

## Canadian Section of The Wildlife Society

# Newsletter

*"The mission of the Canadian Section of The Wildlife Society is to foster excellence in wildlife stewardship through science and education among wildlife professionals in Canada"*

January 2013

Vol. 6, No. 1

### PRESIDENT'S MESSAGE

*Kathreen Ruckstuhl, CSTWS President,  
Associate Professor, University of Calgary,  
Biological Sciences, Calgary, Alberta*



Dear CSTWS members,

My term as president of the Canadian Section comes to an end at the AGM in March this year. I would like to thank you for electing me and for your continued and strong support for the Canadian Section. We have grown considerably in numbers of chapters, Chapter and Section members Canada-wide. Our yearly Section meetings have grown bigger too and the Canmore meeting this year will include a student conclave, the second ever in Canada. The meeting is co-organized by the Alberta Chapter and the Canadian Section of TWS and will be held in Canmore, March 8-10, 2013 (for details see below). We received more abstracts for oral presentations than we can accommodate within the time of the meeting, which speaks to the interest generated by the joint meeting, and the growing interest and importance of these meetings to Canadian wildlifers. The next few weeks before the meeting will see a flurry of activities. Many people have been working very hard to make this an exciting gathering and I am very much looking forward to it. Canmore is adjacent to Banff National Park, and boast still healthy populations of wildlife-but also has its own challenges

with ever encroaching development threatening to take over already fragmented habitats for resident wildlife such as elk, bighorn sheep, grizzly bears, cougars, to just name a few charismatic species.

I would like to encourage you to join us at the joint meeting in Canmore and to explore this jewel in the Rockies further. I am looking forward to welcoming you all at our meeting. Till then, smooth sailing!

### CANADIAN SECTION REPRESENTATIVE'S REPORT



**Art Rodgers, Ontario Ministry of Natural Resources  
([art.rodgers@ontario.ca](mailto:art.rodgers@ontario.ca))**

Probably the most significant event over the last couple of months was the announcement by TWS President Wini Kessler that Dr. Ken Williams has accepted the position of TWS Executive Director. Dr. Williams will begin his duties as TWS Executive Director on March 4. He has had a long-term association with TWS and more than 30 years experience in the wildlife profession. He has held numerous positions and has had a far-reaching influence through his various national leadership roles. Most recently, since 1997, he was Chief of the Cooperative Research Units Program, now a part of the U.S. Geological

Survey (USGS). Dr. Williams is widely published in areas such as adaptive management, biological modeling, vertebrate mapping, waterfowl management, habitat conservation, population monitoring, and dynamic optimization in natural resources management. To learn more about his outstanding career, visit the TWS website (<http://www.wildlife.org/>). TWS Council is very pleased to welcome Dr. Williams as our new Executive Director and we look forward to working with him to energize and excite wildlife professionals across the continent.

As I reported in the last newsletter, a lot of progress has been made by various TWS Council sub-committees. Negotiations are underway to finalize arrangements with new Editors-in-Chief of both the *Wildlife Society Bulletin* and the *Journal of Wildlife Management*. The new EICs are expected to be in place by mid- to late-2013. The *ad hoc* Committee on Deer Breeding has held a couple of conference calls and is currently compiling a list of issues related to the matter and how TWS might respond, as well as developing a “pool” of professionals to support the work of the *ad hoc* Committee. I have heard from a couple of Canadians willing to provide their expertise but if you have an interest in this issue and think you might be able to contribute, I would greatly appreciate hearing from you. The Bylaws Subcommittee has been looking at changes to the TWS Bylaws to migrate towards a completely electronic voting system over the next few years. The Membership *ad hoc* Committee has also held a couple of conference calls. This committee has mainly discussed the implications of changing demographics in TWS for member services and benefits with particular attention to the increased representation of women and members with young families, students and ethnic and cultural diversity. Lastly, the *ad hoc* Committee to Increase Impact of Government Affairs Activities has begun discussions on how to measure the impact of TWS Government Affairs Activities and how to ensure these activities are most effective. Clearly, there is a great deal going on!

Over the next few of months, several TWS Awards Committees will be making their annual selections. As I indicated in my last report, I’m sure we can find Canadian nominees for the Fellows Program, TWS Wildlife Publication Awards, Chapter and Student Chapter of the Year Awards, Student Chapter Advisor of the Year Award, Excellence in Wildlife Education Award and the Group Achievement Award. Nominations for these awards may be submitted to TWS by individual members, Sections, Chapters or Working Groups. And don’t forget the newest TWS Distinguished Service Award that will be selected by the Canadian Section. If you would like to suggest a nominee for these or other TWS awards, or you would like assistance in preparing a nomination, please contact the

Chair of the Canadian Section Awards Committee Mike Gillingham ([michael@unbc.ca](mailto:michael@unbc.ca)). Many of the Awards have a **February 15, 2013** deadline but some are not due until **March 15, 2013**, so don’t hesitate to get working on your nominations and let’s make sure our Canadian colleagues get the recognition they deserve! See the list and nomination details at <http://www.wildlife.org/who-we-are/awards>.

It is also not too late to make plans to attend our Canadian Section AGM in Canmore, Alberta, 8-10 March 2013. This will be a joint meeting with the Alberta Chapter and will feature a plenary session on “Citizen Science: Can it lead to more with less in today’s economy?” The organizers have gone all out to create and plan an amazing array of activities that I’m sure will offer something of interest to everyone. The early registration deadline is **February 1**, so do it now! For more details see the Canadian Section or Alberta Chapter websites: <http://joomla.wildlife.org/Canada/> or <http://joomla.wildlife.org/alberta/>. Hope to see you there!

Lastly, I would like to bid a fond farewell to Shannon Pederson. Shannon has been the TWS Subunits and Certification Program Manager for the last 6 years. Shannon was instrumental in helping us set up and organize our new Canadian Section and anyone who has had the joy of working with her as they have established new Chapters knows how professional, knowledgeable and helpful she has been. Personally, I have rarely come across anyone as energetic and dynamic as Shannon has been in her position at TWS headquarters – I think she will be sorely missed. Perhaps it has been all of her interaction with students throughout the US and Canada that led her to enter the Ph.D. program at the University of Maryland where she plans to build on her Master’s thesis work on the ecology of urban coyotes. We certainly look forward to seeing her at future TWS meetings and conferences. On behalf of the Canadian Section of TWS, many thanks and all the best as you open a new chapter in your life Shannon!

