



## 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"*

March 3, 2012

Vol. 5, No. 1

### PRESIDENT'S MESSAGE



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

Hello Everyone!

Winter has been very nice to us here in Alberta! In November and December we were bracing ourselves for the -30 degrees Celsius weather that we usually get around that time of year... but... it was very cold for only about a week and the rest of the time it was sunny and relatively warm. The days are getting longer and although spring is still 2-3 months away, we can look forward to the end of winter.

The Canadian Section has been quite active, communicating and supporting new and established chapters. I visited the Laval Student Chapter last December and found that there is considerable interest in forming a Quebec Chapter. To help them on their way we drafted a letter to be sent to all Quebec Universities and Colleges and are hoping to generate a lot of interest.

Rick Baydack's term as Canadian Representative to TWS Council will terminate this year (October) and we were thus looking to replace him. We are lucky to have had a few excellent people that were willing to have their name stand and have forwarded two names to TWS.

As you've probably all heard by now Manitoba was successful in getting the 2015 TWS conference to Winnipeg! We are extremely excited to bring the TWS back to Canada after having hosted it only once before, in Calgary, in 2004. The Manitoba chapter and CSTWS are starting to get organized and will welcome anybody who would like to be part of the organizing team or participate in one way or another. So please get involved!

TWS sadly had to say good-bye to one of their chief editors, Warren B. Ballard, Jr. (Wildlife Society Bulletin) who passed away in January after his battle with cancer. Warren was a major figure in the wildlife profession and trained over 60 graduate students. If you're interested in learning more about this remarkable man, go to: <http://cherokee.tosm.ttu.edu/ttunrm>. Leonard A. Brennan has replaced Warren as the Editor-in-Chief of the Wildlife Society Bulletin.

On a happy note, Matt Dyson, current president of the UNBC Student Chapter has kindly agreed to take over most of the webmaster duties, since I have been too busy to keep our website up to date. Sorry for that and thanks to Matt to step up to the task! A warm welcome.

**CSTWS membership has increased steadily and we were sitting at 321 on February 25th but got news that there are several more in the pipeline. That is fantastic news!!!**

Last but not least, Evelyn Merrill, our President-Elect has taken on the task of organizing our annual meeting. She's been scouting for a good time and place that is convenient for most of us. I am sure we'll hear about that very soon. On that note I wish you all a productive end of winter and for those of you lucky enough to go into the field soon, a great start of the field season!

Greetings, Kathreen Ruckstuhl

## CANADIAN SECTION REPRESENTATIVE'S REPORT



**'Baydack's Banter'**

**By Rick Baydack, University of Manitoba  
(baydack@cc.umanitoba.ca)**

A mild winter, but now forecasts for considerable snow accumulations. High winds that delayed construction projects. The possibility of a drought this spring, after record-high water levels last year. Increasing white-tailed deer populations after a hard winter in 2010. Moose numbers dropping across the province. Waterfowl production in the excellent to very good range in 2011. Enhanced animal condition indices for wild turkeys in the southwest. Debates about the 'correct' location for a major hydro transmission corridor. Record high oil prices due to controversies in the Middle East.....

And so it goes in terms of news headlines in our province, and likely in most other areas of Canada and North America. Environmental change from a variety of factors continues to bring about significant alterations to our World in ways that we can only imagine. More than 50 years ago ecologist Frank Egler noted, 'Nature is not only more complex than we think, it is more complex that we can think.' I can't help but believe that his words ring even more true as I move forward in my wildlife career.....

But one constant has remained over that span of 30+ years during which I have thoroughly enjoyed my time in the wildlife profession. The influence of The Wildlife Society has been maintained as the premier organization to which I turn to gain insights into the changing world of wildlife ecology and management. That feeling was reaffirmed just yesterday when a box arrived in my office mail from the Johns Hopkins University Press, and in that box was the 7<sup>th</sup> Edition of 'The Techniques Manual' – what I refer to as the 'Bible' of our profession. And you can well imagine how the rest of my day was spent – be damned other deadlines and requirements, I could literally not put the new 2-volume set down. What a magnificent job editor Nova Silvy has done in collating and updating a wealth of information that all of us need to know in order to stay at the forefront of our field. If you have not yet seen this tremendous treasure, I urge you to get your copy as soon as possible! You will not be disappointed.

