

**Day 1- March 13th**

Time

8:00 AM- 8:45 AM **REGISTRATION (NHS Hall lobby)**  
 9:00 AM - 9:10 AM **Welcome: Dr. Sarah Reichard (NHS Hall)**  
 9:15 AM - 10:00 AM **Plenary Session 1: Dr. Peter Raven (NHS Hall)**

10:00 AM - 10:20 AM **Break (Botanic Gardens Commons)**

	<b>NHS Hall</b>	<b>Douglas Classroom</b>	<b>Issacson Classroom</b>
10:25 AM	A/B Climate Change: Observed and Predicted Effects on Plants and Plant Communities <b>Moderated by: Matt Carlson</b>	E1 Recovery of Rare Species and the Restoration of their Habitat <b>Moderated by: Sarah Reichard</b>	G1 Strategies for Implementing Conservation: Partnerships, Outreach, and Public Engagement <b>Moderated by: Jenifer Penny</b>
10:30 AM - 10:50 AM	Arctic and Boreal Plants Decline at the Southern Margin of their Range in Montana - <b>P. Lesica</b>	A Decade of Restoring Golden Paintbrush ( <i>Castilleja levisecta</i> ) in Washington: Where are We, and What Have We Learned? - <b>P. Dunwiddie</b>	<i>Sisyrinchium sarmentosum</i> (Pale Blue-Eyed Grass) Conservation Strategy and Agreement - <b>A. Ruchty</b>
10:50 AM - 11:10 AM	Testing the Limits: Effects of Climate and Competition on Conifer Distributions in Mount Rainier National Park - <b>A.K. Ettinger</b>	Welcome Back: Reintroduction of Golden Paintbrush ( <i>Castilleja levisecta</i> ) to Oregon - <b>T. Thomas</b>	Understanding the Relationship Between the Nisqually Tribe and Plants of Mount Rainier National Park - <b>D. Hooper</b>
11:10 AM - 11:30 AM	Spatial Heterogeneity in Ecologically Relevant Climate Variables at Coarse and Fine Scales - <b>K. Ford</b>	Investigating the Role of Host Plants in Recovering Golden Paintbrush ( <i>Castilleja levisecta</i> ) - <b>E. Delvin</b>	Tanoak Refuge: Intervention for a Threatened Traditional Food Plant - <b>F. Bowcutt</b>
11:30 AM - 11:50 AM	Modeling the Diversity of Rare and Endemic Plants at the Landscape Scale in Denali National Park: Implications of Climate Change for this Unique Natural Heritage - <b>C. Roland</b>	Ecological Drivers of Seedling Establishment and Survival of Endangered Prairie Plants - <b>K. Jones</b>	Kincaid's Lupine ( <i>Lupinus oregonus</i> ) on Boistfort Prairie: A Conservation Success Story - <b>J. Arnett</b>