## CANADIAN SECTION NEWS & ANNOUNCEMENTS



## 2013 JOINT MEETING OF THE ALBERTA CHAPTER & CANADIAN SECTION OF THE WILDLIFE SOCIETY

8-10 March 2013  
Canmore, Alberta, Canada

*Wildlife Professionals and Students Welcome!*

### Meeting Schedule

Friday, 8 March 2013  
Public Speaking Workshop  
Student Conclave  
Second Canadian Quiz Bowl

Saturday, 9 March 2013  
Plenary Session & Open Papers  
Awards Banquet & Auction  
Soiree of Dancing

Sunday, 10 March 2013  
Business Meetings  
Open Paper Sessions  
Student Awards

**Location:** Radisson Hotel and Conference Center, Canmore, AB. Reserve rooms at reduced rate (\$129) until **6 February 2013**. See websites for details and promotion code.

**Registration:** Take advantage of early-bird and pre-registration discounts by completing and returning the registration form with full payment (in Canadian funds only) by **1 February 2013 (Early Bird) or February 22, 2013 (Late-Registration)**. Pre-registration is encouraged to guarantee a Saturday night banquet ticket.

**Open paper session oral and poster presentations:** Presenters of accepted talks and posters have been notified and provided with presentation guidelines. Powerpoint presentations only are being accepted and should be sent to Jason Fisher ([jason.fisher@albertainnovates.ca](mailto:jason.fisher@albertainnovates.ca)) no later than Friday, 1 March 2013. Name the file by date-month-year and first author's last name as on the submitted abstract: 9March2013\_Fisher. Receipt will be acknowledged.

**Pre-conference workshop:** *Talking to People- The art and science of making presentations effective, memorable and enjoyable* by the award-winning Loren Fitch. See details below.

**Photo contest:** Submit your outstanding wildlife photos to our contest and win \$50. See website for submission guidelines.

**Auction items needed!!** Please do not forget to make donations to our auction and support or student scholarships and travel awards. See below for more information.

**Corporate Donations for Conference Support:** If you or your employer can make a financial donation this year, please make cheques payable to Alberta Chapter, The Wildlife Society and mail to ACTWS, Box 4990, Edmonton, Alberta, Canada T6E 5G8. Donations received before 22 February 2013 will be recognized in the printed conference materials, conference website, and at the awards banquet.

## SCHEDULE OF EVENTS

### FRIDAY, 8 MARCH 2013

**Public speaking workshop:** *Talking to People: making presentations effective, memorable and enjoyable.* Ever been in front of a group and wish you were not? Come get tips from the renowned Albertan laureate Lorne Fitch in a 1-day workshop - improve your public speaking skills and learn to enjoy those once frightening events!! Enrollment is limited, so sign-up early. For more details see the conference website.

**Student Conclave:** University of Alberta Student Chapter of The Wildlife Society is hosting the Second Annual Student Conclave. A range of training workshops are planned, as well as social networking opportunities. For more information see the conference website.

**Second Annual Canadian Section Student Quiz Bowl.** Starting at 7pm student groups will challenge each other to become the 2013 Quiz Bowl winners, and be pitted against a select team of professionals for a last fun-round. For more information, contact Marci Trana ([marcitrana@gmail.com](mailto:marcitrana@gmail.com)).

### SATURDAY, 9 MARCH 2013

#### PLENNARY SESSION & PANEL DISCUSSION: Citizen Science:

*Citizen Science: can it lead to more with less in today's economy?*

*Bill Hunt, Parks Canada*

*Starting up a citizens' group for science: Alpine pika and climate change*

*Jessie Whittington, Parks Canada*

*A student's perspective on citizen science: the benefits of a long-term beaver survey.*

*Glynnis Hood, Morgyn Ramsay & Nick Yarmey, University Alberta- Augustana*

*Wolves and volunteers in Wisconsin: long-term tracking is leading us where?*

*Jane Wiederhoeft, WI Dept. Natural Resources*

*Moving into the digital age: A moose App for citizen science with hunters*

*Mark Boyce, University of Alberta*

*Developing better analytical metrics for data collected by citizen scientists.*

*Gregory Breed, Harvard University*

...and more

**Papers and Posters:** Work on wildlife management, research, monitoring, and new techniques, are always of interest. Open paper sessions will run Saturday afternoon to noon of Sunday. A \$100 prize will be awarded to the best graduate and undergraduate student (oral) paper. The poster session will be on March 9 and a \$100 prize also will be awarded to the best graduate and undergraduate student poster. See the *Call for Papers and Posters and abstract submission guidelines below.*

#### **Evening Awards Banquet, Speaker, Auction & Dancing**

A short Banquet talk will be given by Dr. Wini Kessler, President of The Wildlife Society on *Canadians in The Wildlife Society: Challenges and Opportunities.* The silent and live auction fundraiser is always a highlight. Proceeds go entirely to support TWS students. Large- and small-ticket items, custom-made goods, and new purchases or used items will all be gratefully

appreciated. For more information see the conference website or contact: Hugh Wollis: [Hugh.Wollis@gov.ab.ca](mailto:Hugh.Wollis@gov.ab.ca) or Lisa Wilkinson: [Lisa.Wilkinson@gov.ab.ca](mailto:Lisa.Wilkinson@gov.ab.ca).

Also come and enjoy the tunes of *High Point Bluegrass Band* (starring the infamous Lee Foote). During the evening there will be an open microphone and jam session so bring your instruments and join in on the fun!

### **SUNDAY, 10 MARCH 2013**

Rise early to attend the **Canadian Session business meeting** at 8:30 am. **Open paper sessions** continue at 10 am. Presentations to the winners of the *Best Student Paper* and *Poster Awards* and *Photo Contest* winners announced at end of final session. The **Alberta Chapter business meeting** starts at 1:30 pm.

