



- The -
WILDLIFE SOCIETY
Wyoming Chapter

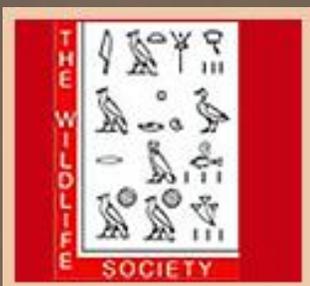


2015 Autumn Edition Newsletter

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The Wildlife Society – Wyoming Chapter 2015 Officers and Committee Chairs



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Cover: A northern harrier hawk rests with its prize near Lander. S. Harter.

Border, pp2. A tangle of upturned roots provides a cryptic background.

A FEW WORDS FROM THE PRESIDENT...

Autumn: the season of change and harvest as frosty air and snow return once more across Wyoming. As I traverse the mountainside, cruising mixed conifer/aspen stands of Cliff Creek, the spicy citrus fragrance of conifers yields to the soothing, musty aroma of decaying deciduous litter. A lone rifleshot echoing off mountain peaks in the distance announces success for someone mentoring a new hunter, taking a once-in-a-lifetime trophy, or attaining meat to see them through another year. Nearby, a muted bugle at 3pm is just enough to regroup the herd as they travel to a new location. Just as the golden leaves of aspen cling to the tree a little longer before being retired of their annual duty, a patient hunter wishes for more light on the last day, or a bull elk screams for more cows, so do I cling a little longer to the tree of our chapter and my senescing term as your president. Time enough for one more shot in the fading light or perhaps even a call to remind you of what was, is, and could be for WYTWS.

Benefits are certainly needed to support and retain members, and over the last year, WYTWS has increased benefits substantially. Because of our extremely interactive and innovative conference committee along with your support and attendance, profits were generated from our 2014 conference in Sheridan. Thanks to president-elect Matt Hayes and again to your support, we provided a GIS workshop which also generated profits. What did we do with all this money you ask? We used it to provide competitive travel grants to students AND non-students to attend the GIS workshop, Parent conference in Winnipeg, our joint conference with WLCI in Lander, and our graduate student scholarship. It has been our pleasure to offer more for both student and non-student members and finding a balance for the distribution of grants. And our renowned Fellowship Program led by Daly Edmunds had another successful year providing a unique education to Luke May and training opportunities to many WYTWS members. Thanks to Victor Villalobos' bold presentation, WY G&F Commissioner Aaron Clark's donated tag, Muley Fanatics for auctioning this, Kevin Monteith and UW for providing oversight, Therese Hartman's onsite co-chairing, and everyone who mentored Luke.

Exposure is critical to maintaining significance, and since last August, WYTWS has increased both. Our Science Committee, led by Dan Thompson, reviewed several critical documents (e.g., Memorial Bear Fund proposals, Governor Mead's proposal for WWNRT, and the Comprehensive Conservation Plan of the National Elk Refuge) and adopted a liaison position (Tony Mong) to the Conservation Affairs Network. If you have a document such as those above and are looking for an objective, 3rd party review, or a conservation management issue, contact Dan or Tony as both are eager to help. Our budding legislative affairs committee led by Ben Wise is seeking new ways to partner with the WY Sportsman's Alliance. Also, WYTWS attended and provided public comments at the Governor's Fish and Wildlife Taskforce meetings, helped promote the Aspen Days workshop in Pinedale by selling raffle tickets, helped Teton Science School draft a proposal, and continues helping WGFD finalize the big game migration seasonal range definition and policy updates.

Prestige is an honor for those who are talented, ambitious, and committed. Given the wide range of activities and events WYTWS has participated in and excelled at over not only the last year, but several years, WYTWS was awarded 2015 Chapter of the Year. This is an award never received by WYTWS in our 41 years, and I thank Martin Grenier for leading the nomination process along with Tony and everyone else's critical edits. We did it! And we'll go claim it at the Member's Meeting October 20th at 10am in Winnipeg.

Spontaneous loss is something rarely planned for, and this year WYTWS lost 2 key people. Our Nominations & Awards Chair, Anna Chalfoun, moved on to become president of the Cooper Ornithological Society, and we wish her well in her new leadership role. Anyone with good communication and writing skills as well as knowledge of Wyoming's wildlife professionals and citizens should apply.

...PRESIDENT'S MESSAGE

Also, the spontaneous, racy, comedic genius and passionate commitment to wildlife that was my friend, Ron Lockwood, passed on this year. Enjoy the ride beyond, Ron, I'll miss you.

So as we approach the joint WYTWS/WLCI conference in Lander December 1-3, I start counting the days until I hand over the President's plaque to Matt. I reflect, smile, and can honestly say I've enjoyed my term as President. This is not so much because of any promulgated control or power I have as a result of our bylaws, but because of the strengths, dedication, and self-initiative of our board and committee chairs. Thank you so much. And for those of you who've yet to be a part of our board of committees, you don't know what you're missing. There are many opportunities awaiting you to help yourselves, your Chapter, and most especially the resources you cherish.



Take a minute and make a commitment to WYTWS.

E. Maichak, WYTWS President



The Wyoming Chapter of The Wildlife Society strives to:

- ◆ *Provide an organization of wildlife management professionals from which statements affecting wildlife can be made exclusive of agency limitations.*
- ◆ *Provide for the exchange of ideas and information between wildlife workers without agency consideration.*
- ◆ *To strengthen The Wildlife Society, its objectives and goals.*
- ◆ *To promote and provide for intradisciplinary communication and training to keep abreast of modern needs and technological developments.*
- ◆ *To promote awareness of and continued improvement in wildlife management.*

WY TWS BOARD MEETINGS: AUTUMN HI-LITES



Since the spring/summer newsletter, the Board met via webinar/conference call on August 3. Below is a list of some of the topics discussed and decisions made. Board meetings are open to the membership, so participation is always welcome! For complete meeting minutes, please contact Daly Edmunds at dedmunds@audubon.org.

