



Wild Call

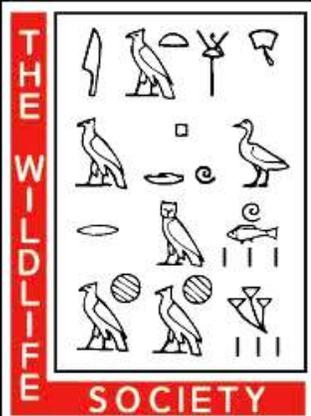
A publication of the Utah Chapter of The Wildlife Society

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UTAH CHAPTER BOARD MEMBERS:

Carmen Bailey, President
 Thomas Smith, Past-President
 Randy Larsen, President-Elect
 Heather Talley, Secretary
 Justin Shannon, Treasurer
 Justin Dolling, Odd-Year Member
 Robert Knight, Even-Year Member
 Avery Cook, Webmaster



Announcing: Utah Chapter of The Wildlife Society 2013 ANNUAL MEETING

March 20-22, 2013
 Ruby's Inn, Bryce Canyon, Utah

“BASIC BIOLOGY, MODERN TECHNOLOGY: MOVING MANAGEMENT INTO THE 21ST CENTURY”

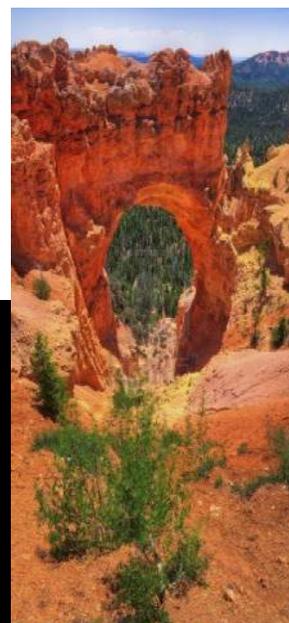
Plenary Session: Speakers include: Dr. Tamara Goetz, Former State Science Advisor for Utah, Dr. James Sheppard, San Diego Zoo Institute for Conservation Research, and Brad Hill, Photographer, Natural Art Images.

Other Sessions:

Oral Technical Sessions
 Poster Session

Additional Features:

Quiz Bowl
 Banquet
 Photo Contest
 Poster & Presenter Contest
 Silent Auction



“For a successful technology, reality must take precedence over public relations, for Nature cannot be fooled.”

-Richard P. Feynman

Meeting Details



**March 20-22, 2013
Ruby's Inn,
Bryce Canyon, Utah**

**Reserve Your Room Today.
Space is Limited.**

Conference Hotel:

Ruby's Inn
26 S Main Street, Bryce Canyon, Utah 84764
For Reservations: 866-866-8616
Special Rate: \$60.00 + 12.3% tax
Name of the block of rooms: Wildlife Society
To Reserve Online: Go to www.bryceres.com/rubys.
Put in the dates for the block of rooms that has been set up. In the field that says, "Special Rates" choose Group/Block and in the blank put the code 42G. This code is specific to the group and only works for the web. This will then show you the available rooms for your group.

Alternate Hotel:

Bryce Canyon Grand Hotel
30 N 100 East
Bryce Canyon City, Utah 84764
For Reservations: 855-584-5296

2013 Annual Meeting: Tentative Schedule of Events

All daytime and evening events will be held at Ruby's Inn in Bryce Canyon, Utah.

Wednesday, March 20th

8:00 —12:00 Field Trips
11:30—1:00 Registration
1:00 — 5:00 Plenary Session
7:00 — 8:30 Meeting & Greet/
Quiz Bowl

Thursday, March 21st

8:00 —5:00 Technical Papers
5:30 — 6:15 Official Poster
6:30 — 9:30 Awards Dinner,
Raffle, and
Auction

Friday, March 22nd

8:00—1:00 Technical Papers

Registration

Online Registration

Follow the link below to register for the conference. Costs are outlined below. Utah Chapter dues are \$10 and are *required* in addition to the registration fee.