## **Auction**

The annual Wildlife Society auction will be held yet again this year. All funds raised go towards scholarships for undergraduate and graduate student members of the Society. We seek the assistance of Society members to solicit donations, consider making a donation and to attend the auction and spur their friends on to purchase some of these excellent items. As you know we have had some excellent handcrafted items made and donated by society members. However do not let that intimidate you in thinking of a donation. Be creative – we had a person donate a bed and breakfast with a bird watching walk; gently used books; a bird watching trip to your secret spot; a gourmet meal prepared just like Grandma made; tickets for Oilers, ballet, etc.; a piece of field equipment in good repair that you no longer need. Soliciting items or encouraging your company, prof, father or local wildlife oriented business to donate an appropriate is heartily encouraged.



*Live Auction*



**Please contact one of the following people if you would like to donate:**

Hugh Wollis: [Hugh.Wollis@gov.ab.ca](mailto:Hugh.Wollis@gov.ab.ca)

*Last minute items will be graciously received as well.*



## CANADIAN SECTION-ALBERTA CHAPTER WORKSHOP

### *Talking to People- The art and science of making presentations effective, memorable and enjoyable.*

Advocating for wildlife often means needing to speak in public, but despite their passion to conserving wildlife conservation, many folks avoid public speaking due to the stress. *BUT it does not have to be stressful!* If you understand the reasons for public speaking stress, and if you keep just a few guiding principles in mind, speaking in public will soon become an energizing and satisfying experience. This 1-day workshop (~7 hrs) is tailored for people in natural resource management occupations who interact with the agricultural community, conservation groups and with other resource professionals. It is designed for individuals already engaged in extension, awareness or education activities, those who need to communicate more effectively, and those who wish to become more comfortable in presentation venues. Participants will leave the workshop with an expanded skill set to deliver presentations. Limited space: Sign-up on ACTWS website.

**Cost:** \$125 and includes course materials and 2 coffee breaks.

#### Topics covered include:

- The purpose and value of presentations, types- all presentations are not equal
- Presentation anatomy - The parts of the presentation body
- Before the presentation - Negotiating your way through an invitation to speak
- Think about the end as you begin - What do you want them to remember?
- After the end, there is a beginning - Listening starts with a good opening
- Humor- Presentation grease and glue
- Things that begin and end have a middle - Substance without overwhelming them
- Your voice and the rest of you - Impressions aid communication
- The finale -bring them home, prompters - speaker crutches, the set up - Calming yourself
- Questions - Opportunity to expand
- What to avoid? Holes on the presentation road
- Visual aids - Seeing is believing, photography basics, you can't show it if you don't take it
- Final words - Reflect, remember and reinforce
- Evaluation/ feedback

**About the Instructor:** Lorne Fitch is well known for his work with the Cows and Fish program in Alberta. Now retired from his government position, he works on a part-time basis with Cows and Fish and sits on the boards of five provincial and national conservation organizations. Public outreach has been a dominant theme of Lorne's career and he has helped develop the ecological literacy of Albertans through his professional life and through various publications for the general public. Much of Lorne's career has involved communication, a tool he has used to develop partnerships with land owners, government agencies and conservation organizations, and he is passionate about the role of effective communication in natural resource management. This communication course is based on his professional experience and a desire to mentor others in these essential skills.



Loren Fitch receiving the  
ACTWS William Rowan  
Distinguished Service in 2012.

January, 2013

## 2013 Canadian Student Conclave

March 8-10  
Canmore, Alberta

### **Hello wildlife junkies!**

The 2013 Canadian student conclave is fast approaching and the weekend promises to be packed full of exciting events! This year's Canadian student conclave will be taking place in conjunction with the Alberta Chapter and Canadian Section's Annual General Meeting in Canmore, Alberta March 8-10.

15 rooms have been reserved at the Drake Inn located at 909 Railway Avenue Canmore, AB T1W 1P3 at a discounted rate of \$79/night + tax. There are also 8 available rooms at a rate of \$89/night + tax with slightly more space and a nicer view. Rooms include 2 queen beds and can sleep up to 4 people at no extra charge. The hotel cost is not included in the conclave registration fee and it is up to students to make their own reservations.

The rooms will be held at the special rate until one week prior to the conclave date. The telephone number for the hotel is 1 (800) 461 8730 or 1 (403) 678-5131.

When you call to make a reservation use the group name "Student Chapter of The Wildlife Society" to receive the discount. See the attached document for more information about the Drake Inn or visit their website at [www.drakeinn.com](http://www.drakeinn.com)

### **Photo Contest:**

Students are welcome to submit photographs in various wildlife categories in a joint conference photo contest. More details to follow.





## Student Conclave Weekend Events

**Thursday Evening:** Groups arriving on Thursday March 7 are invited to a social mixer at the Drake Inn Pub in the evening (cost not included in conclave fee).

**Friday:** Friday will include exciting field activities and student quiz bowl!

**Friday morning:** Continental breakfast included with reservation at the Drake Inn



- Winter wildlife tracking with Dee Patriquin and Doug Skinner
- Bird watching and nature walk with John Acorn ("Acorn the Nature Nut") and Brian Leishman

Lunch break – bag lunch provided. Please contact Angela Rideout or Sam Morris-Yasinski ([uactws@ualbeta.ca](mailto:uactws@ualbeta.ca)) about any special dietary needs



### Friday afternoon

- Tour of the Banff National Park wildlife crossings on the Trans Canada Highway with Bill Hunt
- Interactive field activity demonstrating the use of camera traps with Jason Fisher and Nikki Heim



Canmore is a beautiful town surrounded by the breath-taking Rocky Mountains and vast, rich wilderness. The Bow River flows through the heart of town connecting visitors to a network of wildlife corridors and trails. It offers a unique chance to experience a special part of Canada's natural biodiversity. Canmore is famous for its fantastic view of "the three sisters", a stunning mountain range clearly viewable from town. The area offers world-class ski resorts, hiking, kayaking, and mountain biking, among other outdoor activities. Downtown Canmore is an exciting place to discover an amazing variety of locally owned shops, delicious restaurants, fantastic art galleries, and historical archives.