Daly Edmunds, WYTWS Secretary

- Past-president, Martin Grenier, announced to the Board that we were selected for Chapter of the Year for exemplary contributions to the Society's mission and goals! Our 180+ page application was submitted in March. This effort was spearheaded by Past-president Martin Grenier, with assistance from another Past-president Tony Mong and Current-president Eric Maichak. The award will be presented in Winnipeg and received on behalf of our entire chapter by our chapter leaders! Our name will be added to a permanent plaque on display at the Society's headquarters. For list of previous winners: [TWS website](#). The application process included addressing activities we've been engaged in over the past year related to these 6 TWS goals:
 - Promote professional standards for wildlife research, education, and management
 - Enhance knowledge and technical capabilities of wildlife professionals
 - Encourage and recognize professional stewardship of wildlife and promotion of TWS goals
 - Advocate use of sound biological, social, and economic information for wildlife policy decisions
 - Increase public awareness and appreciation of wildlife conservation and the wildlife profession
 - Ensure financial stability and future growth of the chapter
- Board discussed and agreed upon Bylaw changes, to then be sent to membership to vote
- Board discussed and agreed upon Strategic Plan changes that are posted on our website
- Brainstormed 2015 board candidate recruitment efforts
- Update on "Professional of the Year" and "Citizen of the Year" awards (nomination deadline is 9/30/15)
- Update on our annual conference - will be a joint conference with WLCI in Lander on December 1-3. Discussion included funding, on-line registration page, corporate sponsors, proposed workshops, hotel accommodations, and deadlines. Develop and implement a selection criteria/application process for Winnipeg Professional
- From the Science Committee, WY Game & Fish Department has accepted a revised version of TWS' Ungulate Migration Corridor definition. This will be brought to the WGF Commission in September for approval.
- From the Fellowship Committee, Luke May was this summer's Fellow. Daly Edmunds and Therese Hartman shared coordinator duties. Summer has gone smoothly with great shadowing opportunities across the state. Therese is summarizing mentors' feedback and Daly will forward final report to the board.
- Celebrating our Wildlife Conservation Heritage Program (COWCH)
 - As of this summer, it appears as though National has taken COWCH on again!
 - Andrea Orabona, current chair, is looking for someone to take on this position as she is now with CMPS
 - Updated manual will be posted on our website
 - Find an individual to compile footage. Goal is to present a final product at the annual conference

...Board Meeting Highlights

- On behalf of the Chapter, Eric Maichak has been attending the Governor's Fish and Wildlife Task Force meetings. Although we do not have an official seat, this has been very helpful to participate.
- Travel grants to Winnipeg - \$500 to go towards a professional and \$500 to go towards a graduate student.
- Support for Student Chapter to Winnipeg - \$1,000 was given to the chapter this year to use as they see fit (they often use for Conclave), no additional funding specific to Winnipeg was granted.
- Western Association of Fish and Wildlife Agencies is having their 2016 summer meeting in Cody. WY-TWS was asked to be a sponsor. Board still discussing.
- National TWS is asking WY-TWS to be a sponsor of the 2016 Early Career Professional Workshop. This year's workshop is titled "Environmental Conflict Management Workshop." It is scheduled to take place in Boulder, CO. More information is needed as to what sponsorship would entail.
- Next board meeting is scheduled for November 30, 11 am to 3 pm in Lander – ahead of our annual conference.

D. Edmunds, WYTWS Secretary



Dan Thomson,
Science Committee Chair

Science Committee Update: Swearing The Oath of Wildlife Professionalism

As you read this we will have just sauntered past the Autumnal Equinox on the lunar scale and at least in some reaches of the state one can smell and see the changes on the landscape. (I don't necessarily want to limit any discussions to only those two senses, but there's something magical about the smell of the transformations in the deciduous members of the landscape as the temperatures drop.) Wildlife have garnered many headlines throughout the state over the past several weeks and months, focusing on potential decisions coming for sage grouse (science prevailed, by the way, for now), black and grizzly bear activities, and the fairly unbalanced world of media sensationalism when it comes to wildlife management. As wildlife professionals we are held to a higher standard of ethics in our careers, and the instantaneous nature of how information is provided through our society further illuminates the importance of following the scientific method we swore an oath to; our own "Hippocratic Oath" of ethics when it comes to our devotion toward conserving and managing wildlife.

Here in Wyoming we are proud of our wildlife and open spaces, and one thing that can be counted upon is that every invested stakeholder has an active and many times colorful opinion about wild animals on the landscape. Without knowledge of the intricacies of natural systems one could easily become lost, but this is where data acquisition and scientific process transcend opinion; allowing for those in the profession to sift through the hubris and myth-addled beliefs in order to do what is necessary and justifiable for wildlife. The migration definitions provided by the Science Committee are serving as the foundation for upcoming discussions amongst a diverse array of entities relative to land management practices in relation to potential impacts to ungulates from development, and the comments provided by the Science Committee were directly addressed in the National Elk Refuge Comprehensive Conservation Planning process. Like an estivating lungfish, we continue to materialize where needed to serve as the voice for science and the integrity of the profession.

D. Thompson, Science Committee Chair



Tom Easterly Memorial Fund Awards 2 Lifetime Licenses to WY Youth

In 2014, the wildlife community lost Tom Easterly, dedicated wildlife biologist and outdoorsman. To honor Tom's memory, a memorial fund was established to purchase a lifetime game bird/small game/conservation stamp license for a youth in the Greybull-Shell area, where Tom lived and worked as the regional wildlife biologist for the Wyoming Game and Fish Department. In late May 2015, the Tom Easterly Memorial Fund was able to present two

deserving youth with these lifetime licenses – Morgan Haley and Dante Sylvester. These awards were made possible from donations from many individuals and organizations, including the Wyoming Chapter of The Wildlife Society, which was able to provide a cash donation as well as proceeds from a gun raffle at the annual meeting in Sheridan last August. The hope is to continue to provide these awards to many more deserving youth throughout the years in Tom's memory.

N. Cudworth, WYTWS Associate Editor

Story Behind the Photo: What's it Worth?

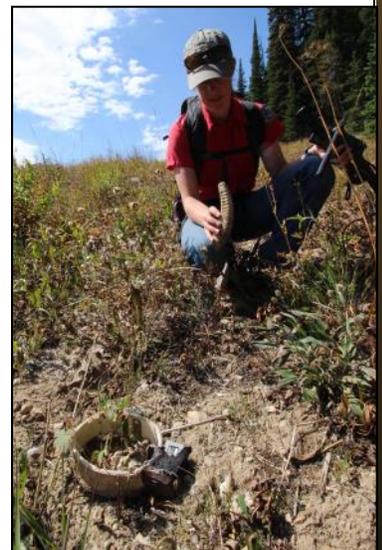
Jackson Wildlife Biologist for the WY Game and Fish Department Aly Courtemanch examines the remains of a bighorn sheep ewe as she recovers its GPS collar near the head of Granite Creek in the Gros Ventre Mountains east of Jackson. Biologists are deploying more GPS collars than

ever before and recovering the all-important location data on these GPS collars can be a more arduous task than many may think. The collar in this photo was a long 12-mile horse ride in, but Courtemanch felt quite fortunate to find the collar a mere 50 feet from the trail on flat ground. She, and many other biologists, have spent many long days trying to find collars with a "moving" VHF signal as it bounces off canyon walls only to eventually find the collar on the ledge of a vertical cliff, which in at least one case required a rappelling adventure to recover it!

