

## Piñon-juniper Habitats: Status and Management for Wildlife

12-14 October 2016

Sheraton Airport Hotel, Albuquerque, NM

### *Wednesday*

#### **Session 1: Current and Predicted State of Piñon-juniper Habitats, 8:30-12:25 (25 min./talk)**

8:00-8:30 Coffee

8:30-8:40 Welcome: Why a symposium on piñon-juniper? – Intro and session chair – Marikay Ramsey, BLM NM

8:40-9:05 P-J is not just one vegetation type: key variation in structure and disturbance dynamics – Bill Romme

9:10-9:35 Piñon-juniper woodlands as dynamic ecosystems: Past, present, and future – Craig D. Allen

9:40-10:05 Vulnerability of piñon-juniper habitats to climate change in the Southwest – Jack Triepke

10:05-10:25 Break

10:30-10:55 Using remote sensing data to map juniper response to drought induced mortality – Raul Campos-Marquetti and Daniel Ginter

11:00-11:25 Fire regime shift linked to increased forest density in a piñon-juniper savanna landscape – Ellis Margolis

11:30-11:55 Stand structural dynamics and density-dependent tree mortality in drought-affected Great Basin *Pinus monophylla* – *Juniperus osteosperma* woodlands – Samuel W. Flake and Peter J. Weisberg

12:00-12:25 Environmental drivers of tree mast production in piñon-juniper-oak woodlands of central New Mexico – Robert R. Parmenter, Roman I. Zlotin, Orrin B. Myers, and Douglas I. Moore.

12:25-2:00 Lunch

2:00-2:25 The odd couple: mutual facilitation by piñon pines and ectomycorrhizal fungi - Catherine Gehring, Andrew Krohn, Chris Sthultz, and Tom Whitham

#### **Session 2: Habitat Needs of Piñon-Juniper Wildlife, 2:00-5:45 (25 min./talk)**

2:30-2:35 Intro and session chair – Chuck Hayes, NM Department of Game and Fish

2:35-3:25 Elk, deer, and P-J: Needs, what works, and what doesn't – Lou Bender (50 minutes)

3:30-3:55 The importance of P-J to black bears in New Mexico – Rick Winslow

3:55-4:15 Break

4:20-4:45 Pinyon Jay habitat use in New Mexico piñon-juniper woodlands – Kristine Johnson, Jacqueline Smith, Giancarlo Sadoti, and Teri Neville

4:50-5:15 Habitat use at multiple scales by nesting Gray Vireos in New Mexico – Lynn Wickersham, Kristine Johnson, Giancarlo Sadoti, Teri Neville, and John Wickersham

5:20-5:45 Ecology of Montezuma Quail in the Capitan Mountains of New Mexico - Ryan S. Luna, Elizabeth A. Oaster, Karlee D. Cork, Ryan O'Shaughnessy, Randy L. Howard, Scott P. Lerich, and Louis A. Harveson

5:45-7:15 Social with cash bar

## ***Thursday***

### **Session 3: Current management activities and relevance for wildlife: goals, practices, and outcomes, 8:30-12:25 (25 min./talk)**

8:00-8:30 Coffee

8:30-8:35 Intro and session chair – Kristine Johnson, Natural Heritage NM, UNM Biology

8:35-9:00 Effects of piñon-juniper woodland thinning on avian communities in the Arkansas River Valley, Colorado – Pat Magee

9:05-9:30 Identifying and mitigating social-ecological tradeoffs: Vegetation, birds, fuels, and modeled fire behavior in piñon-juniper fuel treatments – Jonathan Coop

9:35-10:00 Restore NM: Creating partnerships for landscape restoration – Jeremy Kruger

10:00-10:25 Break

10:30-10:55 Using the Assessment, Inventory, and Monitoring strategy to measure treatment effectiveness in the Taos Field Office – Alexander Laurence-Traynor, Jessa Davis, Jason Karl, and Zoe Davidson

11:00-11:25 The effects of tree thinning on wildlife in piñon-juniper and ponderosa pine woodlands in the Manzano Mountains, New Mexico – David Lightfoot, Cody Stropiki Victoria Amato, Conor Flynn, and Anne Russell

11:30-11:55 Managing piñon-juniper for multiple values and goals – Rebecca McLain

12:00-12:25 Tailoring management to the inherent variability of P-J vegetation – Bill Romme

12:25-2:30 Lunch

### **Session 4: Breakout Discussion Groups**

2:30-4:30 Sign up for a discussion group at the registration table.

4:30 Wrap-up

### **Posters:**

Contraction and expansion zones in western North America piñon-juniper woodlands under projected 21<sup>st</sup> century climate change – Jacob R. Gibson, Thomas C. Edwards, Jr., Gretchen G. Moisen, Tracey Frescino, Niklaus Zimmermann, and Achilleas Psomos

Effects of prescribed fire on Gray Vireo nesting success on the Sevilleta NWR - G. Manakitivipart, D.C. Barton, K. Granillo, and M.E. Persche

Surveying and nest monitoring of the Gray Vireo (*Vireo vicinior*) in the Sevilleta National Wildlife Refuge - Ben Vizzachero and Sze Wing Yu

## ***Friday***

8:30 – ~3:30 Field trip to Sandia and Manzano Mountains