#### Friday Evening

Feel free to explore the area after Friday afternoon's activities. There are many options from fast food such as McDonalds, Tim Hortons, Wendy's, A&W and more. Sit in options include Boston Pizza and a variety of great local restaurants (Dinner not included). After supper get your brain in gear for Friday evening's quiz bowl at 7:00pm-10:00pm at the Radisson Hotel (just minutes away from the Drake Inn).

**Quiz Bowl** – This is the part of the weekend where we put our friendships aside and prepare for wildlife trivia war... well, maybe that's going a little far, but it's an exciting tradition at student conclaves! Each club can submit a team of 4 players to participate plus one alternate. Teams must consist of undergraduate students with a maximum of one graduate student. Please contact Tim Sobey (tsobey@lakeheadu.ca) with your quiz bowl team member list once you have registered for the conclave.

Quiz bowl questions will be based on the table below

Category	Percent
Biology/ Taxonomy/ Ecology (birds, mammals, herps, fish, plants, invertebrates)	30
Biogeography / Biodiversity	10
Population Ecology	10
Management Techniques	10
Canadian Wildlife and Management	5
Conservation Policies	5
Human Dimensions / Wildlife Damage Management	5
Soils / Geology	5
Statistics / Biometrics	5
TWS "Trivia" 5	5
International Wildlife Conservation	5
Disease / Pathology	5

**Saturday:** After breakfast, we will join the Alberta Chapter and Canadian Section's Annual Conference at the Radisson Hotel and Conference Centre. Attending this conference is a great way for students to network with professionals and get involved with current research topics in the wildlife profession!

#### Saturday Morning

- Plenary session
- Open papers

#### Saturday Lunch

- Head back to the Drake Inn for buffet style lunch (included in cost)
- Surprise activity in the Drake Inn conference room

#### Saturday Afternoon

- Finish up open papers

#### Saturday Evening (dress is business casual)

- Awards banquet
- Dinner (included)
- Silent auction
- Dance soiree

**Sunday:** half day conference ending at 3pm

**Sunday Morning**

- Open papers
- Student awards

**Costs:**

\$45 early bird conference fee (includes conference attendance, banquet dinner, dance)

\$30 conclave fee (includes meals, transportation for Friday's activities, t-shirt, conclave fees)

Hotel must be booked separately. See provided information about the Drake Inn. Approximate cost per student based on two night stay with 4 people to a room is \$45 for the weekend.

Dinner on Friday evening is not provided (estimated cost of \$10-\$20 per person)

Total cost: ~ \$135/student + costs of travel

**Registration:**

Early bird registration by February 1, 2013 Conference fee \$75

General registration by February 22, 2013 Conference fee \$80

Registration for the student conclave will be made available in the near future by paypal on the Alberta Chapter's conference registration webpage.

**Link for the Alberta Chapter of The Wildlife Society Conference information and registration:**

[http://joomla.wildlife.org/Alberta/index.php?option=com\\_content&task=view&id=237&Itemid=380](http://joomla.wildlife.org/Alberta/index.php?option=com_content&task=view&id=237&Itemid=380)

Please contact Angela Rideout or Sam Morris-Yasinski at [uactws@ualberta.ca](mailto:uactws@ualberta.ca) with any questions or concerns

## CSTWS ELECTRONIC EDUCATION SERIES 2012-13

To better serve the needs and interests of students and wildlife professionals across Canada, the Canadian Section of The Wildlife Society (CSTWS) is again undertaking an Electronic Education Series. The intent of the series is to provide our members with opportunities to hear presentations by outstanding individuals in wildlife ecology and management. The sessions will include seminars, workshops and possibly panel discussions.

The series is running monthly beginning in early November 2012 through March 2013. We already had three “webinars” with large numbers of attendants. Dr. Eric B. (Rick) Taylor, Department of Zoology, University of British Columbia talked about “Changes to the Fisheries Act: Implications for Fishes and Biodiversity Conservation”, Joëlle Taillon, Département de biologie et Centre d'études nordiques, Université Laval presented “A Challenge for Conservation: Spatio-Temporal Changes in the Use of Calving Grounds by Migratory Caribou” and Dr. Mark S. Boyce, Department of Biological Sciences, University of Alberta, presented “Selection functions: statistics, interpretations, and applications”.

The sessions are easy to access and we endeavour to keep them user-friendly. Once you have indicated your interest (see contact below), an email will be returned to you providing the speakers’ presentation in pdf format and the step-by-step instructions for participation. At the time of the presentation, you simply call into the teleconference and follow along with the presenter on your computer. All that is required is a computer and a phone (preferably with a speaker). Sessions will generally take place on the third Friday of each month at 3 pm Eastern Time, depending on the availability of the presenters. Titles, dates and times will be confirmed in follow-up emails, newsletters and on the Canadian Section webpage (<http://joomla.wildlife.org/Canada/>).

The following speakers have very kindly agreed to provide “webinars” in the coming months:

**Dr. C. Scott Findlay**, Department of Biology & Institute of the Environment, University of Ottawa

**“Canada's Species at Risk Act, 10 Years Later”**

Friday, February 15, 2013, @ 3pm EST

**Dr. Thomas (Tom) Nudds**, Department of Integrative Biology, University of Guelph

**“Adaptive Management”**

Friday, March 22, 2013, @ 3pm EDT

**Contact:** if you are interested in participating, send an email to [csoftws@gmail.com](mailto:csoftws@gmail.com). The Electronic Education Series is free to CSTWS members. Non-members who sit in on the presentations are encouraged to support the series by joining the CSTWS (annual membership is only \$10) at: <http://joomla.wildlife.org/Canada/> or <http://flash.lakeheadu.ca/~arodgers/cstws/>.

