



presents the

**49th Joint Annual Meeting of the
Arizona/New Mexico Chapters of the Wildlife Society and the
Arizona/New Mexico Chapters of the American Fisheries
Society**

**Thursday – Saturday, February 4-6, 2016 at the
Little America Hotel in Flagstaff, AZ**

Conference Plenary:

Who Will Manage the Future of Our Public Lands?

Workshops (Thursday, February 4):

Piscicide 9AM -4PM | Interview and Resume building 8AM-4PM | Communication for conservation 8AM-Noon | Wildlife Legislation and Advocacy Noon-4PM | New Technologies and Apps 8AM-Noon | Drone Technologies Noon-4PM | Climate Change 8AM-Noon | Venomous Reptiles Noon-4PM

Conference registration at

www.regonline.com/JAM2016_AZ-NMChapters_AFS_TWS

For hotel reservations:

<http://flagstaff.reservations.littleamerica.com/bp/availStart.jsp?checkinYear=2016&checkinDay=4&checkinMonth=02&numberOfNights=2&numberOfRooms=1&numberOfAdults=1&numberOfChildren=0&owsLanguageCode=EN&groupCode=0216ARIZON>

Or call: 1-800-352-4386

Mention the Joint Annual Meeting of AZ/NM TWS and AZ/NM AFS
More event information on plenary speakers, trainings and workshops, Student Quiz Bowl, photo contest, and student paper/poster competitions at www.aztws.org.

Interested vendors contact Natalie Robb at nrobb@azgfd.gov

Check both websites regularly for updates!

First Call for Papers

We are now accepting abstracts, FIRST CALL abstracts to be submitted by December 20, 2015

The Program Committee for the 2016 JAM invites abstracts for contributed oral presentations and posters. The program will include a plenary session, contributed papers and a poster session on a wide range of fisheries and wildlife related topics. Presentations may include completed projects and works in progress.

We strongly encourage students to attend and are particularly interested in student presentations. There will be several awards for best papers and posters. The AZ/NM Chapter of the American Fisheries Society will present a "Best Student Paper" and "Best Student Poster" award for presenting papers/posters in the fisheries field. The AZ and NM Chapters of The Wildlife Society will present a "Best Student Paper" and "Best Student Poster" award for presenting papers/posters in the wildlife field.

All fisheries and wildlife student posters and fisheries student oral presentations will automatically be considered for awards. *However, see the attached Best Wildlife Student Paper announcement for information on applying for the best student oral presentation competition in wildlife.*

INSTRUCTIONS FOR ORAL PRESENTATION AND POSTER ABSTRACTS

Speakers will be given 20 minutes for their presentation (15-minute presentation and 5 minutes for questions). A laptop PC and digital projector will be provided for Power Point presentations. Please inquire about other audio-visual aids if necessary.

Oral presentation and poster abstract format:

List all authors using first and last names, their affiliation, addresses, and e-mail addresses. When choosing the title, be brief but descriptive and avoid using acronyms or scientific names in the title unless the common name is not widely known. **Please indicate if you are a student (undergraduate or graduate) at the end of the abstract (see example below).** Abstracts are restricted to 250 words and should summarize the findings. *Please follow the format from the example below so that program chairs can focus on processing abstracts rather than making edits. Abstracts with grammatical errors or incorrect formatting will be returned to the authors for correction prior to acceptance.*

Poster Size and Display:

Please limit your poster size to 32"x 44" which can be either portrait or landscape; each presenter will have a 4x4 foot space for their poster, which will provide a place to hang the poster and other information such as handouts and category headings. Presenters are required to assemble and disassemble their own poster. You must provide tacks or push pins.

Poster Presenters should attend the Poster Session at the meeting to answer questions. Breaks and socials will be organized around the Posters to encourage discussion between attendees and poster presenters. Poster submissions from students will automatically be considered for the Student Poster Competition.

Please email your abstracts to the appropriate Program Chair below by December 20, 2015:

Oral presentation for fisheries: John Caldwell, john.caldwell@state.nm.us

Oral presentations for wildlife: Melanie Culver, melanieculver59@gmail.com

Poster presentations for fisheries: John Caldwell, john.caldwell@state.nm.us

Poster presentations for wildlife: Brett Montgomery, brettmontgomery@live.com

All presenters will receive an e-mail confirmation of their abstract submission within one week post-submittal, abstract acceptance within two weeks of submission. Notification of the time and place of presentation or poster will be sent in January.

ABSTRACT EXAMPLE

Authors:

James W. Pitman, New Mexico State University, Department of Fish Wildlife and Conservation Ecology, 2980 South Espina, Knox Hall 132, Las Cruces, New Mexico 88003; jwpitman@nmsu.edu

James W. Cain III, U.S. Geological Survey New Mexico Cooperative Fish and Wildlife Research Unit, New Mexico State University, Department of Fish Wildlife and Conservation Ecology, 2980 South Espina, Knox Hall 132, Las Cruces, New Mexico 88033; jwcain@nmsu.edu.

Stewart G. Liley, New Mexico Department of Game and Fish, 1 Wildlife Way, Santa Fe, New Mexico 87507; Stewart.Liley@state.nm.us

Title:

Post-parturition habitat selection by elk calves and adult female elk in New Mexico

Abstract:

Neonatal survival and juvenile recruitment are crucial to maintaining elk (*Cervus elaphus*) populations, and neonate survival is known to be influenced by many factors, including bed site selection. While neonates select the bed site, they must do so within the larger calf-rearing area selected by the mother. Our objectives were to characterize bed-site selection by calves and calf-rearing area selection by adult females at two spatial scales in areas with different predator assemblages. We captured 107 elk calves and fitted them with ear tag transmitters in the Valle Vidal and Gila National Forest. We found that concealing cover structure and distance to that cover were important in bed site selection of young calves (i.e., <2 weeks of age). Older calves (i.e., 3-10 weeks of age) still selected areas in relation to distance to cover but also preferred areas with higher visibility. When we expanded to the larger spatial scale of calf-rearing habitat selection by the adult female, concealing cover (e.g., rocks, shrubs, logs) and other variables important to the hiding calves were still in the most supported models, but selection was also influenced by forage availability and indices of forage quality. Studies that seek to obtain insight into microhabitat selection of neonates should consider selection by both the neonate and adult female, and changes in selection as neonates age.

**Student