As I consider other reasons why The Wildlife Society continues to be the 'Go-To' organization for our profession, several accomplishments come to mind that were highlights for TWS in 2011. The *Wildlife Society Bulletin* was re-established as a peer-reviewed journal for wildlife practitioners, joining the *Journal of Wildlife Management*, *Wildlife Monographs*, and *The Wildlife Professional* in our impressive publications arsenal. TWS reached out and became a contributing member of the Association of Fish and Wildlife Agencies (AFWA), thereby giving TWS Staff and Council an opportunity to serve on AFWA Committees and represent our membership in voting and policy formulation for this agency. Wildlife education and careers were once again important considerations for The Wildlife Society, as the draft report of the 'Blue Ribbon Panel' on the Future of the Wildlife Profession was released for comment at the Annual Conference in Hawaii. As well, TWS brought together 36 key representatives of universities, provincial/state and federal agencies, and professional/scientific organizations at the Coalition of Natural Resource Societies Conference in Denver on Natural Resource Education and Employment. The IV<sup>th</sup> International Wildlife Management Congress has been planned for Durban, South Africa in July 2012 with program development underway. The Wildlife Society Position Statements continue to be a guiding light for our profession, with new policies recently enacted on feral cats, swine, and horses. And considerable attention has been given by TWS in increasing the diversity in the wildlife profession, including initiatives with the Native Peoples Professional Development Program and the fantastically successful Women of Wildlife (WOW!) event introduced at this year's Annual Conference.

Once again, a tremendously impressive track record that shows that The Wildlife Society is clearly meeting its mandate..... **The mission of The Wildlife Society is to represent and serve the professional community of scientists, managers, educators, technicians, planners, and others who work actively to study, manage, and conserve wildlife and their habitats worldwide.....**

But you need not take my word for it. Consider the thoughts of the 10,500+ members of TWS International. And then add to that the viewpoints of TWS Chapter or Section Only Members. What a sphere of influence we comprise! And what an impressive array of wildlife professionals. In closing, as I have mentioned in the past, without dedicated members like yourselves, The Wildlife Society would be nothing more than a name. But with you and your perspectives, we are strong indeed. Congratulations to us all!

## SECTION NEWS

### 2015 TWS Annual Conference to be Held in Manitoba!

The Manitoba Chapter and Canadian Section, TWS, have been designated hosts for the 2015 Annual Conference of The Wildlife Society. TWS Council voted unanimously during their recent meeting in Hawaii to approve Winnipeg, Manitoba as the site for 2015. This bid won out over competing bids from other chapters to host in Des Moines, Iowa and Denver, Colorado. Merlin Shoesmith and Don Sexton co-chair the Arrangements Committee and were responsible for preparing the bid submission that included 18 letters of support from government, university, conservation education/research centres and private consultants in the wildlife field. Other chapter members who greatly assisted with this effort were Erin McCance, Dale Wrubleski, Jonathan Wiens, Dave Walker and Rick Baydack. Strong support was received from Art Rodgers as President of the Canadian Section. Rachelle Normand of Tourism Winnipeg worked very hard with her industry partners and TWS head office staff to obtain acceptable hotel rates and basic facilities required for such a conference in the Winnipeg Convention Centre. It was a great team effort and thank you to all who participated.

