Kootenai Tribes</td>
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<td>• Tony Incashola, Sr., Confederated Salish and Kootenai Tribes</td>
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<td>• Mike Bruised Head, Kainai Nation</td>
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<td>• Terry Tatsey, Blackfeet Nation</td>
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<td>• Wayne Louie, Ktunaxa Nation</td>
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**WEDNESDAY, MARCH 16, 2016**

<table>
<thead>
<tr>
<th>TIME</th>
<th>ACTIVITY</th>
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<tbody>
<tr>
<td>7:30 AM</td>
<td>Registration for new arrivals</td>
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<tr>
<td>8:00 AM</td>
<td>Welcome</td>
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<tr>
<td></td>
<td><strong>Mary Giuliano, Mayor of Fernie</strong></td>
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<tr>
<td>8:05 AM</td>
<td>Agenda Review, Overview of Workshop Outcomes</td>
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<td></td>
<td><strong>Lisa Talavia-Spencer, Workshop Facilitator</strong></td>
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<tr>
<td>8:30 AM</td>
<td>Whitebark and limber pine in the Crown of the Continent: status, trends and restoration</td>
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<td><strong>Cyndi Smith, Emeritus Scientist</strong></td>
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<td>8:45 AM</td>
<td>An Overview of CCE-wide Whitebark Pine Distribution</td>
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<td><strong>Shannon Blackadder, Crown Managers Partnership</strong></td>
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<tr>
<td>9:00 AM</td>
<td>Restoring Five Needle Pine Forests Under Climate Change</td>
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<td></td>
<td><strong>Bob Keane, Rocky Mountain Research Station</strong></td>
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<tr>
<td>9:50 AM</td>
<td>Break</td>
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<tr>
<td>10:20 AM</td>
<td>Genetic Implications of Climate Change on Five Needle Pine Forests</td>
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<td><strong>Mary Frances Mahalovich, Regional Geneticist, US Forest Service</strong></td>
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<tr>
<td>10:50 AM</td>
<td>Full Group Discussion: Reflect on the new Best Available Science presented this morning</td>
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<td>11:45 AM</td>
<td>Poster Session</td>
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<td>Lunch</td>
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<tr>
<td>1:00 PM</td>
<td>Panel: Jurisdictional Perspectives of the Challenges and Opportunities associated with 5 Needle Pine forest restoration in a period of rapid climate change.</td>
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<tr>
<td>2:30 PM</td>
<td>Break</td>
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<tr>
<td>2:45 PM</td>
<td>Full Group Discussion: Reflect on the day’s conversations</td>
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<tr>
<td>3:00 PM</td>
<td>Break-out Groups: Discuss existing challenges and opportunities to collectively advance or accelerate SNP conservation and restoration.</td>
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<tr>
<td>4:00 PM</td>
<td>Report back from Break-out Groups</td>
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<tr>
<td>4:30 PM</td>
<td>Wrap-up; Preview next day</td>
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<td></td>
<td><strong>Lisa Talavia-Spencer, Workshop Facilitator</strong></td>
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<td>5:30 PM</td>
<td>Wine and Cheese Event at Fernie Museum Featuring the Whitebark Pine Ecosystem Foundations of the U.S. and Canada</td>
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<td><strong>Diana Tomback, Whitebark Pine Ecosystem Foundation</strong></td>
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<td><strong>Michael Murray, Whitebark Pine Ecosystem Foundation of Canada</strong></td>
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<td><strong>DINNER ON YOUR OWN</strong></td>
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<tr>
<td>8:00 AM</td>
<td>Review of Day’s Objectives - Lisa Talavia-Spencer</td>
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<td>8:15 AM</td>
<td>The Greater Yellowstone Coordinating Committee Whitebark Pine Subcommittee: Overview and Ideas for the Crown of the Continent - Ellen Jungck, Chair, GYCC Whitebark Pine Subcommittee</td>
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<td>8:45 AM</td>
<td><strong>Full Group Discussion:</strong> What are opportunities for cross-jurisdictional action? Facilitated by Lisa Talavia-Spencer</td>
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<td>9:45 AM</td>
<td><strong>Gallery Walk:</strong> Contribute ideas to inform development and delivery of key actions identified in preceding plenary</td>
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<tr>
<td>10:30 AM</td>
<td><strong>BREAK</strong></td>
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<tr>
<td>11:00 AM</td>
<td><strong>Break-out Groups:</strong> Gather ideas into a coherent agenda for advancing key actions identified earlier in the day.</td>
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<tr>
<td>11:30 AM</td>
<td>Report back from groups</td>
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<tr>
<td>12:00 PM</td>
<td><strong>Full Group Exercise:</strong> Identifying Next Steps: Who, What, When, Where, Why?</td>
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<tr>
<td>12:45 PM</td>
<td>Closing remarks - Regan Nelson, Crown Conservation Initiative</td>
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<td>1:00 PM</td>
<td>ADJOURN – Brown bag lunches will be available to all participants.</td>
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</tbody>
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SPECIAL THANKS TO THE FOLLOWING ORGANIZATIONS FOR GENEROUS FUNDING FOR THIS FORUM
REGISTERED ATTENDEES