Why do these dedicated biologists go to such lengths to recover these data? It's because these data are like gold in a wildlife researcher's world. Thousands of dollars have likely been spent hiring a helicopter capture crew to find target animals, shoot nets over them, hobble and haul them to biologists who will get biological samples and fit them with these GPS collars that also cost thousands of dollars and so on. No doubt, a lot of time and money has been invested for this crucial data that will show precisely where the animal (and it's cohorts) spent it's time for the past year or two. Is it worth it? Well, that's the question that must be asked, and answered, well before all the effort is invested.

In some cases, the answer is yes and the resources are expended, which of course also includes the stress on the captured animals themselves. With the advent and availability of GPS technology, we have far more data and knowledge on wild animals than ever before. Sometimes this new information has just reaffirmed what was previously thought, but in many cases it has proven to be quite eye-opening and completely changed how animals are managed or identified key pieces of habitat needing to be protected. A biologist's mind is constantly asking questions and now many of these long-standing questions are being answered. This new age of wildlife management is certainly an exciting one!

M. Gocke, WGFD I&E Specialist





Experiencing the Breadth of Wildlife Management in Wyoming: The 2015 WYTWS Fellowship Program

During the summer of 2015, I participated in a wide array wildlife-related issues beyond what I would have expected to be possible in one summer. The breadth of wildlife management careers in Wyoming is astounding. In total, I shadowed 26 wildlife professionals in their daily activities, which ranged from performing elk necropsies at the Tom Thorne/Beth Williams Wildlife Research Center at Sybille to radio-tagging bats at Devil's Tower National Monument. I was given the opportunity to shadow professionals from NGOs, State agencies, Federal agencies, and consultants. By working with this diverse set of groups, I learned how each operates in its own niche in the wildlife profession.

2015 WYTWS Fellow, Luke May, preparing to band and test a trumpeter swan cygnet for diseases while working with the Wyoming Wetlands Society.

Over the course of the summer, I was exposed to the most pressing wildlife and habitat related issues in the state of Wyoming. Wyoming is home to vast areas of undeveloped land, but this land is in constant threat of residential development and renewable and non-renewable energy expansion. Wyoming's wildlife managers must work hand-in-hand with public and industry officials to generate wildlife friendly landscapes. I had the privilege of working with some of Wyoming's finest wildlife professionals, from whom I gained a wealth of knowledge about the complexities of successful wildlife management in the state.



The Luke Lynch Memorial fence-pull crew after a day of pulling buck and rail fence on conservation easement property near Fremont Lake and Pinedale.

Luke assisting a WGFD biologist with tracking and locating a vaginal implant transmitter (VIT) from an elk in western WY. Information will help better understand elk parturition sites and brucellosis transmission risk.

...2015 Fellowship Program



Learning to tie the infamous box-hitch (left) and leading a pack-string (right) enroute to search for bighorn sheep on a horse packing trip with Jackson Game Warden, Kyle Lash, west side of the Tetons.

Because I shadowed a wide variety of wildlife professionals, I learned the challenges that each field of wildlife managers faces. These challenges can come in the form of helping the public gain a better understanding of wildlife issues, gathering funds, and navigating political red tape to accomplish wildlife management goals. I was able to converse with professionals about how to accomplish fund raising, influence public opinion, and successfully work as a team.



Luke preparing to chemically immobilize a cow elk to collect biological samples (left) and standing with the elk after coming out of sedation (right) at the Tom Thorne/Beth Williams Wildlife Research Center in Sybille Canyon northeast of Laramie.

The WYTWS Fellowship afforded me the opportunity to visualize how my college education can be applied in practice. I was heavily involved in the Student Chapter of the Wildlife Society at the University of Wyoming, and while there, learned how a society like TWS can bridge the gap between agencies and NGOs alike. During the fellowship, this unique capability of the Society was made more concrete for me. I owe a huge debt of gratitude for the generosity and knowledge I received from both the Fellowship Committee and the wildlife professionals I shadowed throughout the summer.

L. May, 2015 WYTWS Fellow



Luke is all smiles when it comes to handling wildlife, especially the Townsend's long-eared bat.

Get Ready! WYTWS Partners with WLCI at the 2015 Conference in Lander, December 1-3

As most of you are probably aware, the 2015 WYTWS/WLCI conference is just around the corner, and WYTWS is thrilled to be partnering with WLCI at the Lander Convention Center December 1-3. This year's conference agenda boasts no registration fees (except banquet) and a list of exciting educational and networking events. We're currently offering 3 workshops on applied topics with workshop leaders that includes WYTWS past-president Tony Mong, Parent Chapter past-president Tom Ryder, Muley Fanatics president Josh Coursey, and several other dynamic individuals. In addition to captivating oral and poster presentations within 6 main session themes, we're pleased to announce the addition special sessions and panel discussion on sage grouse ecology and management as well as working for and partnering with the energy industry. Furthermore, we're offering the WYTWS mentor program luncheon, a boisterous quiz bowl, a special breakfast event for current and past-presidents, and a fabulous banquet that includes a special presentation of the 2015 Chapter of the Year Award. And to help students get there, WYTWS and CMPS are offering 2, \$250 in travel scholarships!

To register and submit abstracts, we encourage everyone to check our conference website,

<http://www.wytwsconference.org>

The application for student travel grants can be found on the TWS website,

<http://www.wildlife.org>

To cast your votes for Professional of the Year and Best Newsletter Article,

<https://www.surveymonkey.com/r/C9PY3YP>

Additional questions regarding the conference can be directed to conference chairperson Matt Hayes (mhayes1@uwyo.edu). In the meantime, start planning your trip to Lander in December and get ready to support WYTWS and WLCI!

THE PRIMARY DEADLINES FOR THIS YEAR'S CONFERENCE ARE:

October 9, Abstract Submissions

October 15, Student Travel Grant Applications

November 2, Votes for Professional of the Year and Best Newsletter Article

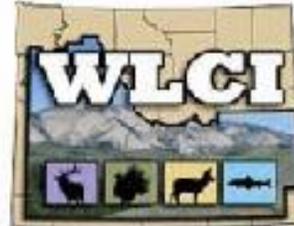
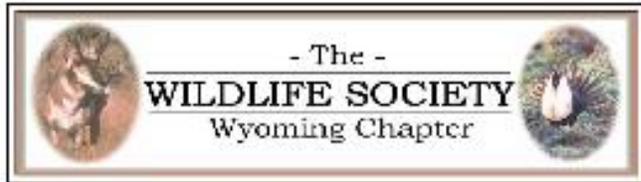
November 7, Block Room Reservations at

- Holiday Inn, 307-332-4005
- Inn at Lander, 307-332-2847
- Rodeway Inn, 307-332-3940

(group name Wyoming Wildlife Society, GSA rates apply)

The following several pages of the newsletter have the call for abstracts, workshop descriptions, Board candidate biographies, Professional of the Year Award nominations, Best Newsletter Article announcement, request for donations, and donation receipt.