Website accepts debit (Visa and Master card) and credit (Visa, Master Card, American Express, and Discover) cards. Payment is required at time of registration. Note that registration costs increase after March 5 and Banquet space may be limited. Cash and checks cannot be taken through the online registration process and are thus discouraged. If you have to use cash or check, they can be taken at the door. Anyone who needs to use cash or check should contact Justin Shannon at (justinshannon@utah.gov) to receive the early rate.

Register at https://www.regonline.com/uttws_2013

Costs

Required:

- Student Registration \$35 on or before March 5. \$50 after March 5,
- General Registration: \$50 on or before March 5. \$75 after March 5,
- Retiree Registration \$35 on or before March 5. \$50 after March 5,
OR
- Single Day Registration: \$30 per day,
AND
- Utah Chapter Dues: \$10 (required unless you already paid through National TWS).

Optional But Strongly Encouraged:

The Banquet is an annual event where awards are announced and the raffle and auction occur along with other announcements. Most of the attendees generally attend, so you should to! A delicious menu is being planned at Ruby's Inn Restaurant.

- Banquet Ticket: \$25
- Extra Banquet Ticket: \$25

Call for Papers

Abstracts: We invite submission of contributed papers and posters on topics of wildlife science, management, ecology, conservation, education, or policy for the annual meeting of The Utah Chapter of The Wildlife Society. **Deadline for abstracts is February 20, 2013.** Participants will be notified of abstract acceptance and scheduling by March 5, 2013. Papers and posters will be accepted based on their technical merit, relevance, and/or contribution to our knowledge. Papers and posters could present results from completed studies or works in progress. Complete applications will include a properly formatted abstract (see sample abstract below) of not more than 300 words and a completed cover sheet (page 5).

Paper Sessions: If possible, papers will be grouped according to general topic. Oral presentations will be limited to 15 or 20 minutes (including questions) depending on the number of papers accepted. Electronic presentations should be in Microsoft PowerPoint format (version 2007 or older, 2010 may not operate fully).

Poster Session: Poster presenters will be required to attend their poster during the scheduled poster session. For instructions and requirements, contact **Justin Dolling (justindolling@utah.gov)**.

Submission: Email all paper and poster abstracts to **Randy Larsen (randy_larsen@byu.edu)**. If you do not receive an email notification confirming receipt of your abstract within 7 days of submission, please inquire to be sure your submission was received. If you have questions or concerns, please email Randy. Abstracts will only be accepted via email. **STANDARD MAIL AND FAX SUBMISSIONS WILL NOT BE ACCEPTED.** **Paper and poster abstracts, with accompanying cover sheet, are due no later than February 20, 2013.**

EXAMPLE ABSTRACT

**SEXUAL SEGREGATION AND USE OF WATER BY BIGHORN SHEEP:
IMPLICATIONS FOR CONSERVATION (SIZE 12, SMALL CAPS, BOLD, CENTERED)**

**Jericho C. Whiting¹, R. Terry Bowyer¹, Jerran T. Flinders², Vernon C. Bleich¹,
John G. Kie¹ (Size 11, Bold, Centered)**

¹Department of Biological Sciences, Idaho State University, Pocatello, ID 83209 (Size 11, Centered)

²Department of Plant and Wildlife Sciences, Brigham Young University, Provo, UT 84602