Although the 2015 Conference is some four years away, preliminary planning by the Arrangements Committee has begun. In the bid submission, it was estimated that over 100 wildlife professionals and at least 120 university students will be needed as volunteers to make this conference a success. If any Section or Chapter member would like to assist in this undertaking, please contact: Merlin Shoesmith [109mejo@mymts.net](mailto:109mejo@mymts.net), Don Sexton [sextonda@mts.net](mailto:sextonda@mts.net), Erin McCance [emccance@shaw.ca](mailto:emccance@shaw.ca), Kathreen Ruckstuhl [kruckstu@ucalgary.ca](mailto:kruckstu@ucalgary.ca), or Rick Baydack [baydack@cc.umanitoba.ca](mailto:baydack@cc.umanitoba.ca).

Prepared by Merlin Shoesmith

## CHAPTER & WORKING GROUP NEWS

### Manitoba Chapter

The Manitoba Chapter's annual winter getaway was a huge success! It was a fun filled educational weekend with over 80 participants coming from as far south as Winkler and

from as far north as Thompson.

The theme for the weekend was 'Biological Monitoring'. It started off Friday evening with talks from Parks Canada staff of Riding Mountain National Park (RMNP). Paul Tarleton spoke on long term biological monitoring ongoing in RMNP and Doug Bergeson discussed biological monitoring as it relates to Bovine Tb in Riding Mountain.

Saturday morning consisted of several excellent talks, including presentations from Bob Reside (PC-RMNP) on monitoring with respect to Clear Lake, Melanie Dubois (AAFC) on the Community pasture program, and Brian Kiss (MB Conservation) on wild turkeys in MB.



Saturday morning at the Pavillion

Several workshops were run on Saturday afternoon, including geocaching (Friends of RMNP), deer trapping (Tim Sallows, PC-RMNP & Erin McCance, U of M) and citizen science (Christian Tremblay, PC-RMNP).



Geocaching





Deer Trapping



Searching for slimy sculpin



Citizen Science



2012 Getaway participants

After another fantastic meal from the Camp Wannakumbac staff and a talk from Volker Beckmann on Wolves in Manitoba, it was time for a classic Manitoba social and impromptu broom ball tournament.

Thanks to everyone for coming out, hope to see you again next year!



Broomball

We ended things on Sunday morning with a great talk from Chris Malcolm (Brandon University) on northern pike movements and slimy sculpin, which included some outdoor trapping.

## SASKATCHEWAN CHAPTER

We are happy to announce that the SCTWS continues to grow and executive members have been busy recruiting members through government, industry, universities, and colleges. Currently, there are 48 members from 8 communities throughout the province.

The executive of the SCTWS has been meeting regularly and has decided to circulate a quarterly newsletter to the membership, with the first newsletter to be distributed in late March. Additionally, we will be having our 1<sup>st</sup> Annual Mixer before everyone heads off to the field in early April.

Because the executive of the SCTWS was not established until late 2011, the executive decided to extend membership dues paid in 2011 to the 2012 calendar year, which has hopefully resulted in a couple of happy members. A few members had already renewed their SCTWS memberships through TWS online and many have graciously donated these funds to the Chapter. We'd like to thank these members for their contributions.



Be sure to look for the first issue of the SCTWS newsletter in late March. If you reside in Saskatchewan, consider purchasing a SCTWS membership for only \$5 (good through Dec. 31, 2012)! Any questions, concerns, or comments can be directed to the executive of SC TWS via email at [sasktws@gmail.com](mailto:sasktws@gmail.com).



## Updates from Student Chapters

### UNBC Student Chapter

The UNBC student chapter has been very active this year with multiple activities and events. We currently have our largest associate membership ever and that has translated into many new student members of TWS Canadian and BC sections.

In the fall, members had an opportunity to attend trips to Mugaha Marsh to experience bird banding, Pinkut Creek to visit a salmon spawning channel, Forests For The World for an amphibian walk, Northern Lights Wildlife Shelter to volunteer for a weekend and finally Kennedy Siding for woodland caribou viewing. In addition to trips, we had our annual wildlife photo contest, which helps us produce our calendar (that sold over 100 copies!), we held a meet and greet for new members and current members to discuss events for the year, members also volunteered at the annual Prince George Ducks Unlimited banquet and at our fall general meeting Dr. Erin O'Brien spoke gave a talk entitled "Who's Your Daddy? Paternity and Plumage Ornamentation in Male Birds".