All other conference info is at <http://www.wytwsconference.org> or www.wildlife.org



Call for Professional and Student Abstracts

**THE WYOMING CHAPTER of THE WILDLIFE SOCIETY
and
THE WYOMING LANDSCAPE CONSERVATION INITIATIVE**

**ARE EXCITED TO ANNOUNCE THE 2015 JOINT WYTWS-WLCI
ANNUAL CONFERENCE**

Submission Deadline: October 09, 2015

The Wildlife Society (TWS) Wyoming Chapter and the Wyoming Landscape Conservation Initiative (WLCI) will be hosting a joint conference this year at the Lander Convention Center, December 1-3. TWS and WLCI invite submission of abstracts from all state and federal personnel, non-governmental organizations, academic and any other interested parties. Excluding the banquet, registration fees for the conference are being waived this year! Keep tuned for registration as we are working on a new website for the conference.

Presentations on any pertinent aquatic/terrestrial species or habitat related issue will be considered, but submissions in the following areas are especially encouraged:

1. "New Tricks: Methods, Models, & More" – results of research explaining novel or revolutionary monitoring and modeling techniques for wildlife and habitat. Includes technological break-throughs.
2. "Mitigating Habitat Loss, Implementing Habitat Success" – results of research evaluating on- and off-site habitat management and response of vegetation and/or wildlife and aquatic species.
3. "Costs of Creature Comforts: Wildlife versus Human Development" – results of research explaining interactions of human development (e.g., oil, gas, wind) and wildlife and aquatic species.
4. "Adapting Management, Changing Policy" – results of research explaining how scientific data were used to alter terrestrial and aquatic species, wildlife or habitat management practices and/or policies directed by private entities or government agencies.
5. "Conservation and Research of Threatened Species and Species of Concern" – results of research and management of threatened, endangered, or species of concern.
6. "Foundations of science that addresses the geology, surface water resources, groundwater, and other resources that drive or dictate the distribution and development of energy resources and other drivers of change"

POSTER PRESENTATIONS can be up to 5 feet wide by 4 feet tall and will be displayed December 1st from 6:00 to 9:00pm. We strongly encourage anyone currently developing a research study plan, presenting preliminary data, or preferring to share their research in a format other than an oral presentation to present a poster.

ORAL PRESENTATIONS are tentatively 15 minutes in length, including 2-3 minutes for questions from the audience, and will be in electronic format.

An abstract is required for those submitting for either the ORAL or POSTER sessions, and submitters will be notified about the status of their abstracts by **October 20, 2015**. If an abstract submitted for oral presentation is denied, the submitter will have the option of presenting during the poster session and is required to notify the abstract submission point of contact (see below) of their interest in presenting a poster by November 01, 2014.

Please complete the attached application form and submit abstracts electronically via email attachment to:

<http://www.wytwsconference.org/abstract-submissions/>

STUDENTS, please note that there will be up to \$500 available for travel awards to help offset conference and travel costs. See our chapter website or Facebook page for forms!

ABSTRACT SUBMISSION INFORMATION

At the top of your abstract, please provide the following:

1. Name of Submitter/Author:
- 2a. Specify is Submitting as STUDENT or PROFESSIONAL:
- 2b. If student, please specify if UNDERGRAD, MASTERS or PhD:
3. Institution:
4. Mail Address:
5. Telephone/Fax Numbers:
6. Email Address:
7. Specify if Submitting for the ORAL or POSTER session:

REQUIRED ABSTRACT FORMAT: 300 word limit, 12 point font in Times New Roman, 1" margins, single-spaced, capitalize title, provide full name, affiliation, and address for all authors (using superscript numbers to link to appropriate contact info), & underline presenting author. *See example below.*

Due to volume, abstracts must follow the required format and be submitted as MS Word documents.

Sample Abstract Submission Information & Abstract : Please refer to following page.

2015 Joint WYTWS and WLCI Conference Abstract Example

1. **Submitter/Author:** Hall Sawyer
2. **STUDENT OR PROFESSIONAL:** Professional
3. **Institution:** Western Ecosystems Technology, Inc
4. **Mail Address:** 200 South 2nd St., Suite B. Laramie, WY 82071
5. **Telephone/Fax Numbers:** Phone
6. **Email Address:** hsawyer@west-inc.com
7. **Submitting for the ORAL or POSTER session:** Oral presentation submission

A FRAMEWORK FOR UNDERSTANDING SEMI-PERMEABLE BARRIER EFFECTS ON MIGRATORY UNGULATES

Hall Sawyer^{1*}, Matthew J. Kauffman², Arthur D. Middleton^{3,4}, Thomas A. Morrison³, Ryan M. Nielson¹, Teal B. Wyckoff^{3,5}

¹Western Ecosystems Technology, Inc., 200 South 2nd St., Suite B, Laramie, WY 82070, USA.

²US Geological Survey, Wyoming Cooperative Fish and Wildlife Research Unit, Department of Zoology and Physiology, University of Wyoming, Laramie, WY 82071, USA.

³Wyoming Cooperative Fish and Wildlife Research Unit, Department of Zoology and Physiology, University of Wyoming, Laramie, WY 82071, USA.

⁴Program in Ecology, University of Wyoming, Laramie, WY 82071, USA.

⁵Wyoming Geographic Information Science Center, University of Wyoming, Laramie, WY 82071, USA.

Impermeable barriers to migration can greatly constrain the set of possible routes and ranges used by migrating animals. For ungulates, however, many forms of development are semi-permeable, and making informed management decisions about their potential impacts to the persistence of migration routes is difficult because our knowledge of how semi-permeable barriers affect migratory behavior and function is limited. Here we propose a general framework to advance the understanding of barrier effects on ungulate migration by emphasizing the need to: 1) quantify potential barriers in terms that allow behavioral thresholds to be considered, 2) identify and measure behavioral responses to semi-permeable barriers, and 3) consider the functional attributes of the migratory landscape (e.g., stopovers) and how the benefits of migration might be reduced by behavioral changes. We used global position system (GPS) data collected from two subpopulations of mule deer *Odocoileus hemionus* to evaluate how different levels of gas development influenced migratory behavior, including movement rates and stopover use at the individual level, and intensity of use and width of migration route at the population level. We then characterized the functional landscape of migration routes as either stopover habitat or movement corridors, and examined how the observed behavioral changes affected the functionality of the migration route in terms of stopover use. We found migratory behavior to vary with development intensity. Our results suggest that mule deer can migrate through moderate levels of development without any noticeable effects on migratory behavior. However, in areas with more intensive development, animals often detoured from established routes, increased their rate of movement, and reduced stopover use, while the overall use and width of migration routes decreased.

