

THURSDAY 11 MARCH

Idaho Chapter of The Wildlife Society CONTRIBUTED PAPERS SESSIONS

Names of presenters are capitalized; those names with an * following their name are student presenters.

Modeling and Landscape Applications/Avian Ecology

Chair: Robin Garwood

Location: Rainier Room

- 8:00 **Techniques and applications of spatial modeling as a conservation tool: A case study of mountain quail (*Oreortyx pictus*).** SONYA KNETTER, W. Bosworth, S. Romin and L. Svancara
- 8:20 **Candidate conservation agreements with assurances for greater sage-grouse: A viable conservation tool?** JASON PYRON and A. Sands
- 8:40 **Climate change and the potential resilience of U.S. National Parks.** LEONA K. SVANCARA, J. Lawler, J. M. Scott, T. Loveland, B. Horne, D. Goble, R. Wright
- 9:00 **Ongoing native riparian habitat restoration: Using soft techniques and hard working volunteers.** MARY DUDLEY and M. Young
- 9:20 **Idaho watershed initiative; a pilot habitat restoration program.** DON KEMNER
- 9:40 **Overview of the Southern Idaho BLM infrastructure development conflict map.** PAUL MAKELA, C. Braun, and D. Major
- 10:00 **Wildlife applications for forest inventory and analysis data.** CHRIS WITT

Mammalian Ecology

Chair: Brad Compton

Location: Regency Room

- 8:00 **Multi-scale effects of forest roads on black bears.** BENJAMIN S. JIMENEZ*, M. Mitchell and P. Zager
- 8:20 **Fecal indices in mule deer: effects of competition with elk.** M. PAUL ATWOOD, P. Zager, J. Millspaugh, M. Matocq, R. T. Bowyer, and J. Kie
- 8:40 **Non-invasive genetic sampling reveals black bear population dynamics driven by changes in food productivity.** BARB MCCALL-MOORE and M. Mitchell
- 9:00
- 9:20 **Resource selection by mule deer: winter severity and competition with elk.** RYAN A. LONG*, M. Atwood, R. T. Bowyer, P. Zager, and J. Kie

- 9:40 **Fecal nitrogen as an index to diet quality: sex-specific effects.**
KEVIN L. MONTEITH*, K. Monteith, J. Jenks, R. T. Bowyer, and D. Leslie, Jr.
- 10:00 **Notes on the occurrence of migrating tree bats in sagebrush-dominated habitats with special reference to the detection of the hoary bat (*Lasiurus cinerius*) at lava caves.** BILL DOERING
- 10:20-10:40 BREAK

Modeling and Landscape Applications/Avian Ecology

Chair: Toni Holthuijzen

Location: Rainier Room

- 10:40 **Columbian sharp-tailed grouse wing analysis: Implications for management in Idaho.** JEFFREY KNETTER
- 11:00 **Can systematic aerial lek surveys be used to assess sage-grouse populations?** HELEN ULMSCHNEIDER and M. Commons-Kemner
- 11:20 **Use frequency of individual nest by golden eagles in southwestern Idaho: Application to management.** MICHAEL KOCHERT and K. Steenhof
- 11:40 **Preliminary results of monitoring a forest grouse population in southwestern Idaho.** DAVID D. MUSIL

Mammalian Ecology

Chair: Curtis Hendricks

Location: Regency Room

- 10:40 **Did pygmy rabbits increase in the Bruneau from 1900 to 2009?** HELEN ULMSCHNEIDER
- 11:00 **Effects of pygmy rabbits on vegetation.** JANET L. RACHLOW, A. Price, and L. Shipley
- 11:20 **Maintaining connectivity for wide-ranging species: pronghorn migration routes and crucial habitat in eastern Idaho.** M. TESS O’SULLIVAN, S. Bergen and K. Murray
- 11:40 **New migration routes for Idaho’s largest pronghorn herd?** Scott Bergen, M. TESS O’SULLIVAN and K. Murray
- 12:00-1:20 LUNCH BREAK

Avian ecology

Chair: Rob Cavallaro

Location: Rainier Room

- 1:20 **The Idaho Bird Observatory: use of volunteers to conduct long-term population monitoring of migratory landbirds.** GREGORY S. KALTENECKER, J. Carlisle, and M. Dudley
- 1:40 **Estimating greater sage-grouse fence collision rates in breeding areas: preliminary results.** BRYAN S. STEVENS*, K. Reese and J. Connelly
- 2:00
- 2:20 **Lidar applications for wildlife biodiversity and habitat modeling.** KERRI T. VIERLING, L. Vierling and A. Hudak

Mammalian Ecology/Amphibian Ecology

Chair: Tess O'Sullivan

Location: Regency Room

- 1:20 **Aquatic invertebrate, avian, and amphibian use of vernal pools and playas in southwest Idaho: Description of habitats, inventory results, and conservation assessment.** CHRIS MURPHY and T. Weekley
- 1:40 **Variation across seasons in prevalence and intensity of infection by the amphibian chytrid fungus for the Columbia Spotted Frog in North Idaho.** DANELLE M. RUSSELL*, C. Goldberg, L. Waits and E. Rosenblum.
- 2:00 **Investigation of wild and feral carnivores as reservoirs of Aleutian Disease virus.** MARK DREW and S. Stopak
- 2:20 **Changes in mountain lion space use following wolf reintroduction: simple models for understanding complex interactions.** JON S. HORNE, P. Buotte, and T. Ruth
- 2:40 – 3:10 BREAK

Combined Session

Chair: Kerri Vierling

Location: Ballroom

- 3:10 **Viability of White-Headed Woodpecker (*Picoides albolarvatus*) in the Interior Columbia River Basin: an exploratory metapopulation analysis.** RITA DIXON
- 3:30 **Abundance and productivity of long-billed curlews (*Numenius americanus*) on the long-billed curlew area of critical environmental concern (ACEC) in southwestern Idaho.** JAY CARLISLE and C. Moulton
- 3:50 **Impacts of regional cold front and localized weather phenomenon on autumn migration of raptors and landbirds in Southwest Idaho.** ROBERT A MILLER*, J. Carlisle, and G. Kaltenecker
- 4:10 **The American dipper (*Cinclus mexicanus*) as an indicator of ecological integrity in streams.** KATHERINE M. STRICKLER
- 4:30 **Transmission lines, greater sage-grouse, ravens, and raptors in southwestern Idaho.** KAREN STEENHOF

6:00 BANQUET in Ballroom
Awards Ceremony

Banquet Speaker: **Polar Bears**
TOM SMITH -Brigham Young University