The Committee has proposed that the Electronic Education Series could also include workshops or even panel discussions such as a workshop on using the R statistical package, constructing Resource Selection Functions, wildlife diseases or a waterfowl ID session. If you have any suggestions for speakers or topics you would like included in the series please send them in to any of the CSTWS Executive or your Chapter representative.

The Electronic Education Series is sponsored by the Ontario Ministry of Natural Resources, Centre for Northern Forest Ecosystem Research, Thunder Bay, Ontario.

<http://www.mnr.gov.on.ca/en/Business/CNFER/>.



**Centre for Northern Forest  
Ecosystem Research**

Ontario Ministry of Natural Resources

## The Wildlife Society 2015 Annual Conference Update

*Merlin Shoemith, Manitoba Conservation (retired)*

The Logo Contest is now closed. Twenty-eight submissions were received by Lauren Hayhurst, subcommittee chair. An initial review of the submissions will be held in early January involving Darryl Walter.

The Fund Raising subcommittee will be chaired by Brian Joynt, Manitoba Conservation, and Rob Officer, Red River Community College. Rob is currently the Manitoba Chapter President. Don Sexton and I have had an initial meeting with them and they are preparing an approach or strategy to help raise some \$150,000 that we anticipate will be needed to offer all of the activities and things beyond what registration revenue will bring in. We invite suggestions for possible sponsors across Canada. At the same time, we in the Manitoba Chapter are planning a few

“fun-raising” events that will provide us with some dollars and we will have some fun in the process. We have been advised that Saskatchewan and Alberta Chapters might be interested in similar events and we would very much encourage all Chapters to do so.

The Field Trips subcommittee will be chaired by Serge Scrafield, Manitoba Conservation, and Chris Smith, Ducks Unlimited Canada. We anticipate that we will need the next 2.5 years to organize some 5-6 field trips both short and long prior to and during the conference. They will begin working on those aspects soon. We anticipate field trips to Riding Mountain National Park, Tall Grass Prairie Preserve, Fort Whyte Alive, Oak Hammock Marsh Interpretative Centre, Churchill Polar Bear Tour and several fishing and birding opportunities with expert guides in or near Winnipeg. All of this will depend on what opportunities can be successfully arranged at a reasonable cost to any conference registrant.

A number of wildlifers have come forward and offered to volunteer their help either before and/or during the conference. Thank you to those in advance and we hope that more from across Canada will offer their assistance. Our Canadian Section will be responsible for the program for this conference so, when the time comes, reviewers of technical papers and posters will be needed. Or you might be able to help with the arrangements from a distance. Or you might be able to help during the conference. At this point, please contact co-chairs of Arrangements Merlin Shoemith ([109mejo@mymts.net](mailto:109mejo@mymts.net)) or Don Sexton ([sextonda@mts.net](mailto:sextonda@mts.net)) if you would like to get involved.

## 2012 Membership Contest

We invite you to participate in a membership drive contest. The purpose of this contest is to increase membership in the Canadian Section of The Wildlife Society while developing a team dynamic among members. The Canadian Section of The Wildlife Society is growing quickly and we are excited about the expanding networking among our members by connecting wildlife professionals across Canada and the rest of the world. Please join us in the drive!

**How do you get started?** Tell your friends, family, colleagues, and coworkers about how The Wildlife Society has helped connect you with others in the field of wildlife stewardship and conservation in Canada. You can also inform them of the great benefits a membership in the Canadian Section provides, including:

- The Canadian Section of TWS **bi-monthly newsletter**;
- Presenting your work and learning about the wide variety of wildlife research and management projects by Canadian students, university and government members at our **Canadian Section Annual General Meeting**;
- New exciting job opportunities as our Canadian Section **website** lists graduate opportunities as well as wildlife careers online, providing access to listings of exciting new job opportunities in Canada;
- Becoming a part of the efforts of our **Conservation Affairs Committee**, that continues to put forth important information, position statements and a collective voice on wildlife and conservation issues in Canada;
- Taking advantage of our **educational programming** and **online webinars** for students and professionals to further enhance their knowledge and training;
- Becoming eligible for **student travel awards** to TWS Annual Conferences and our Annual General Meeting; and
- A wide array of opportunities to **network** with other wildlife professionals and students.

**How do they become a member?** We now have three options, two online options for membership sign up or they can mail it in.

1. Sign up through the TWS international web site (link below) and then send the referral name to [csoftws@gmail.com](mailto:csoftws@gmail.com):  
<https://store.wildlife.org/Source/Members/cMemberInsert.cfm?section=signup&signup=1>

2. Sign up though the Canadian Section of The Wildlife Society membership web page:  
<http://flash.lakeheadu.ca/~arodgers/cstws/>

3. Or they can fill out the form at the end of this newsletter and send to the address listed on the same form.

**What's in it for you?** Every time your name shows up as a referral you get one point towards winning a free membership for the upcoming year.

**How long does the drive go for?** We will count referral names every month and the member with the most referrals (points) gets a free membership for a year. This will be limited to two years of free membership per individual referral member.

**Are you an executive member of a Chapter or Section?** If you are an executive member of a Chapter or Section,

you will be placed into a separate drawing where you will compete with other executive members. We know that you are already involved in promoting the Society as an executive member, but we would also like to offer you a little extra incentive to promote to new members.

Good luck! The contest begins now!