2015 Conference Workshop Descriptions

Engage Non-Scientific Audiences

The purpose of this seminar is to look at the opportunities that can be exploited to engage new stakeholders in the conversation surrounding wildlife research and 21st Century conservation efforts. This segment will be facilitated by the Muley Fanatic Foundation, a 501 C (3) non-profit conservation organization that was established in 2012 by Joshua Coursey and Joey Faigl. Headquartered in Green River, Wyoming, MFF is the epitome of a grass roots effort that aims to ensure the conservation of mule deer and their habitat and to provide supporting services to further the sport of hunting and sound wildlife management.

To date MFF has put over 1 million dollars on the ground since its inception and one of the key cornerstones of MFF has been from the beginning to be a proactive proponent for obtaining the latest science available. “With a steady decline of mule deer over the last 20 years it is clear that we need to better understand the variables limiting mule deer numbers. There is no simple answer. An ever changing landscape with shrinking habitat, predators, development, drought, disease, competition and changes to migration movements are all having an impact on mule deer. It is our responsibility as a community to foster the necessary proponents to address these concerns. Collaborative efforts to bring new stakeholders to the table are critical in furthering such work,” adds Coursey.

Wyoming Chapter, The Wildlife Society - 2015 Leadership Workshop

Initiated in 2006, The Wildlife Society’s Leadership Institute (TWSLI) has become a valuable tool for training tomorrow’s generation of TWS leaders and Wyoming is proud to have 6 graduates of this prestigious training. Graduates include Nick Kaczor and Sarah Bucklin in 2009, Martin Grenier in 2010, Nicole Cudworth and Tony Mong in 2011 and Jared Merkle in 2015.

Instructors of this 4-hour workshop (Tom Ryder, Nichole Cudworth, & Tony Mong) will present a condensed version of TWSLI, divided into 4, 1- hour segments. The first segment will discuss why strong leaders are necessary in the natural resources profession and outline success characteristics of previous conservation leaders. Segment two will delve into the basic principles of leadership. Participants will then be provided with techniques to develop a vision and personal leadership goals in segment three. The workshop will conclude with a discussion of why utilizing a team leadership approach is the most successful way to accomplish goals.

Attendance will be restricted to 20 individuals and can include undergraduate and graduate students and early-career professionals (i.e., 5-7 years of experience).

Program R: a basic introduction (parts I and II)

Program R is a free software environment for statistical computing and graphics (<http://www.r-project.org/>), and R is increasingly popular among scientists across many disciplines including wildlife. R is notorious for having a steep learning curve, so we offer this 4-hour workshop (2, 2-hour sessions across two days) aimed helping those unfamiliar to slightly familiar with R gain basic skills to begin using Program R and get resources for continued learning.

Part I will provide a basic introduction to Program R, accessing R with RStudio (<http://www.rstudio.com/>), and data manipulation in R. Part II includes basic data summary, plots, statistics, and intro to resources for continued learning. Each participant must provide his/her own computer (with software-installation privileges), and instructions will be sent to participants in advance to download the free software used in the workshop. Example datasets and materials will be distributed at the workshop. Multiple instructors (Jason Carlisle, Joe Ceradini, & Embere Hall) will be on hand to assist with troubleshooting any issues that arise. We suggest attending both parts, but participants may choose to attend one day or the other.



WY TWS Committee Elections: Candidates, Visions, and Goals for the Future of WYTWS



It's almost election time for WY TWS! Positions currently open for election include President-Elect, Secretary and Board Member At-Large. Please take a few moments to read these candidates' biographical sketches and stay tuned for on-line voting information. Ballots will be tallied on in time for announcement at our annual conference in Lander. Good Luck!

President-Elect, Holly Copeland

I have worked as a conservation and spatial scientist with the Nature Conservancy in Lander, Wyoming for the past 16 years. My research has focused on a range of Western conservation issues such as understanding impacts of energy development on wildlife, mitigation planning, climate change, and wetland and riparian health. Current and recent projects include developing methods to model mule deer migration habitat and corridors and estimate benefits of sage-grouse conservation to mule deer, understanding current and future mule deer highway mortality in Wyoming, modeling the benefits of policy and conservation easements to greater sage-grouse populations, wetland condition assessments and prioritization, identifying statewide migratory bird concentration areas and wind development conflicts, and estimating the vulnerability of species and ecosystems in Wyoming to climate change and other threats. I also believe strongly in the importance and power of science communications to shape public ideas and inform decision-making. In this spirit I have become a regular contributor to TNC's science blog Cool Green Science and continually seek avenues to share science more broadly. I hold degrees in geography from the University of Wyoming and the University of California, Davis.



My experience with TWS has been as a member since 2001. Early in my career at TNC, I began attending TWS meetings and quickly learned that the meetings and the community of TWS provided a critical forum for exchanging information on Wyoming's wildlife, ecosystem, and conservation issues. Lead researchers in Wyoming's ecology and biology presented data and findings at the meetings, allowing me to garner information on key research in just a few days. Although I have not served on TWS committees, I have always greatly valued the Wyoming Chapter of TWS as a lead science organization in Wyoming. In addition to The Wildlife Society, I am also a member of the Society for Conservation Biology.

If elected, I would work to plan an excellent meeting for 2016 with high quality workshops and presentations, with a likely focus on a landscape perspective, given my background. I am especially interested in the use of new remote sensing tools and modeling techniques to better understanding the challenges that wildlife face as they migrate through and inhabit various ecosystems. I am also interested in the interconnections between the arts and sciences and would be excited to introduce a workshop aimed at fostering collaborations between artists and scientists. Of course, in final decision-making, I would listen thoughtfully to the needs and interests of the membership and board.

I would be honored to serve in the role as President of TWS Wyoming and look forward to working with TWS members and board. If elected, I promise to apply my deep appreciation for scientists working in Wyoming and my passion for understanding, conserving and communicating about Wyoming's wildlife and ecosystems to ensuring that TWS continues its tradition as a trusted and respected leading wildlife society in Wyoming.