The winter semester has also been active. An alumni member, Kris Maier, came to give a talk on "Successes of First Nations Fisheries Management in the West Arctic" and we put on a workshop called "So I have a degree, now what?" where we talked about grad school, summer jobs and work once you're done school. We held our 3<sup>rd</sup> annual Wildfoods Potluck where we had dishes like caribou goulash, musk-ox, moose stroganoff and wild rice. We also offered the PAL/CORE courses over a weekend to our members, which you need to hunt in British Columbia. Finally upcoming is our 3<sup>rd</sup> annual Ice Fishing Derby, which we have some awesome prizes for winners thanks to donations from local businesses, a fisheries management student forum where we will be discussing aquaculture and other fisheries issues and our annual general meeting where we have our quiz bowl and elections.

The UNBC student chapter is also involved in an ongoing research project looking at winter animal movement around campus. The projects involves snow tracking using visual track identification and also creates a field environment where members can learn how to fill in data forms and use a GPS, not to mention just getting outside. For more information on our chapters activities check out our website at [tws.unbc.ca](http://tws.unbc.ca) or on facebook ([facebook.com/unbctws](http://facebook.com/unbctws)).

Cheers,  
Matt Dyson, President  
UNBC Student Chapter of The Wildlife Society



## Ruffed Grouse Society of Canada

*La Societe Canadienne De la Gelinotte Huppee*

### NOMINATING THE RUFFED GROUSE FOR CANADA'S NATIONAL BIRD

Did you know that Canada does not have a national bird? The Ruffed Grouse Society (RGS) of Canada is proposing that the ruffed grouse fill that void.

While Senator Nicole Eaton created a national debate recently by suggesting Canada's national mammal should be switched from the beaver to the polar bear, there has been no discussion of the fact the country does not have a national bird. Many Canadians believe the common loon is our national bird as it graces the \$1 coin, but it is already Ontario's provincial bird. All of the country's provinces and territories have an official bird, but the country does not.

To fill this void, the Ruffed Grouse Society of Canada is proposing that the ruffed grouse be designated as Canada's national bird. The ruffed grouse is a forest-dwelling bird found in all 10 provinces and two of three territories. It is a bird made for Canada's climate and is a hardy year-round resident that does not migrate south for the winter.

“The ruffed grouse is far and away the best candidate for Canada’s national bird,” said RGS Canada Co-ordinator John Lockerbie. “This bird is a symbol of Canada’s wilderness, is an important game bird, and delights Canadians from coast-to-coast-to coast with its spring drumming ritual.”

Manitoba Conservative MP Robert Sopuck (Dauphin-Swan River-Marquette) has agreed to sponsor this initiative to designate the ruffed grouse as Canada’s national bird. Mr. Sopuck is a biologist, outdoor writer, avid hunter, and owner of 300 acres of prime ruffed grouse habitat in Manitoba. He is a member of the Standing Committee on Environment and Sustainable Development and a member of the Outdoors Caucus.

“The ruffed grouse represents what it means to be a Canadian,” Sopuck said. “The bird is supremely adapted to Canada’s climate. It uses snow cover to enhance winter survival and the ruffed grouse even comes with built-in snowshoes! They tough it out in rugged country and subsist on a wide variety of forest foods - truly a Canadian survivor!”

Haldimand-Norfolk MPP Toby Barrett, who is a society supporter and member, plans on introducing a resolution in the Ontario Legislature to support Sopuck’s efforts. Lockerbie is hopeful a New Brunswick MLA will do the same.

RGS Canada field editor Jeff Helsdon launched the concept of making the ruffed grouse the national bird. While researching a column on the topic, he discovered there was already a movement underway by the Canadian Raptor Conservancy to have the red-tailed hawk declared the national bird. It is our view the ruffed grouse would make a much better choice.