## Call for 2013 TWS Awards

*Mike Gillingham, Chair Canadian Section Awards Committee*

The Wildlife Society has numerous awards that recognize individuals and groups who have made significant contributions to TWS and wildlife conservation and/or management. Full details of each award can be found at <http://wildlife.org/who-we-are/awards>, but the awards include the:

- Aldo Leopold Memorial Award (recognizes a well-established and distinguished career that has been of undoubted significance to the cause of wildlife conservation);
- Caesar Kleberg Award For Excellence in Applied Wildlife Research (intended to honour an individual's record of applied research over a substantial period of time);
- Chapter and Student Chapter of the Year Awards (recognize exceptional achievements by these units of TWS);
- Conservation Education Award (recognizes efforts that influence public opinion in a constructive manner and is given in each one of the following categories on a four-year-rotation basis: writing, audio-visual works, media, programs);
- Distinguished Service Award (awarded within the [Canadian] Section to an individual that has been active in TWS for at least 20 years [and is still an active member] who have served TWS in such a way that furthers the goals of TWS);
- Diversity Award (recognizes an individual or organization for outstanding efforts in promoting ethnic and gender diversity in the natural resource professions, especially wildlife conservation and education);
- Excellence in Wildlife Education Award (celebrates exemplary teaching and contribution to the improvement of wildlife education by honoring individual faculty members),

- TWS Fellows Program (recognizes members who have distinguished themselves through exceptional service to the wildlife profession);
- Group Achievement Award (acknowledges an organization's outstanding wildlife achievement that is consistent with and/or assists in advancing the objectives of TWS);
- Honorary Memberships (recognize continuous outstanding service to any area or areas of concern to TWS);
- Jim McDonough Award (honours a person who has made, or is making, a significant contribution to the wildlife profession by being an active member/participant of TWS, especially at local levels (i.e., Chapter and Section));
- Rusch Memorial Game Bird Research Scholarships (are intended to benefit students who are members of TWS and who show promise as wildlife teachers, researchers, and managers. And are awarded to in-course master's students (in even numbered years) or doctoral students (in odd numbered years) in wildlife biology, zoology, ecology or a related discipline at a university in North America);
- Special Recognition Service Award (honours any person or group who has made an outstanding contribution to: the wildlife profession; the general areas of wildlife conservation, management, or science; or a specific area of endeavor, species, community, ecosystem, region, etc.);
- Student Chapter Advisor of the Year (given to an outstanding Student Chapter Advisor each year); and
- Wildlife Publication Awards (recognize outstanding publications in the areas of monograph, book, and editorship),

In preparation for the 2013 award competitions, which will have February and March 2013 deadlines, the Canadian Section Awards Committee is soliciting nominations for all of these honours and awards. Please send any nominations to the Canadian Section Awards Committee Chair, Mike Gillingham ([michael@unbc.ca](mailto:michael@unbc.ca)). Note that the Awards Committee can help review nominations for Chapter, Student Chapter, and Student Chapter Advisor of the Year awards, but these nominations are normally self-nominated and are sent directly to the TWS Awards Committee once their call for nominations has been made.

## CHAPTER NEWS

### News from Manitoba

The Manitoba Chapter held its annual Fall Mixer event at Fort Whyte Alive in November with over 100 attendees. The event provided an opportunity to socialize, a special meeting to adopt newly revised chapter by-laws and two guest speakers. In early February the Chapter will host its annual Winter-get-away at Camp Wannacumbac on the outskirts of Riding Mountain National Park. It is anticipated that 80 registrants will take part in a weekend that includes 7 different speakers, three different field activities and a social evening. This is always a popular event and is greatly supported by the University of Manitoba Co-op and Field Studies students.

The chapter executive has been busy with what seems an innumerable number of directives. These include; website and Facebook updates, a newsletter that came out in December and another to come in March, planning for the Annual General Meeting in March in combination with celebrating the 40th anniversary of the chapter, identifying a slate of candidates for elections in March, participating in the Manitoba Environmental Industries Association Career Fair, development of standard operating procedures for the chapter and its executive, establishing fundraising and membership recruitment goals and objectives, creating a longer term budget management plan and trying to electronically archive 40 years of chapter history.

Of course I would be remiss if I didn't mention that the arrangements committee for the 2015 TWS conference to be held in Winnipeg and co-chaired by Don Sexton and Merlin Shoemsmith has also had their hands full. Don and Merlin have been working diligently to establish committees such as the fundraising committee and field trip committee while working to narrow down the number of proposed conference logo's submitted to allow for a manageable number on which to vote.

We hope all is well across the rest of the country!

Sincerely,  
Rob Officer  
President, Manitoba Chapter



## UPCOMING MEETINGS & WORKSHOPS

**Great Plains Natural Science Society**  
**Department of Natural Resource Management**  
**at South Dakota State University**

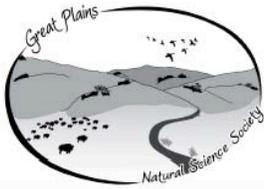
**Program MARK Workshop**  
**4-8 March 2013**

The Great Plains Natural Science Society and the Department of Natural Resource Management at South Dakota State University will be hosting an introductory-level Program MARK workshop in Brookings, SD. The 5-day workshop will be presented by Dr. Gary White at the Swiftel Center. The workshop will provide biologists and graduate students with the basic background to understand the main-stream analyses performed by Program MARK.

Visit <http://www.sdstate.edu/nrm/organizations/gpnss/tpn/program-mark-workshop.cfm> for more information and registration details.



(Dr. Gary C. White, Professor Emeritus, Colorado State University)



**Department of Natural Resource Management**



**South Dakota State University**

### Get Ready for ICCB 2013!



Save  
the  
Date!

26<sup>th</sup>

International Congress  
for Conservation Biology  
Baltimore, Maryland, USA  
21-25 July 2013



The Society for Conservation Biology is pleased to announce the **26th International Congress for Conservation Biology (ICCB)** will take place 21-25 July 2013 in historic and charming BALTIMORE, Maryland, USA!

**Call for Abstracts for Contributed Oral, Speed with Poster, Poster, and Student Award Presentations.** We are seeking abstracts for contributed oral, speed with poster, poster, and student award presentations. The

deadline to submit your abstract is 30 January 2013. Visit the Call for Abstracts page of the ICCB website for complete instructions and to access the Abstract Management System. Decisions on submitted proposals will be made by 28 February 2013. We encourage proposals from individuals or groups involved in cutting edge conservation science or practice, especially those that can demonstrate an alignment with the theme of the congress: "Connecting Systems, Disciplines and Stakeholders."

Baltimore, one of the oldest cities in the United States, is just 45 minutes from Washington, DC, two hours from Philadelphia, and three hours from New York City. It also sits on the Chesapeake Bay, the largest estuary in the United States, and home to numerous conservation-related efforts in restoration, fisheries management, and the effects of urbanization and agriculture on watersheds and aquatic life. In addition to being served by nearby Baltimore-Washington International Airport, the city is within driving distance of two more airports that serve the greater Washington, DC area.