...WYTWS Candidates

Secretary, Daly Edmunds



Daly Edmunds received her B.S. in Wildlife Management from Virginia Tech in 2000. Prior to coming to Wyoming in 2002, she worked on a variety of field projects across the country, including with black bears, grey wolves, island foxes, ruffed grouse, and small mammals. Under the guidance of Dr. Fred Lindzey, she completed her M.S. through the COOP program at the University of Wyoming in 2005, examining the response of pronghorn to roads and fences in southwestern Wyoming. In Wyoming, she's worked for the Wyoming Game and Fish Department and the National Wildlife Federation/Wyoming Wildlife Federation. Daly has been with Audubon Rockies (formerly Audubon Wyoming) since 2009, where she works

to protect and improve critical avian habitats and ecosystems through integration of science into sound policy decisions, most often energy-related. In this capacity, she works in both Wyoming and Colorado - engaging with members of the public, state and federal agencies, other conservation groups, and industry. Daly has served as the Fellowship Committee chairperson since this program's inception in 2012, providing an amazing experience for upper level undergraduates/recent graduates to interact with WY-TWS members across the state and become better informed of the complexities of wildlife management in Wyoming. She has served as the current WY-TWS Secretary for the past two years.

Board Member At-Large, to be Announced

People's Choice: Get Ready to Vote for the 2015 Best Newsletter Article Award!

In the grind to complete daily tasks and stay afloat or let alone get ahead in the wildlife business, writing in a creative sense is something that is sometimes unnoticed or even considered totally unimportant. Creative writing in the wildlife arena is often philosophical and beautiful, can spawn ideas that we might not generate under normal circumstances, and occasionally is used to enhance forms of technical writing. This year, the Communications Committee is pleased to announce that the 2015 Best Newsletter Article Award will be judged not by us, but by YOU, the membership. Below are the criteria to help you decide your top pick:

1. The article or work was published in any of the 2014 WYTWS Newsletters (Winter or Spring/Summer)
2. The article or work was written by a WYTWS member in good standing
3. The article or work displays excellent readability and flow; it is enjoyable to read and captivating
4. The article or work employs appropriate and creative use of grammar and punctuation
5. The article or work is relevant to current wildlife and/or habitat issues in Wyoming
6. The article or work displays literary seriousness or humor; it makes you laugh, think, or affects your mood
7. The article or work displays a unique or possibly innovative writing style

Please take a few moments to review newsletters from October 2014 to October 2015, pick, and vote at:

The Wyoming Chapter of The Wildlife Society
2015 Professional of the Year Award Nomination for
Dr. Kevin L. Monteith

Dr. Kevin L. Monteith distinguished himself by consistently exhibiting outstanding and professional leadership in the administration of his duties as an Associate Research Professor at the Wyoming Cooperative Fish and Wildlife Unit at the University of Wyoming. Kevin's keen interest and passion for the wildlife resources, his collegial and professional relationship with his colleagues and his loyalty and commitment to his students, friends and most all his family is unparalleled. For these reasons Kevin is deserving of recognition for the 2015 TWS Professional of the Year Award.

Kevin's early years and more recent resume are impressive. Born and raised in Bristol, South Dakota, Kevin was fortunate to fritter away his youth hunting waterfowl, pheasants, and deer, as well as finessing hunker walleye and northern pike with rod and reel from the lakes of north eastern South Dakota. Always the avid hunter and angler, it is a form of recreation that Kevin still executes with unbridled enthusiasm and resounding success. After graduating from high school in Bristol, Kevin matriculated to South Dakota State University (SDSU) where he earned a Bachelor's Degree with Highest Honors and a Masters Degree in Wildlife and Fisheries Sciences. It is at SDSU where Kevin focused his passion, honed his research skills, and developed his professional interest in mule and white-tailed deer. Not long after graduating from SDSU, Kevin was handpicked to begin his doctoral research on one of the California's most important and perhaps controversial deer herds in the Sierra Nevada Range – the Round Valley herd. We can acknowledge that Kevin's association with important and sometimes controversial deer herds in Wyoming such as the Wyoming Range and South Rock Springs herds is fast becoming legend and essential in understanding the ecological processes of mule deer. His first, and only, postdoctoral research fellowship was at Wyoming Cooperative Fish and Wildlife Research Unit (Coop Unit), and it can only be described as a Delicate Truth that Kevin's arrival and subsequent big game research in Wyoming, will forever evoke a positive change in the way the people of Wyoming think about and understand big game nutritional ecology and management.

Kevin's many accomplishments encompass professional publications in peer reviewed journals, academic awards, and scholarships are formidable. These accomplishments are a testament to his fluent mind. Kevin's many accomplishments are unmatched, and have enabled the Coop Unit and University of Wyoming to excel, and by some accounts, establish the discussion relative to animal movement and nutritional ecology in North America. All of this effort has, and will continue to contribute to the wealth of scientific literature. Undoubtedly, these accomplishments will benefit future generations of wildlife ecologists, scientists, students, and anyone who cares about wild animals and wild places.

Kevin excels at the delicate and essential art of collaboration and cooperation with others. His successful efforts to establish working relationships and partnerships with landowners, agency personnel, sportsmen and conservation groups can only be described as an inspiration. His effort

to bring people together for a common cause is evidenced in the Wyoming Range and South Rock Springs mule deer research projects.

Kevin is the standard bearer when the discussion focuses on the science of wild ungulate, and specifically mule deer nutritional ecology in Wyoming, and throughout the Intermountain West. Under his leadership and guidance no less than 20 big game herds in Wyoming have been sampled to better understand how wildlife populations interact and respond to their environment. Rarely has such intensive data collection efforts that focus on animal nutrition been witnessed elsewhere in North America.

Kevin is the spearhead and mastermind behind the Wyoming Range Mule Deer Project – the largest and most comprehensive mule deer research project ever undertaken in Wyoming in what may be, arguably, the premier mule deer herd in North America. In fact, the Wyoming Range Mule Deer Project may be considered his most magnificent work in his short and substantial career. This research has garnered statewide and national media attention since it was initiated in 2013. Never before has the state wildlife agency in Wyoming attempted to disentangle the complex interactions between mule deer, humans, habitat and predators. Moreover, because of the work that Kevin is spearheading, the Wyoming Range mule deer herd will be the first mule deer herd in Wyoming to incorporate predation of newborn fawns, habitat conditions, and nutritional status of adult mule deer to develop the first ever review of a mule deer population objective based on Nutritional Carrying Capacity which is the nutritional status of a population in relation to its population performance. This effort is unprecedented.

Kevin Monteith is an exceptionally convincing blend of a scientist, a manager, a mentor, and a teacher. His scholarly output is impressive, having published 15 papers in the past two years in such high-impact journals as *Journal of Wildlife Management*, *Wildlife Monographs*, and *Journal of Animal Ecology*. In a very short amount of time, Dr. Monteith has established himself at the very top of the list of large-mammal ecologists in North America. Particularly impactful are his contributions to wildlife nutrition, a burgeoning field of study for which Dr. Monteith and his colleagues have pioneered methods and made ground-breaking discoveries.