Males and females of most dimorphic ruminants segregate outside the mating season, which may necessitate that conservation efforts focus on differential habitat used by the sexes. Bighorn sheep (*Ovis canadensis*) are one of the rarest ungulates in North America with some populations listed as endangered, and males and females of this species use habitat differently. Water sources are important for the persistence of populations of bighorns, especially in a changing climate. Understanding whether the sexes use different water sources could influence the conservation of these unique animals and the habitats they occupy; however, little research exists regarding this important topic. We tested hypotheses relating to use of water sources by reintroduced male and female bighorns in Utah, USA, from 2005 to 2006. We investigated whether use of this resource differed across seasons by sex, and if sexes used water more during drought compared with non-drought conditions. Bighorns used small, adjacent core areas during segregation, and males and females used different sources of water during that time. Males visited water sources used by females more during aggregation. Males and females used water sources more in summer, and males visited water sources more during rut than did females. Males and females did not use water sources more during drought compared with non-drought conditions; however, sexes visited water sources more during the season following drought than following non-drought conditions, indicating a time-lag in use of this resource. Our results highlight the importance of water sources used by sexes of bighorns, and indicate that the existing criterion for distance of bighorn reintroductions from water may be inadequate for successful establishment of populations. We recommend conservationists assess availability of water sources near habitat used by male and female ungulates prior to conserving and manipulating habitat, siting artificial sources of water, and reintroducing animals. (Size 11, 1.15sp between lines)

PAPER AND POSTER ABSTRACT COVER SHEET

The Utah Chapter of The Wildlife Society
2013 Annual Meeting
Ruby's Inn
Bryce Canyon, Utah
March 20-22, 2013

Name of Corresponding Author: _____

Institution: _____

Address: _____

City: _____ State/Province: _____

Zip/Postal Code: _____ Country: _____

Telephone: _____ Cell: _____

E-mail: _____

Abstract Title: _____

Author(s): _____

Name of Paper Presenter: _____

Presentation Format Preference (check one):

Professional Oral: _____ *Student Oral:* _____ *Poster:* _____

If my preferred presentation format is not available (check one):

I authorize a switch: _____ *I withdraw my abstract:* _____

Do you wish to participate in the "Best Professional Paper Presentation, Best Student Paper Presentation, or Best Poster" Contest? (check one) Yes: _____ No: _____

Other special needs (e.g., scheduling preferences):

Utah Chapter Seeks New Officers

The Utah Chapter of The Wildlife Society will be looking to fill two positions in 2013. Officers will be elected by the membership at the annual meeting. Nominations for the following positions are now being accepted:

President-Elect: Responsible for organizing the 2014 Annual Meeting in the first year. Responsible for elections, scholarships, and newsletters (in coordination with the Secretary) in the second year. And responsible for awards and for passing on institutional knowledge about the Chapter to the President and President-Elect in the third year. Position lasts for 3 years.

Odd-year Member: Responsible for soliciting donations, maintaining positive relationships with donors, and providing occasional articles for the quarterly newsletter and other assignments as needed. Position lasts for 2 years.



**Would you
or someone you know
make a good
TWS Utah
Chapter Officer?**

Submit nominations to **Carmen Bailey** at carmenbailey@utah.gov. Please provide names, contact information and TWS position of interest.



Award Nominations Needed

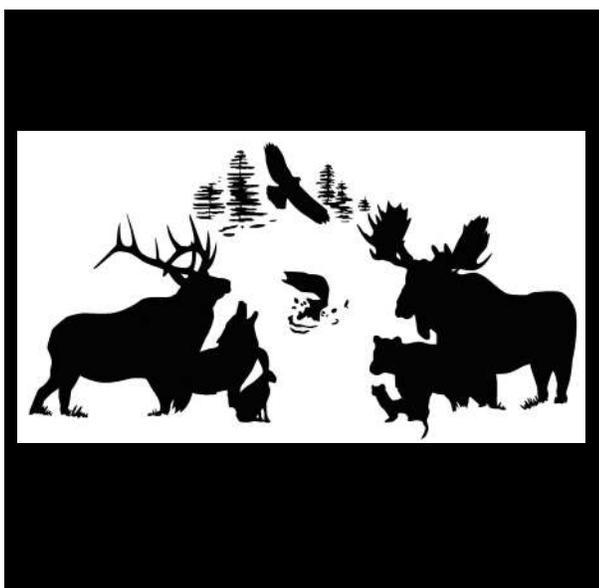
Annually, the Utah Chapter of The Wildlife Society awards chapter members, individuals, and groups who have made a significant contribution to the profession and field of wildlife conservation and management. Do you know someone who deserves recognition for their accomplishments? Nominations are now being accepted for the following awards:

Award of Excellence: Designed to recognize one Chapter member each year for career-long achievement and professional excellence in wildlife research, management, publication, administration, or education. This award may be given to an individual only once during their career.