ICCB is the Society's premier event bringing together conservation scientists, students, and practitioners from around the world to present and discuss the latest conservation science, practice and policy. While the hallmark of each ICCB is its top notch lineup of symposia, workshops and short courses; what makes the Congress special is its emphasis on people and relationships, local culture, collegiality, and professional networking. SCB will continue this tradition at the 26th ICCB and looks forward to seeing you in "Charm City" 21-25 July 2013. International Congress for Conservation Biology  
Connecting Systems, Disciplines and Stakeholders

## Online Invasive Species Management Training Program

Southeastern Community College (Whiteville, North Carolina) has developed an online program to train invasive species field managers. The five core courses in the program cover all aspects of invasive species management – including pre-clearance of commodities at foreign ports of exports, border clearance at ports of entry, early detection and rapid response, and control.

The new online program at SCC, which is international in scope, includes five core courses and two support courses for a total of 18 credit hours. This includes IVS 110 (Introduction to Invasive Species) (3 credit hours), IVS 210 (Overview of Invasive Species Management

Strategies) (3 credit hours), IVS 211 (Overview of Invasive Species Management Programs (3 credit hours), IVS 220 (Invasive Plant Survey Methods) (4 credit hours), and IVS 221 (Invasive Plants Control Methods) (3 credit hours).

The distant learning format of the program provides a flexible educational delivery method that permits students to continue working while they are enrolled in the courses. It also allows them to interact with other students from across the U.S. and Canada – and beyond.

More details are provided at <http://www.invasiveplantcontrol.com/ManagementTrainingProgram-Overview.pdf> and further information can be obtained from the course directors Dr. Randy Westbrooks at [rwestbrooks@intrstar.net](mailto:rwestbrooks@intrstar.net), or Rebecca Westbrooks at [rwestbrooks@scnc.edu](mailto:rwestbrooks@scnc.edu).

## JOBS IN WILDLIFE

### Area Wildlife Biologist, High Prairie, Alberta Environment and Sustainable Resource Development

#### Role

Are you ready to design, develop, deliver and manage the Wildlife and Wildlife Habitat programs in the Lesser Slave Area? Do you have what it takes? This senior professional position carries out complex assignments, manages field programs, develops comprehensive reports and provides interpretations and recommendations on significant wildlife issues. This position plays a key role in providing strong professional and operational support, advice, and direction to various provincial level tasks, strategies, policies, and processes. Your in-depth knowledge of resource management will allow you to function as the provincial authority and team lead for specific management projects. This position requires extensive knowledge and recent experience with: wildlife data collection techniques, including aerial surveys and population and habitat inventory and monitoring -Area and regional game species and non-game species including furbearers and species-at-risk -Hunting and trapping season setting and consulting with stakeholders on allocations and regulation recommendations -All aspects of resource development, extraction, and mitigation techniques as they affect wildlife. populations, and habitats -Database management, statistics, modelling and GIS.

You will operate with a high degree of independence, working toward ensuring the sustain ability of wildlife populations and their habitats and addressing all wildlife program interests related to allocation, conservation, and integrated resource management in the Area. Your solid

leadership, supervision, interpersonal, communication, problem solving, and negotiating skills will serve you well in dealing with other professionals, aboriginal communities, stakeholders, industry, and the public in both individual and team situations.

#### Qualifications

A degree in Biology or a related field plus 6 years experience directly related to wildlife management and land use integration. Experience managing an area wildlife program is preferred. As an equivalency, additional graduate education will be considered in lieu of some experience. Supervisory and public consultation experience would be considered an asset as well as experience with GIS. Candidates with lesser qualifications may be considered at a lower classification level and salary.

Salary: \$2,783.38 - \$3,601.99 bi-weekly (\$72,646 - \$94,012 annually)

Please see the attached position description for a detailed list of the job responsibilities:

<http://www.jQlts.alberl;g~/pprolliE2fJIQ1QJ~2~7.htm>

If you require any further information on this job posting, please contact Shelly Dohms at Phone: (780) 422-5584 or e-mail: [ESRD.HRS@gov.ab.ca](mailto:ESRD.HRS@gov.ab.ca).

### **Post-doctoral Researcher in Geospatial Analysis of Aerial Survey Data—GS-12**

U.S. Geological Survey, Alaska Science Center, Anchorage, Alaska, and the U.S. Fish and Wildlife Service, Migratory Bird Management Office, Anchorage, Alaska.

The U.S. Geological Survey Alaska Science Center in Anchorage, Alaska, is seeking a post-doctoral student with skills in analysis of aerial survey data. Candidates should have a Ph.D. in ecology, wildlife biology, landscape ecology, statistics, or a related field, with demonstrated skills in the analysis of geospatial wildlife data, statistical analysis of populations and habitats, programming, and a record of scientific publication.

The specific research project involves analysis of a 26-year data set from the Arctic Coastal Plain of Alaska with approximately 460,000 bird observations of 33 species, collected on aerial transect surveys by the U.S. Fish and Wildlife Service Migratory Bird Management Office in Anchorage. The primary goal of this research is to detect, quantify and describe changes in the abundance, distribution, and habitat associations of avian populations. The secondary goal is to link this research with the U.S. Geological Survey Changing Arctic Ecosystem initiative to understand climate-related changes in the bottom-up processes that are altering wildlife populations and their habitats now and into the future. Results will also facilitate

analysis and design of aerial survey data collected by the U.S. Fish and Wildlife Service Migratory Bird Management Office in Anchorage. The successful candidate will collaborate with U.S. Fish and Wildlife Service biologists and pilots to understand the aerial survey data, conduct analyses, and establish long-term data archiving and processing procedures. Experience with computer programs, such as R, for trend analysis, habitat modeling, and spatial analysis and mapping (ArcGIS) is required. Collaborative results are expected to be published in the peer-reviewed literature and presented at local and national meetings.