12:00 PM - 1:00 PM **Lunch (Botanic Garden Commons)**

**Day 1- March 13th**

	<b>NHS Hall</b>	<b>Douglas Classroom</b>	<b>Issacson Classroom</b>
1:05 PM	D1 Disturbance Ecology and Plant Conservation <b>Moderated by: Mark Mousseaux</b>	H1 Taxonomy, ecology, and population dynamics of rare and endangered plants <b>Moderated by: Mary Stensvold</b>	G2 Strategies for Implementing Conservation: Partnerships, Outreach, and Public Engagement <b>Moderated by: Peter Dunwiddie</b>
1:10 PM - 1:30 PM	Biocultural Diversity: The Relationship Between Cultural Complexity and Ecological Diversity on the Northwest Coast of North America - <b>J. LeCompte-Mastenbrook</b>	Vascular Plant Endemism in Northwestern North America: Mapping Regional Endemics and Detecting Hotspots with a Biogeographical and Conservation Context - <b>C. Bjork</b>	Monitoring Plant Biodiversity Through Citizen Science: A Tool to Complement Traditional Scientific Inquiry - <b>W. Gibble</b>
1:30 PM- 1:50 PM	Indigenous Landscape Management, Recent Government Policy, and Restoration Efforts in Mountainous Landscapes in Washington and Sichuan - <b>S. Rigdon</b>	Modeling Ecological Niches of Two Closely Related Utah Endemic Plants: U.S. Federally Threatened <i>Townsendia aprica</i> and Its Close Congener, <i>T. Jonesii</i> var. <i>luta</i> (Asteraceae) - <b>C. Lee</b>	The New Native Seed Network - <b>R. Fiegener</b>
1:50 PM - 2:10 PM	Ecology and Human Use of Montane Meadows: Connecting the Conservation of Cultural Landscapes in Sichuan, China and Northwestern North America - <b>L. Urgenson</b>	Rare Plants in Uncommon Ecosystems: Informal Fen Studies on Five PNW National Forests - <b>R. Dewey</b>	Don't Believe that Database! Potential Problems with the Use of Digital Herbarium Records in Plant Conservation - <b>L. Jennings</b>
2:10 PM - 2:30 PM	Plant Diversity and Effects of Harvesting on Riparian Reserves in Forested Landscapes - <b>(Talk Cancelled)</b>	An Interagency Work Group Approach to Conserving the Rare Fungal Species <i>Bridgeoporus nobilissimus</i> - <b>K. Van Norman</b>	"From Salmonberry to Sagebrush" - Engaging the Public in Native Plant Curricula - <b>S. Moore</b>
2:30 PM - 2:50 PM	Using Prescribed Fire and Glyphosate to Manage the Invasion of Native Prairie by Indigenous Trees, Shrubs, and the Exotic Invasive Grass, Smooth Bromus ( <i>Bromus inermis</i> ), in Saskatchewan, Canada - <b>R. Wright</b>	Lessons Learned About Practicable Rare Plant Monitoring - <b>J. Arnett</b>	Rare Plant Rescue: Conserving Rare Plant Populations Through Voluntary Stewardship - <b>S. Vinge</b>
2:50 PM - 3:20 PM	<b>Break (Botanic Gardens Commons)</b>		

**Day 1- March 13th**

	<b>NHS Hall</b>	<b>Douglas Classroom</b>	<b>Issacson Classroom</b>
3:25 PM	F1 Reintroduction in a Changing World: How Well is it Working and, How Can it be Done Better, and Under What Circumstances is it Appropriate or Not? <b>Moderated by: Joe Arnett</b>	E2 Recovery of Rare Species and the Restoration of their Habitat <b>Moderated by: Ted Thomas</b>	
3:30 PM - 3:50 PM	Is Managed Relocation of Rare Plants Another Pathway for Biological Invasions? <b>S. Reichard</b>	The Status of Recovery Planning for Federally Listed Plant Species in Canada - <b>J. Whitton</b>	
3:50 PM - 4:10 PM	The Value and Propriety of Reintroduction as a Conservation Tool - <b>E. Guerrant</b>	Recovering Species on the Edge: Garry Oak and Associated Ecosystems in Canada - <b>S. Smith</b>	
	Spatial and Temporal Variation in Plant Establishment - <b>J. Bakker</b>	Risk tolerance and Rare Plant Conservation in Pacific Canada - <b>M. Fairbarns</b>	
4:10 PM - 4:30 PM	Staged-Scale Restoration: A Systematic Approach for Improving Restoration Effectiveness - <b>P. Dunwiddie</b>	Determining the Most Efficient and Effective Large-Scale Native Seeding Techniques to Restore Native Species to Degraded Prairies - <b>S. Hamman</b>	
4:30 PM - 4: 50 PM			
5:00 PM - 7:00 PM	<b>Social (Botanic Gardens Commons)</b>		
5:30 PM - 6:30 PM	<b>Poster Presentations (Merrill Hall and Commons)/ Botanical Art Exhibit (Miller Library)</b>		

**Day 2- March 14th**

Time

8:00 AM- 8:45 AM **REGISTRATION (NHS Hall lobby)**  
 9:00 AM - 9:10 AM **Welcome Back: Dr. Sarah Reichard (NHS Hall)**  
 9:15 AM - 10:00 AM **Plenary Session 2: Dr. Joshua Lawler (NHS Hall)**