Award of Merit: Designed to recognize Chapter members for meritorious performance in wildlife research, management, publication, administration, or education projects or programs. This award may be given to more than one member each year and may be given to an individual more than once during their career.

Conservation Achievement Award: Designed to recognize nonmember individuals or groups for outstanding contributions or service in wildlife research, management, publication, administration, or education projects or programs. This award may be given to more than one individual or group each year and may be given to an individual or group more than once.

Certificate of Appreciation: Designed to recognize a member or nonmember (individuals, agencies, or groups) for outstanding efforts or accomplishments in assisting with or furthering any aspect of wildlife conservation. This certificate may be given to an individual or group more than once.



Nominations will be accepted at any time between now and February 20, 2013. The awards will be presented at the 2013 Annual Meeting Banquet at Ruby's Inn. Please email nominations and a description of why you feel this individual or group should receive the award to **Tom Smith** at tomsmith@byu.edu.



Call for Auction and Raffle Items

RAFFLE AND AUCTION TO SUPPORT STUDENTS!

Do you own a business or know someone who does? Do you have a hobby such as photography, wood-working, taxidermy, painting, etc.? Would you like to donate to a wonderful cause? If you answered yes to any of those questions, please consider **helping to gather donations for our annual silent auction and raffle** during the upcoming meeting at Ruby's Inn. The proceeds fund scholarships given to exceptional undergraduate and graduate wildlife students at Utah colleges and universities. Donations are tax deductible and, of course, cash donations are accepted. If you are interested, please contact **Robert Knight (Robert.n.knight@us.army.mil)** for donor forms.

Photography Contest

ENTER TO WIN OUR ANNUAL 2013 PHOTOGRAPHY CONTEST

INFORMATION AND RULES

A long-time tradition, the 2013 Annual Meeting will also be the site of the 2013 **Photography Contest**. Photos will be accepted in the following categories: (1) **wildlife species**, (2) **scenery**, and (3) **biologists at work**. Photos must be 8 x 10 inches in size and unframed; both film and digital photos will be accepted. Contestants may enter up to 3 photographs per category. **Awards for "best in category" and "best overall"** will be voted on by the membership at the Annual Meeting and prizes will be awarded at the banquet. Photos should be submitted at the registration desk upon arrival to the Annual Meeting on March 20, 2013. Amateur photographers only, please. Questions can be addressed to **Tom Becker at tombecker@utah.gov**.

This year we will have great prizes donated from Pictureline—Salt Lake City's premiere store for the professional and amateur photographer!



Utah Chapter's Quiz Bowl!!

At this year's 2013 Annual Meeting, we will have our 2nd **Utah Quiz Bowl!** This event, modeled after the one held at the National Meeting, will consist of **8 teams**. Anyone interested in participating on a team should contact **Frank Howe** (frankhowe@utah.gov).

Competing teams will be made up of students, professional biologists, and academics. Teams may be organized by agency or school. You don't have to be part of a team or have one in mind to participate! Teams will be assembled by the co-chairs of the event though you can state your preferred team members when you volunteer to participate.



QUIZ bowl 2013

Win Prizes!!! In addition to state-wide bragging rights, of course! And the chance to defend your title at the next Annual Meeting! It is a great way to get noticed by professors and professionals alike as well. New to the membership?
Get involved!