Notably, Dr. Monteith views research not as an end to itself, but a mechanism by which to steer management action by grounding it in the best science possible. This is evident through the excellent rapport he has created and maintained with the Wyoming Game and Fish Department, the Bureau of Land Management, and various non-government organizations and foundations (in particular the Muley Fanatics Foundation).

Dr. Monteith is a superb teacher. Consistently, his teaching evaluations rank among the highest in the Department of Zoology & Physiology at the University of Wyoming. But he is no pushover, and continually challenges his graduate and undergraduate students to speak, write, and think like the young professionals that they are. His ability to hold students to the highest of bars while remaining well-liked is as admirable as it is rare.

Kevin Monteith is uniformly held in high regard by all who have had the pleasure of knowing him, be state biologists, students in his sophomore-level fish and wildlife course, his graduate advisees, or his faculty colleagues. Moreover, it is a rarity that one person has accomplished so much for the benefit of so many in so short a period of time. Dr. Monteith is an individual of the

highest caliber and reflects great credit to the State, University of Wyoming, and, more importantly, to himself. We truly are fortunate to have him among our ranks, and we are honored, for these reasons, to nominate Dr. Kevin Monteith for Wyoming Chapter of The Wildlife Society's Professional of the Year Award.

Respectfully Submitted by:

Wyoming Game and Fish Department
Gary Fralick; Scott Smith; Jill Randall; Mark Gocke; Gary Fralick

University of Wyoming
Dr. Jacob Goheen; Dr. Jessica Clement; Dr. Matt Kauffman

Bureau of Land Management
Rusty Kaiser

Muley Fanatic Foundation
Josh Coursey and Joey Faigl

Knoblock Family Foundation
Steve Sharkey



Wyoming Chapter of The Wildlife Society – Professional of the Year, 2015

Nominee: Jeffrey L. Beck

Award: Professional of the Year

Address: Department of Ecosystem Science and Management, College of Agriculture and Natural Resources, University of Wyoming, , Laramie, Wyoming 82071

Present Position: Associate Professor, Wildlife Habitat Restoration Ecology, University of Wyoming

Academic Background: Ph.D., Forestry, Wildlife and Range Sciences, University of Idaho, 2003
M.S., Wildlife and Range Resources, Brigham Young University, 1996
B.S., Wildlife and Range Resources, Brigham Young University, 1993

Professional Background:

PROFESSIONAL EXPERIENCE

2013–present	Associate Professor	Wildlife Habitat Restoration Ecologist	University of Wyoming
2007–2013	Assistant Professor	Wildlife Habitat Restoration Ecologist	University of Wyoming
2006–2007	Postdoc Scientist	Habitat Modeling Analyst	University of Wyoming
2005–2006	Avian Scientist	Sagebrush Steppe Wildlife	Colorado Division of Wildlife
2005	Postdoctoral Res. Associate	Forest Wildlife Monitoring	University of Wyoming
2004–2005	Postdoc Scientist	Upland Game Ecology	University of Idaho
1996–1997	Wildlife Biologist II	Lands (Habitat)	Utah Division of Wildlife Resources

Submitted By: Frank Blomquist, BLM, Rawlins Field Office and Mary Read, BLM, Rawlins Field Office

Dr. Beck has contributed greatly in the conservation arena with a diversity of research and practical science analysis that are applicable to a diversity of land management practices. In addition, he has contributed to teaching students the process of wildlife and habitat research and analysis and how this research can be applied to the practical world. In doing so, he shared this knowledge and experiences to others through numerous journals and peer reviewed documents, including *Ecological Applications*, *Rangelands*, *Wildlife Biology*, *The Condor: Ornithological Applications*, *Wildlife Society Bulletin*, *Wildlife Monographs*, *Rangeland Ecology and Management*, *PLoS One*, *Canadian Journal of Zoology*, *Journal of Rangeland Applications*, *Journal of Wildlife Management*, *Environmental Management*, *Ecosphere*, *Western North American Naturalist*, *The Wildlife Professional*, *The Auk*, *Professional Animal Scientist*, *Biological Conservation*, *Environmental Monitoring and Assessment*, *Restoration Ecology*, *Northwest Science*, and the *Journal of Range Management*.

Dr. Beck and his graduate students have researched Greater Sage-Grouse and associated habitat types for numerous years. These studies have analyzed not only the unique behavior of these

birds, but also a diversity of habitat features for which these birds depend upon. These studies have contributed greatly to a better understating of this important bird in the sagebrush sea. These studies have improved conservation planning in energy development and have included topics such as identifying greater sage-grouse source and sink habitats, short-term impacts of wind energy development on greater sage-grouse fitness, and elk seasonal resource selection and distributional response to development of a natural gas field.

In addition, some of these studies focused on rangeland management and vegetation treatments including effects of sagebrush habitat conversion to grasslands and its impacts on sagebrush-associated species; forb, insect and soil response to vegetation treatments such as burning and mowing of Wyoming big sagebrush and its impact on greater sage-grouse breeding habitat and the consequences of treating Wyoming big sagebrush to enhance wildlife habitats. Rangeland management studies include looking at the effect of cattle and sheep grazing on stocking rate and botanical composition of sub-irrigated pasture; livestock grazing impacts and opportunities on sage-grouse habitat; and Diet composition, forage selection, and potential for forage competition among elk, deer, and livestock on aspen-sagebrush summer range.

Dr. Beck's research covers a whole host of wildlife species and components of their life cycle and habitat requirements. Attached is a list of his research papers demonstrating the wide range contributions he has made over the years to the field of wildlife management. Currently, he has one the largest pronghorn studies on going in Wyoming.

As a result of his work he has contributed greatly to current ongoing research in the field of wildlife management. He also provides an outstanding opportunity for many students to learn the process of wildlife and habitat research. A key component of his teaching ability demonstrates to his students how their research can be applied to the practical world which is integral in becoming the next generation of wildlife biologists.