Adrian Leslie
Nature Conservancy of Canada

Alison Burton
Ktunaxa Nation

Allana Oestreich
BC Ministry of Forests, Lands and Natural Resources

Amanda Hendrix
US Fish and Wildlife Service

Amanda Weber-Roy
BC Parks – Kootenay Okanagan Region

Amy Nicholas
US Fish and Wildlife Service

Andrew Bower
US Forest Service

Anne Carlson
The Wilderness Society

Bob Keane
Rocky Mountain Research Station

Brad Jones
Alberta Environment and Parks

Bryan Howie
Lake Louise Ski Resort

Chip Weber
Flathead National Forest

Clifford Kipp
Montana Conservation Corps

Corinna Strauss

Cyndi Smith
Waterton Lakes National Park (retired)

Daniel Sliva

Dave Hanna
The Nature Conservancy

David Walker

Dawn LeFleur
Glacier National Park

Debbie Jo Webster
Rancher, B&B operator

Dennis Madsen
Waterton Lakes National Park

Diana Tomback
Whitebark Pine Ecosystem Foundation

Ellen Jungck
Shoshone National Forest

Erin Sexton
University of Montana, Institute on Ecosystems

Garry Luini
Tech Resources

Greg Denitto
US Forest Service Region 1

Ian Dyson
Alberta Environment and Parks

Ifan Thomas
Waterton Lakes National Park

Jackie Rowley
Riverdale Resources

Jed Cochrane
Parks Canada – Lake Louise, Yoho and Kootenay

Jeff Mow
Glacier National Park
Jenny Burgess  
Alberta Parks  

Jimmy Gaudry  
US Forest Service Region 1  

Jodie Krakowski  
Alberta Tree Improvement & Seed Center  

John Bergenske  
Wildsight  

Joyce Gould  
Alberta Parks  

Kansie Fox  
Blood Tribe Management  

Kari Stuart-Smith  
Canadian Forest Products  

Keith Bocking  
Alberta Parks  

Keith Bott  
Riversdale Resources  

Kella Sadler  
Environment Canada  

Laura MacKinnon  
Municipality of Crowsnest Pass  

Lea Whitford  
Blackfeet Nation  

Len Broberg  
University of Montana  

Linh Hoang  
US Forest Service Region 1  

Lisa Machnik  
US Forest Service Region 6  

Lisa Talavia-Spencer  
Alberta Culture and Tourism  

Mark Storie  
Alberta Parks  

Marsha Heavy Head  
Blood Tribe Land Management  

Mary Frances Mahalovich  
US Forest Service  

Mary Riddle  
Glacier National Park  

Megan Evans  
Alberta Environment and Parks  

Melissa Jenkins  
Flathead National Forest  

Michael Albritton  
U.S. Bureau of Land Management  

Michael Murray  
BC Ministry of Forests, Lands and Natural Resources  

Michael Walton  
U.S. Bureau of Land Management  

Mike Black  
BC Ministry of Forests, Lands and Natural Resources  

Mike Bruised Head  
Blood Tribe, Kainai First Nation  

Mike Durglo  
Confederated Salish and Kootenai Tribes  

Noreen Plain Eagle  
Piikani Nation  

Peter Achuff  
Waterton Lakes National Park (retired)  

Peter Holmes  
BC Ministry of Forests, Lands and Natural Resources  

Rebecca Lawrence  
Glacier National Park
Regan Nelson  
Crown Conservation Initiative  

Rick Connell  
Flathead National Forest  

Robert Sissons  
Waterton Lakes National Park  

Robert Davies  
Flathead National Forest  

Robert Simieritsch  
Alberta Environment and Parks  

Roian Matt  
Confederated Salish and Kootenai Tribes  

Shannon Blackadder  
Crown Managers Partnership  
University of Calgary  

Shawn McKinney  
Researcher  

Shelagh Fox  
US Forest Service Region 1  

Signe Leirfallom  
Blackfoot Challenge  

Stephanie Keightley  
Canadian Forest Products  

Terry Tatsey  
Blackfeet Nation  

Todd Larsen  
East Kootenay Invasive Species Council  

Tony Harwood  
Confederated Salish and Kootenai Tribes  

Tony Incashola, Sr.  
Confederated Salish and Kootenai Tribes  

Tony Webster  
Rancher, B&B operator  

Victoria Gehue  
Teck Resources  

Warn Franklin  
Teck Resources  

Wayne Louie  
Ktunaxa Nation