2013 Student Grants-in-Aid

The Utah Chapter of The Wildlife Society (TWS) is announcing Grants-in-Aid for graduate and undergraduate research. We propose issuing 2 grants up to \$1,500 each to assist student research and 3 grants for up to \$1,000 each to provide mentoring funds. Read and follow the instructions below and submit year application to **Carmen Bailey** at carmenbailey@utah.gov by **March 1st**. The winners will be announced at the annual TWS meeting this Spring.

Research and Mentoring Grants

The purpose of Utah Chapter TWS **research grants** is to assist marginally funded research projects, not add to already well-funded efforts. These funds can be used for supplies, travel, wages or publications associated with existing wildlife projects.

Utah Chapter TWS **mentoring grants** reimburse students for their time, supplies, travel and/or other expenses involved with conducting a wildlife research project. Students may either design their own project or work on a professor's ongoing research, but all students must work with a faculty mentor. Some students may approach faculty with their own ideas, while others may propose to assist wildlife research that is already ongoing. Students should initiate the mentoring relationship by asking a faculty member to advise them on a project.

Proposal Guidelines

The following information must be included in the head of the document: Proposal Title, Applicant's name and Applicant's email.

Proposal Format must follow these guidelines:

- Goal/Purpose: write a succinct statement summarizing the goal of the project.
- Importance of project: explain why this project is important. It may, for example, fill a research need, attempt to provide a practical solution to a vexing problem, or create an aesthetic work of art.
- Main Proposal Body: This section is the main body of your proposal. Include your research plans, methods and expectations for this project based on the unique skills you and your mentor possess to conduct this project. If you need to include images or symbols with your proposal, please be sure to optimize the images so the entire document is not more than 2 MB.
- Anticipated Outcome: describe any presentations, displays, publications, or other tangible outcomes you anticipate. This may be a paper, a formal presentation, a performance, an invention, or even a lecture in a public forum such as a class presentation.
- Qualifications: explain why you are qualified to pursue this project.
- Project Timetable: summarize the major milestones in your project.

Eligibility for Grants

- Must be currently enrolled as a fulltime student and a member of Utah TWS
- Must be in good academic standing.
- Must have a research project in need of financial support for research grant OR Must have faculty member who is willing to serve as a mentor for mentoring grant

Mission

SUBSCRIBE TODAY

The Journal of Wildlife Management
The Wildlife Society Bulletin
Wildlife Monographs



The Wildlife Society is committed to a world where humans and wildlife co-exist. We work to ensure that wildlife and habitats are conserved through management actions that take into careful consideration relevant scientific information. We create opportunities for this to occur by involving professional wildlife managers, disseminating wildlife science, advocating for effective wildlife policy and law, and building the active support of an informed citizenry.

Our mission is to represent and serve the professional community of scientists, managers, educators, technicians, planners, and others who work actively to study, manage, and conserve wildlife and habitats worldwide.

The members of The Wildlife Society manage, conserve, and study wildlife populations and habitats. They actively manage forests, conserve wetlands, restore endangered species, conserve wildlife on private and public lands, resolve wildlife damage and disease problems, and enhance biological diversity. TWS members are active across the United States, Canada, and Mexico, as well as internationally.

The products of The Wildlife Society include essential, practical, and objective information for wildlife professionals. We provide research, policy information, and practical tools in print and electronic forms, along with vibrant professional networks that allow solutions to wildlife conservation and management challenges to be anchored in science.

List of upcoming National Wildlife Society Conferences:

WHAT	WHERE	WHEN
20 th Annual Conference	Milwaukee, Wisconsin	October 5-9, 2013
21 st Annual Conference	Pittsburgh, Pennsylvania	October 25-30, 2014
22 nd Annual Conference	Winnipeg, Manitoba	October 17-21, 2015
23 rd Annual Conference	East	2016
24 th Annual Conference	West	2017
25 th Annual Conference	Central	2018
26 th Annual Conference	East	2019