Dr. Becks list of research papers:

- Effects of conversion from sagebrush to grasslands on sagebrush-associated species.
- Linking conservation actions to demography: grass height explains variation in greater sage-grouse nest survival.
- Effects of avian predators and anthropogenic and landscape features on greater sage-grouse (*Centrocercus urophasianus*) use of sagebrush habitat
- Habitat prioritization across large landscapes, multiple seasons, and novel areas: an example using greater sage-grouse in Wyoming.
- Spatial heterogeneity in response of male greater sage-grouse lek attendance to energy development.
- Assessing greater sage-grouse breeding habitat with aerial and ground imagery.
- Greater sage-grouse hen survival: effects of raptors, anthropogenic and landscape features, and hen behavior
- Livestock grazing and sage-grouse habitat: impacts and opportunities
- Forb, insect, and soil response to burning and mowing Wyoming big sagebrush in greater sage-grouse breeding habitat
- Prioritizing winter habitat quality for greater sage-grouse in an energy-disturbed landscape
- seasonal habitat selection by elk in north central Utah
- Greater sage-grouse in Wyoming: an umbrella species for sagebrush dependent wildlife
- Greater sage-grouse (*Centrocercus urophasianus*) select nest-sites and brood-sites away from avian predators.
- Disturbance factors influencing greater sage-grouse lek abandonment in north-central Wyoming.
- Interseasonal movements of greater sage-grouse, migratory behavior, and an assessment of the core regions concept in Wyoming
- Microhabitat selection for nesting and brood-rearing by the greater sage-grouse in xeric big sagebrush
- Burning and mowing Wyoming big sagebrush: do treated sites meet minimum guidelines for greater sage-grouse breeding habitats
- Comparing ecological site descriptions to habitat characteristics influencing greater sage-grouse nest site occurrence and success
- Recovery of greater sage-grouse habitat features in Wyoming big sagebrush following prescribed fire.
- Movements and survival of juvenile greater sage-grouse in southeastern Idaho.
- Changes in the distribution and status of sage-grouse in Utah.
- Influences of livestock grazing on sage grouse habitat.

Bighorn sheep:

- Post-release acclimation of translocated low-elevation, non-migratory bighorn sheep

Elk:

- Seasonal resource selection and distributional response by elk to development of a natural gas field
- Estimates of elk summer range nutritional carrying capacity constrained by probabilities of habitat selection.
- Great Basin summer range forage quality: do plant nutrients meet elk requirements?
- Diet composition, forage selection, and potential for forage competition among elk, deer, and livestock on aspen-sagebrush summer range-

-Herbage productivity and ungulate use of northeastern Nevada mountain meadows

Northern goshawk:

- Estimating occupancy to monitor northern goshawk in the central Rocky Mountains

Beaver:

- Design to monitor trend in abundance and presence of American beaver (*Castor canadensis*) at the national forest scale.

Mountain quail:

-Nest and brood site characteristics of mountain quail in west-central Idaho

- Simultaneous multiple clutches and female breeding success in mountain quail

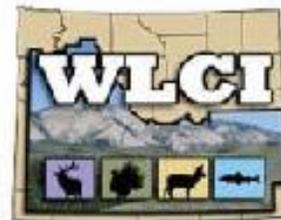
Habitat

- Consequences of treating Wyoming big sagebrush to enhance wildlife habitats.

- Case study: effect of cattle and sheep grazing on stocking rate and botanical composition of subirrigated pasture

- Saving the sagebrush sea: an ecosystem conservation plan for big sagebrush plant communities.





Dear :

The Wyoming Chapter of The Wildlife Society (WYTWS) is a non-profit organization with the primary goals of promoting unbiased exchange of ideas and information among wildlife professionals through intra-disciplinary communication and training, ultimately to facilitate continued awareness, improvement, and strength in wildlife management, science, and TWS in Wyoming and beyond.

This year The Wyoming Chapter of The Wildlife Society will partner with The Wyoming Landscape Conservation Initiative as we host the WYTWS/WLCI 2015 Conference December 1-3, 2015 at the Lander Convention Center in Lander, Wyoming. The agenda includes professional/student oral presentations, poster presentations, three in-depth workshops, student/professional mixer and quiz bowl, a Presidents breakfast, banquet, raffle and silent/live auction.

WYTWS is supported through membership dues and donations from folks like you. We kindly ask for your support by contributing to our 2015 conference. We are seeking items for raffle or auction or money to sponsor the student/professional mixer, keynote speaker, or musician. In return for your donation, we are pleased to offer recognition in the meeting program and label on your donated item or banner advertising your services. All donations are tax deductible.

To help you determine your preferred level of donation/sponsorship please review the following table:

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Please complete the attached donation receipt and return to Therese Hartman, P.O. Box 850, Pinedale, WY 82941. Thank you in advance. This event could not be possible without your help, and we welcome you to attend our 2015 conference. Please visit our WYTWS website at <http://wytwsconference.org/>

Sincerely,

Matt Hayes

Matt Hayes, WYTWS President-Elect



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The Wildlife Society, Inc. is designated a non-profit corporation under 501(c)(3) of the Internal Revenue Service Code. The IRS has determined that its subordinate units are also designated non-profit under a group exemption.

The Wyoming Chapter of The Wildlife Society (EIN 23-7380606) is a subordinate unit, and is included in the group exemption. As such, your donation may be tax deductible. Please consult your tax advisor for additional information.

Thank you for your generous donation to the Wyoming Chapter of the Wildlife Society.

Sincerely,

/s/ Therese Hartman

Therese Hartman,
Treasurer, WYTWS
PO Box 850
Pinedale, Wyoming 82941
(307) 367-5364

WY TWS Membership Form

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Membership Renewal

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I wish to receive the newsletter via E-MAIL or at the physical address listed above

**If you would like to receive your newsletter other than via e-mail or the web page,
please let Therese know.**

**Existing WY TWS members can log in and pay dues
on-line! Check out the WYTWS website at
<http://wildlife.org/Wyoming/>**

**If you are not an existing WY TWS member and pay dues on-line,
Please also complete and send this form to Therese Hartman**

Therese Hartman P.O. Box 850 Pinedale, WY 82941

Email: Therese.Hartman@wyo.gov

Fax: 307-367-4403

Please support your WY-TWS Chapter by paying your membership dues!

Note from the Editor....

A hazy sky filled with smoke filters the sun, providing a magnificent red backdrop for the evening. Closer in the distance, the mountains stand tall, broad, and jagged. From nearly any perspective, it is majestic, alluring, daunting, perhaps even intimidating. In this complex and yet simple environment, plants and wildlife that find purchase despite the synergy of slope and gravity embrace this refuge of solitude and peace. And for those of us who can merge resources and teamwork, we too can find a place atop the summit for a while.

No matter where you find yourself this autumn, whether at the sun-drenched peak or shadowed valley, take a moment to capture the moment in pen or picture. Your words and images are more than work or even magic: they're inspiration to us all.

E. Maichak

More formally and specifically, we accept appropriate articles and information related to wildlife management and conservation activities in Wyoming from our board, members, governmental agencies, and non-profit organizations.

Articles, photos, and other submissions can be sent to:

Eric Maichak
Eric.Maichak@wyo.gov

Nichole Cudworth
Ncudwo@gmail.com

Ian Abernethy
Fisher@uwyo.edu

Mark Gocke

Newsletter deadlines for 2015:

February 15 (Winter Edition)

May 15 (Spring/Summer Edition)

September 15 (Autumn Edition)

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