“I admire the red-tailed hawk and have observed the bird many times,” said Sopuck. “But Canada’s national bird should at least be one that is Canadian for 12 months of the year and unfortunately the red-tailed hawk simply doesn’t make the grade. The ruffed grouse should definitely be Canada’s bird”

The Ruffed Grouse Society of Canada is a registered non-profit organization dedicated to preserving the habitat for ruffed grouse and other upland wildlife.

#### FOR MORE INFORMATION CONTACT

John Lockerbie  
133 Burpee Street,  
Fredericton, NB, E3A 1M6

[jlrgs@nbnet.nb.ca](mailto:jlrgs@nbnet.nb.ca)

Jeff Helsdon  
[jhelsdon@bellnet.ca](mailto:jhelsdon@bellnet.ca)

## TWS Memorabilia

As part of TWS’ 75th anniversary celebration, The Wildlife Professional is planning an article called “Attics and Basements: Historic Treasures from TWS Members.” We’re looking for quirky, fun, interesting memorabilia that TWS members have collected through the years, related to their work. For example, does anyone have a paper marked up by Aldo Leopold? An early GPS unit, radio collar, or other piece of classic wildlife equipment? A rare animal skin confiscated in a trafficking bust? Historic documents, tools, signed first-edition books, photographs, recordings, pins, skulls, garments, etc.? We’d like a photograph of the item and a brief explanation of its significance and when and how it was acquired. If you’ve got a submission, please email me ([LMoore@wildlife.org](mailto:LMoore@wildlife.org)) and please put “Memorabilia” in the subject line.

## UPCOMING MEETINGS & WORKSHOPS

### Ontario Biology Day

Ontario Biology Day, now in its 25th year, is an annual meeting where 4th year Honours undergraduate students from Ontario universities present the results of their research projects. It provides a great opportunity for biology students to meet students from other schools and to identify potential supervisors for graduate work. The meetings are hosted and organized on a rotating basis by a number of Ontario Universities. This year it will be held at Laurentian U in Sudbury

This event will be held over a weekend, **Friday March 16 to Sunday March 18, 2012**. There will probably be 4-5 concurrent sessions. The local organizers are Tom Fenske and me. It looks like the Friday mixer will be held at the new Living with Lakes Center (LLC), and probably the banquet on Saturday can be held there as well. For more information please contact:

Dr. David Law  
Associate Professor and Chair, department of Biology,  
Lakehead University: [dlaw@lakeheadu.ca](mailto:dlaw@lakeheadu.ca)

## 4th International Human-Bear Conflicts Workshop March 20-22, 2012 in Missoula, Montana

Building on the success of previous workshops, a 4th Human-Bear Conflicts Workshop will take place March 20-22, 2012 in Missoula, Montana. This workshop is organized and supported by many agencies and groups including the US Fish and Wildlife Service's grizzly bear and polar bear recovery programs; the Montana Department of Fish, Wildlife, and Parks; the Idaho Department of Fish and Game; the Wyoming Game and Fish Department; the National Park Service; the University of Montana; Counter Assault; the Safety in Bear Country Society; the Living with Wildlife Foundation, National Wildlife Federation, and People and Carnivores.

This is a professional development workshop for people who work to manage and prevent human-bear conflicts. The Workshop format is interactive and emphasizes group participation. The Workshop will include a limited number of formal presentations, extensive panel discussions, interactive workshops, equipment demonstrations, poster sessions, and specialized breakout groups. Participation in the discussions by attendees is not only encouraged but is crucial to the success of the Workshop. Experienced wildlife and human dimensions professionals will lead interactive discussions on topics such as: (1) proactive management to reduce conflicts; (2) demonstrations of new technology and best practices for managing bears; (3) effective community-based approaches; (4) effective communication and outreach strategies; (5) risk and liability concerns; (6) the efficacy of sport hunting as a tool to manage conflicts; and (7) management of habituated and/or food conditioned bears.