This is a 13-month (with possible extension) full-time position to be filled at the GS-12 (\$75,156 - \$97,701 /year plus a 5.57% Cost-of-Living Allowance). Interested candidates should contact John Pearce, U.S. Geological Survey Alaska Science Center, 907-786-7076, [jpearce@usgs.gov](mailto:jpearce@usgs.gov) for information about the position and application process. The USGS is an equal opportunity employer.

More information about the U.S. Geological Survey Alaska Science Center can be found here: <http://alaska.usgs.gov/>

More information about the U.S. Fish and Wildlife Service Migratory Bird Management Office in Anchorage, Alaska, can be found here: <http://alaska.fws.gov/mbsp/mbm/index.htm>





A beaver at work...

**Caribou Research Technicians**

**Location:**  
Fort St. John and Fort Nelson, British Columbia (BC), Canada

**Job Description:**

This announcement is for 3 positions lasting 4-5 months each to begin in early June and to end in mid-October, 2013, with one extended through mid-November (exact start dates/end dates to be determined). Salary is hourly (\$10.25/hour) with 1.5x overtime for greater than 40 hours per week. Monthly income can be expected to range from \$2,000-\$2,600 per month.

This study involves data collection on foraging dynamics and nutrition using tame, captive caribou. Our primary goal is to increase knowledge of how habitat and habitat management influence the nutritional well-being of caribou. We will construct temporary pens in different habitats and transport the caribou to the pens for data collection in remote areas in NE BC. The project is a collaborative study between the University of Northern British Columbia (Prince George) and Canadian Operations of the National Council for Air and Stream Improvement (Montreal, QC). Technicians will be employed by NCASI-Canada.

Technicians will measure forage abundance and forest overstory characteristics using standard vegetative sampling techniques on the boreal forests of NE British Columbia around Fort Nelson and northern Rocky Mountains between Prince George and Fort St. John. Duties also include assisting with pen construction, loading and moving the caribou, and feeding/caring for caribou. Technicians will be required to live in the woods with the tame caribou. "Living" with includes camping out near pens in remote areas. We will supply a travel trailer, tents, and camp stoves.

Working conditions occasionally may be extreme. We will work 3- to 3.5-week periods in the backcountry with few breaks. Early in the summer, biting insects can be relentless. Ambient temperatures in autumn can be cool, and extended bouts of precipitation should be expected. Work days often will be quite long. The study sites are located far from towns. The project does not provide living facilities during periods of time-off. Technicians must be flexible, but we will try to accommodate special needs for time off.

**Qualifications:**

Preference will be given to Canadians with an undergraduate degree or nearing completion of a degree in biology, animal science, or wildlife biology and/or suitable experience with identification of this region's flora. US citizens are also welcome to apply. Vehicles are supplied for work, but technicians must have a reliable vehicle to arrive at base facilities at Fort Nelson and Fort St. John. Travel will be on a mix of maintained and unimproved gravel and dirt roads. US citizens must have a valid passport and must have a Canadian work permit under NAFTA, and NCASI will assist with this process.

**Benefits:**

Workman's compensation.

**Documentation Required:**

A cover letter along with a resume showing relevant work and education experience is required (please include dates available to work in the cover letter!). Please include GPA in the resume if you have attended university or college. Applicants should confirm that they have suitable transportation and identify their availability to work through mid-November. The resume should also include contact information for at least 3 references, preferably those associated with past work experience. No character references please. Please include email addresses and phone numbers for reference contact information.

Please send application materials via email (preferred) or snail mail to:

Rachel Cook (rachierae@gmail.com)  
PO Box 122  
La Grande, OR 97850  
541-963-9275 (office) or 541-910-4311 (cell)



**Jobs** are advertised on our Canadian section website and in the newsletter. If you have jobs to offer, please send your job advertisements to Kathreen Ruckstuhl at [kruckstu@ucalgary.ca](mailto:kruckstu@ucalgary.ca)

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## EDITORS

**Newsletter:** Kathreen Ruckstuhl & Garth Mowat

**Website:** Matt Dyson & Kathreen Ruckstuhl



## Canadian Section of The Wildlife Society

*"The mission of the Canadian Section of The Wildlife Society is to foster excellence in wildlife stewardship through science and education among wildlife professionals in Canada"*

# 2013 Membership Application

The Canadian Section of The Wildlife Society invites you to join or renew your membership for 2013-2014. To join or remain a member for the upcoming year, please fill out this application form and mail it along with your dues to the address below. If you are joining, be sure to list the member that referred you!

You also have the option to join the Canadian Section when you renew your membership through TWS International (see link below). In order for the member who referred you to get credit, you must send an email to [marcitrana@gmail.com](mailto:marcitrana@gmail.com) stating your name and the name of the person that referred you.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_

Postal Code: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_ Affiliation: \_\_\_\_\_

Name of member that referred you: \_\_\_\_\_ Member # (if renewing): \_\_\_\_\_

Annual Membership Dues: **\$10.00 (CDN/US)**

Please make payment out to: Canadian Section of The Wildlife Society

If you are interested in becoming a member of the Executive Board or involved in one of our standing Committees please indicate:

- |   |   |
|---|---|
| <input type="checkbox"/> Executive Board      | <input type="checkbox"/> Conservation Affairs Committee |
| <input type="checkbox"/> Membership Committee | <input type="checkbox"/> Awards Committee               |
| <input type="checkbox"/> Education Committee  | <input type="checkbox"/> Newsletter/Website             |

Please mail membership form and dues to:

Canadian Section of The Wildlife Society  
 % Marci Trana  
 80 Thatcher Drive  
 Winnipeg, MB  
 R3T 2L5

To renew or join online visit TWS's secure website at: <http://store.wildlife.org/scriptcontent/index.cfm>

If you only want to sign up for the Canadian Section visit the CSTWS's secure website at: <http://flash.lakeheadu.ca/~arodgers/cstws/>

If you have any questions please feel free to contact Marci Trana by phone (307-760-9233) or email ([marcitrana@gmail.com](mailto:marcitrana@gmail.com))