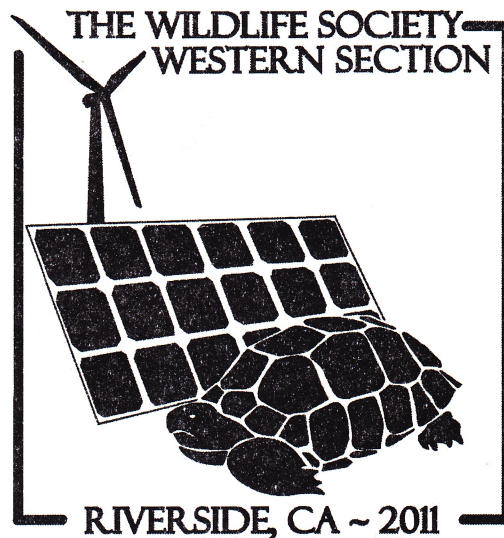


2011 Annual Conference

**The Western Section of
The Wildlife Society**

CONFERENCE THEME:

**Alternative Energy and Wildlife:
Current Efforts to Balance Conflicting Sustainability Goals**



PLENARY SESSION THEME:

Recruiting the Next Generation of Wildlife Professionals

February 9-11, 2011
Riverside Convention Center
Riverside, California

**Concurrent Session:
Ecology and Management of Carnivores**

**Wednesday, February 9, 2011
1:00 p.m. to 4:50 p.m.
Victoria North**

Chair: Dr. John Perrine, California Polytechnic State University, San Luis Obispo

- 1:00 to 1:05 p.m.** **Session introduction and announcements**
- 1:05 to 1:25 p.m.** ***Identifying Predators of California Fishers: Linking Pathologic Findings to Predator Species Confirmed Through Molecular Techniques***
Greta M. Wengert, Mourad W. Gabriel, Rick A. Sweitzer, Reginald H. Barrett, Craig Thompson, Kathryn Purcell, Sean M. Matthews, J. Mark Higley, Rebecca Green, Leslie Woods, Megan Jones, Stefan M. Keller, Benjamin Sacks, Patty M. Gaffney and Linda Munson
- 1:25 to 1:45 p.m.** ***Contemporary and Historical DNA Show Fisher Decline and Isolation Occurred Prior to the European Settlement of California***
Jody M. Tucker, Michael K. Schwartz, Richard L. Truex, Kristine M. Pilgrim and Fred W. Allendorf (Student Paper)
- 1:45 to 2:05 p.m.** ***Survival and Causes of Mortality for Pacific Fishers in the Southern Sierra Nevada, California***
Rick A. Sweitzer, Craig M. Thompson, Kathryn L. Purcell, Mourad W. Gabriel, Greta M. Wengert and Reginald H. Barrett
- 2:05 to 2:25 p.m.** ***The Use of Multiple Spatial Datasets to Illuminate Fisher Ecological Behavior in the Sierra National Forest, CA.***
Craig M. Thompson, Kathryn L. Purcell, Rebecca E. Green and James Garner
- 2:25 to 2:45 p.m.** ***To Rescue or Not To Rescue? Wrestling with Ethical, Scientific, and Conservation Questions when Fisher Kits Become Orphans***
Rick A. Sweitzer, Carrie O'Brien, Deana Clifford, Eric Wolters and Lewis Wright
- 2:45 to 3:05 p.m.** **Refreshment Break (Ben Lewis)**
- 3:05 to 3:10 p.m.** **Announcements**

- 3:10 to 3:30 p.m.** *Reintroduction of Fishers into the Northern Sierra Nevadas of California*
Aaron N. Facka and Roger A. Powell
- 3:30 to 3:50 p.m.** *Augmentation of Wolverines in the Sierra Nevada: Feasibility and Implementation*
David K. Garcelon, Brian R. Hudgens, Richard N. Brown and Julie K. Young
- 3:50 to 4:10 p.m.** *Foraging Patterns of Island Foxes: Implications for Conservation*
Brian L. Cypher, Alexandra Madrid, Christine Van Horn Job, Erica Kelly, Stephen Harrison and Tory Westall
- 4:10 to 4:30 p.m.** *Discovery of a Remnant Population of Sierra Nevada Red Fox (Vulpes vulpes necator) in the Southern Sierra Nevada*
Adam C. Rich, Sherri K. Lisius, Mark J. Statham and Benjamin N. Sacks
- 4:30 to 4:50 p.m.** **Additional discussion, questions and answers**
- 4:50 p.m.** **Session concludes**

**Concurrent Session:
Diseases and Parasitism**

**Thursday, February 10, 2011
1:00 p.m. to 4:30 p.m.
Magnolia Room**

**Chairs: Dr. Deana Clifford, California Department of Fish and Game, and
Dr. Richard Brown, Humboldt State University**

- 1:00 to 1:05 p.m. Session introduction and announcements**
- 1:05 to 1:25 p.m. *The “One World, One Health” Paradigm: A Role for Wildlife Managers***
Richard N. Brown and Deana L. Clifford
- 1:25 to 1:45 p.m. *Biodiversity and Diseases***
Janet Foley
- 1:45 to 2:05 p.m. *Micronutrient Deficiency, Pediculosis and Hair Loss Syndrome in California Deer***
Greg Gerstenberg, Pam K. Swift, Birgit Puschner and Leslie Woods
- 2:05 to 2:25 p.m. *An Epidemic Response Plan for Island Endemics***
Brian R. Hudgens, T. Winston Vickers, Deana L. Clifford, Richard N. Brown and David K. Garcelon
- 2:25 to 2:45 p.m. *Treatment for Ear Mites as a Management Technique to Reduce Cancer Risk in Endangered Catalina Island Foxes (*Urocyon littoralis catalinae*)***
Winston Vickers, Deana L. Clifford, Linda Munson, David K. Garcelon, Patricia M. Gaffney, Julie King, Calvin Duncan, Megan Moriarty and Walter M. Boyce
- 2:45 to 3:05 p.m. Refreshment Break (Ben Lewis North)**
- 3:05 to 3:10 p.m. Announcements**
- 3:10 to 3:30 p.m. *Notoedric Mange and Anticoagulant Rodenticide Exposure in Bobcats (*Lynx rufus*) in Southern California***
Laurel E. Klein, Seth P.D. Riley, Janet E. Foley, Sean D. Owens, Katryna Fleer, Robert H. Poppenga and Robert K. Wayne

3:30 to 3:50 p.m. *Mortality in California Fishers: Direct and Indirect Pathogenic Influences*

Mourad W. Gabriel, Leslie Woods, Stefan Kellar, Patty Gaffney, Megan Jones, Rick Sweitzer, Craig Thompson, Reginald Barrett, Kathryn Purcell, Deana Clifford, Mark Higley, Karen Terio, Sean Matthews, Edward Dubovi, Greta Wengert and Linda Munson

3:50 to 4:10 p.m. *Southern Sea Otters as Sentinels for Land-Sea Pollution*

David A. Jessup and Melissa A. Miller

4:10 to 4:30 p.m. Additional discussion, questions and answers

**PLEASE SILENCE
YOUR CELLULAR PHONE
AND SIMILAR DEVICES...**

**Please join us for the...
Annual Member Meeting
(Arlington Room)**