



## Ecological Restoration of Southwest Ponderosa Pine and Pinyon-Juniper Ecosystems

### *Detailed Agenda*

#### **Wednesday, May 11, SAF Business Meetings**

- 1:00 pm** Bob Maynard, Chair Intermountain SAF
- 1:30 pm** John Harrington, Chair Southwest SAF
- 2:00 pm** John Helms, SAF President
- 2:30 pm** Rod Brevig, Chair, House Society of Delegates
- 3:00 pm** Marlin Johnson, Region IV Council Rep
- 3:30 pm** Breakout Business Meetings for SW and IM
- 6:00 pm** **Evening Social and Poster Presentations**

**All times are local Utah time (Mountain Daylight Time)**

#### Meeting Co-Sponsors



**Thursday, May 12, Technical Presentations**

- 8:00 am Welcome, Introductions and Meeting Announcements**
- 8:20 am** Assessment of Drought Related Mortality in Pinyon-Juniper and Ponderosa Pine Forests Using Forest Inventory and Analysis Data, **John Shaw**
- 8:40 am** Forest Restoration and Fuels Reduction in Ponderosa Pine and Dry Mixed Conifer in the Southwest, **Marlin Johnson**
- 9:00 am** Cheatgrass Encroachment on a Ponderosa Pine Ecological Restoration Project in Northern Arizona, USA, **Christopher McGlone**
- 9:20 am** Restoration of Ponderosa Pine Ecosystem and its Understory, **Lee Hughes**
- 9:40 am Break (refreshments provided)**
- 10:10 am** Changes in Canopy Fuels and Fire Behavior After Ponderosa Pine Restoration Treatments: A Landscape Perspective, **John Paul Roccaforte**
- 10:30 am** The Irrationality of Continued Fire Suppression: A Partial Analysis of the Costs and Benefits of Restoration-Based Fuel Reduction Treatments vs. No Treatment, **G.B. Snider**
- 10:50 am** Identifying Markets for Piñon Pine in the Four Corners Region, **K.H. Mackes**
- 11:10 am** Sustainable Development Through Biomass Utilization, A Practical Approach, **Ravi Malhotra**
- 11:30 am Lunch Banquet (provided), Luncheon Speaker:**  
**Dr. John Helms**, SAF President, *Restoration of the Profession and SAF*
- 1:00 pm** Restoration of Southwestern Ponderosa Pine Forests: Implications and Opportunities for Wildlife, **Catherine Wightman**
- 1:20 pm** Home Range and Habitat Selection Patterns of Mule Deer in a Restoration-Treated Ponderosa Pine Forest, **Fenner Yarborough**
- 1:40 pm** Diablo Trust Piñon-Juniper Restoration Sites: Restoring Structure to Woodlands and Savannas, **Andrew Landis**
- 2:00 pm Break (refreshments provided)**
- 2:30 pm** Attributes Associated with Probability of Infestation by the Piñon Ips, *Ips confusus*, (Coleoptera: Scolytidae) in Piñon Pine, *Pinus edulis*, **Jose Negron**
- 2:50 pm** A Demonstration Project to Test Ecological Restoration of a Pinyon-Juniper Ecosystem, **David Huffman**
- 3:10 pm** Variation Among Pinyon-Juniper Woodlands: A Cautionary Note, **Matthew Williamson**
- 3:30 pm Break (refreshments provided)**
- 4:00 pm** A Native Plant Development Program for the Colorado Plateau, **Steve Monsen**
- 4:20 pm** Landscape Level Changes in Utah, **Joel Frandsen**
- 4:40 pm Wrap-up**
- 6:00 pm Evening Social and Poster Presentations**

**All times are local Utah time (Mountain Daylight Time)**





# Ecological Restoration of Southwest Ponderosa Pine and Pinyon-Juniper Ecosystems *Detailed Agenda*

## **Friday, May 13, Field Trip to Mt. Trumbull Restoration Projects**

- 7:30 am**                    **Gather in Parking Lot and Assign Vehicle Transportation**
- 8:00 am**                    Depart for Mt. Trumbull
- 9:30 - 9:45 am**            Historic Mt. Trumbull School House  
(see narrative in packet; restroom facility)
- 10:15 - 11:30 am**        Pinyon-Juniper Demonstration Site  
Brief presentations with handouts by ERI, BLM, and AGFD  
Discussion of pinyon-juniper restoration and fire issues
- 12 noon**                    **Sack Lunch (provided)**  
@ the Nixon Spring BLM Administrative Site (restrooms on site)
- 1:00 - 3:00 pm**            Ponderosa Pine Demonstration Sites (several stops)  
Brief presentations with handouts by ERI, BLM, and AGFD  
Discussion of ponderosa pine restoration and fire issues
- 5:00 pm**                    **Return to Hotel Parking Lot**

### **OPTIONAL EVENT:**

**Overnight at Nixon Administration Center on Mt. Trumbull.**

**Details provided at meeting or at <http://www.usu.edu/saf/05-spring-info.html>**

**All times are local Utah time (Mountain Daylight Time)**

Meeting Co-Sponsors



### Poster Topics: Evenings of May 11 & 12, 6pm

PRESENTER	TITLE
<b>John Anhold</b>	1- Stand Level Impacts of <i>Ips</i> and <i>Dendroctonus</i> Bark Beetles in Pine Forest Types of Northern Arizona
	2- Piñon Pine Mortality Event in the Southwest: An Update for 2005
	3- Influence of Elevation on Bark Beetle Community Structure in Ponderosa Pine Stands of Northern Arizona
	4- Do Bark Beetle Sprays Prevent <i>Phloeosinus</i> species from Attacking Cypress and Juniper?
<b>Michelle Cattaneo</b>	Small-Scale Variation in Soil Moisture Content Under Canopies of One-Seed Juniper Trees
<b>Andres Cibils</b>	Pinyon-Juniper Research at New Mexico State University's Corona Ranch
<b>J.M. Dhaemers</b>	Understory Recovery After Spring Prescribed Fire in a Pinyon-Juniper Watershed
<b>Brett Dickson</b>	Spatial Tools for Predicting the Effects of Fuels and Restoration Treatments on Forested Landscapes
<b>F.C. Hassler</b>	Expansion Patterns of <i>Juniperus Monosperma</i> into a Semi-Arid Grassland at Wupatki National Monument in Northern Arizona, USA
<b>Valerie Horncastle</b>	Tree Roosting Bat Responses to Forest Restoration: Techniques and Preliminary Results
<b>Mark W. Loveall</b>	Prediction Equations for Aboveground Biomass and Carbon Distribution in <i>Pinus edulis</i>
<b>McKinley-Ben Miller</b>	The Essence of Fire Regime Condition Class
<b>Carlos Ochoa</b>	Rainfall, Soil Moisture, and Runoff Dynamics in New Mexico Piñon-Juniper Woodland Watersheds
<b>Brytten Steed</b>	Piñon Pine Mortality in Utah and Nevada: 200-2004
<b>Michael Stoddard</b>	Does Slash Help Retain Soil and Increase Grass Cover in a Pinyon-Juniper Woodland?
<b>Robert Sturtevant</b>	Colorado Wood – Utilization and Marketing Program
<b>Joseph Trudeau</b>	Fungal Inoculum and Wood Mulch Application in Restoring Roads in Arizona Ponderosa Pine Forests
<b>Mary Williams</b>	Carbon Distribution within a <i>Pinus edulis/ Juniperus monosperma</i> – <i>Bouteloua gracilis</i> Interface Site in North Central New Mexico

### Meeting Co-Sponsors