10:00 AM - 10:20 AM **Break (Botanic Gardens Commons)**

	<b>NHS Hall</b>	<b>Douglas Classroom</b>	<b>Issacson Classroom</b>
10:25 AM	B Climate Change: Predicted Effects on Plants and Plant Communities <b>Moderated by: Peter Lesica</b>	H2 Taxonomy, ecology, and population dynamics of rare and endangered plants <b>Moderated by: Kelli Van Norman</b>	F2 Reintroduction in a Changing World: How Well is it Working and, How Can it be Done Better, and Under What Circumstances is it Appropriate or Not? <b>Moderated by: Ed Guerrant</b>
10:30 AM - 10:50 AM	Climate Change Impacts on Biodiversity in the San Francisco Bay Area: Models, Monitoring and the Management/Research Interface - <b>D. Ackerly</b>	Competition, Seed Predation and Predicted Affects of Climate Change Influence the Survival of a Rare Plant Species in Eastern Washington: What are the Management Options? - <b>J.K. Combs</b>	The Role of Reintroduction in the Recovery of <i>Fritillaria gentneri</i> : Current Successes and Future Directions - <b>K. Amsberry</b>
10:50 AM - 11:10 AM	Lilies at the Limit: A Story of Range Limits, Pollen Limitation, and Conservation in a Changing World - <b>E. Theobald</b>	Decline and Persistence of Persistensepal Yellowcress ( <i>Rorippa columbiae</i> ) in Reminant Free-Flowing Segments of the Columbia River in Washington - <b>D. Salstrom</b>	Experimental Reintroduction of Pink Sand-verbena to Vancouver Island - <b>M. Fairbarns</b>
11:10 AM - 11:30 AM	Rare Vascular Plant Distribution in Alaska: Evaluating Patterns of Habitat Suitability in the Face of Climate Change - <b>M. Carlson</b>	Population viability, trends, and demography in <i>Cypripedium fasciculatum</i> in Southern Oregon - <b>A.S. Thorpe</b>	Rarity, Reintroduction, and Dynamic Environments: Case Studies in Northwest <i>Camassia</i> and <i>Silene</i> - <b>S. Kephart</b>
11:30 AM - 11:50 AM	Forecasting the Effects of Climate Change on Rare Plant Populations - <b>I.A. Pfingston</b>	A Molecular Analysis of <i>Hackelia venusta</i> (Boraginaceae) and Related Taxa - <b>B. Wendling</b>	Restoring Biodiversity in the Shrub-steppe and Strategies to Increase Regulatory Recognition of Tribally Significant Species - <b>S. Link</b>

12:00 PM - 1:00 PM **Lunch (Botanic Garden Commons)**

**Day 2- March 14th**

	<b>NHS Hall</b>	<b>Douglas Classroom</b>	<b>Issacson Classroom</b>
1:05 PM	C Climate Change: Adapting Management Strategies to Observed and Predicted Effects <b>Moderated by: Regina Rochefort</b>	D2 Disturbance Ecology and Plant Conservation <b>Moderated by: Matt Fairbarns</b>	
1:10 PM - 1:30 PM	Integrating Prairie Habitat Components into Trails Crossing Urban Environments to Assist Dispersal - <b>E. Stewart</b>	There Goes the Neighborhood: Invaded Floral Neighborhoods Affect Foraging by Multiple Pollinators to Influence Success in Native Plants - <b>S. Waters</b>	
1:30 PM- 1:50 PM	Generalized Provisional Seed Zones for Native Plants - <b>A. Bower</b>	Rare Plants Colonize Disturbed Habitat at Rocky Point, British Columbia - <b>J. Miskelly</b>	
1:50 PM - 2:10 PM	Patterns of Rarity in Alaska Lichens: How Vulnerable Are These Species to Predicted Changes in Climate? - <b>B. Heitz</b>	Early Effects of White Pine Blister Rust ( <i>Cronartium ribicola</i> ) on White Pines in Arizona and New Mexico - <b>C. Looney</b>	
2:10 PM - 2:30 PM	Genetic Considerations for Plant Material Policies in the Context of Climate Change: A Forest Service Perspective - <b>M. Horning</b>	Shady Species Diversity - Development of Resilient Workhorse Seed Mixes for Understory Restoration Projects - <b>(Talk cancelled)</b>	
2:30 PM - 2:50 PM	Shifting Paradigms: Results of an International Survey of Restoration and Climate Change - <b>T. Kaye</b>	Managing Hydrology for Native Wetland Plants - <b>E. Stewart</b>	
2:50 PM - 3:20 PM	<b>Break (Botanic Gardens Commons)</b>		
	<b>NHS Hall</b>		
	<b>Conference Close: Synthesis and Next Steps</b>		
3:10 PM - 4:00 PM	<b>Facilitated Discussion</b>		