Informal breakout sessions for other topics such as diversionary feeding or aversive conditioning may take place in the evenings. There will be display and product demonstration opportunities for registered vendors.

Space is limited so those planning to attend should register soon. The Workshop will be held at the DoubleTree Hotel in Missoula, Montana. Visit the Workshop's website for more information and to register as an attendee, sponsor and/or vendor: [www.cfc.umt.edu/humanbearconflicts](http://www.cfc.umt.edu/humanbearconflicts).

## National Fish & Wildlife Conservation Congress



This first ever Canadian event will bring together fish and wildlife biologists, researchers, government leaders, policy makers and non-governmental conservation organizations from Canada and the U.S. in a forum dedicated to the protection and enhancement of healthy fish and wildlife populations.

### Hold these dates!

**National Fish & Wildlife Conservation Congress**

The Westin Ottawa  
Ottawa, Ontario, Canada

**May 27 to 31, 2012**

[www.nfwcc.com](http://www.nfwcc.com)



The Ontario Federation of Anglers and Hunters (O.F.A.H) and its partners are hosting Canada's first National Fish and Wildlife Conservation Congress at the Westin Ottawa, **May 27-31, 2012**. This first ever Canadian Congress will bring together leading fish and wildlife scientists, government leaders, federal, provincial, state and local fish and wildlife agencies, conservation organizations and anglers and hunters to participate in plenary sessions, workshops, discussions and debates about the future of fish and wildlife resources in North America.

The National Fish & Wildlife Conservation Congress will showcase contemporary fish and wildlife restoration programs such as Eastern elk, Atlantic salmon, wild turkey and lake trout, and will present the latest research, assessment and management techniques for species such as Sandhill cranes and walleye. Resolution of challenges that include wildlife and agriculture conflicts, fisheries and aquaculture, the threat of new diseases, the impact of alien invasive species and species at risk will also be a core focus of the Congress. The role of science versus public opinion in policy decisions that affect fish and wildlife, the need for governments on both sides of the border to address funding shortfalls and reinvestment in natural resources, the introduction of policy and legislative changes to address threats to fish and wildlife populations and core recognition of sustainable use as an essential principle of conservation will also be discussed.

For more information visit: <http://www.nfwcc.com/> or E-mail: [elizabeth@theprofessionaledge.com](mailto:elizabeth@theprofessionaledge.com)

## IV International Wildlife Management Congress

The Wildlife Society (TWS) and the Wildlife and Environmental Society of South Africa (WESSA) are proud to host the IV International Wildlife Management Congress (IWMC), to be held **July 9-12, 2012** at the Durban International Convention Centre in partnership with, South Africa National Parks, and EZEMVELO KZN Wildlife.

Previous International Wildlife Management Congress meetings, held in Costa Rica, Hungary, and New Zealand, have brought together diverse participants including representatives of global organizations, government officials, academics, non-governmental organizations, community-based organizations and other practitioners of wildlife research and management.

At the upcoming Congress—expected to be the biggest yet—attendees will engage with the theme “Cooperative Wildlife Management across Borders: Learning in the Face of Change.” Speakers, panels, and technical field trips will touch upon this over-arching idea, delving deeply into issues that include the human dimensions of wildlife management and conservation, recovery of endangered species, trans-border cooperation and conservation, climate change adaptation, habitat restoration and management, and professional development and training.

For more information, please visit the Congress website at [iwmc2012.org](http://iwmc2012.org). Check back frequently as the site continues to be updated with additional information on speakers, educational field trips, exhibitors, travel details, and more as well as sign-up for the IWMC Twitter feed at [twitter.com/#!/IWMC2012](https://twitter.com/#!/IWMC2012).

## 7th International Moose Symposium

The 7th International Moose Symposium will take place in Białowieża, Eastern Poland, **6-10 August 2012**. The Symposium is organized by the Mammal Research Institute of the Polish Academy of Sciences in Białowieża, Regional Directorate of State Forests in Białystok, Białowieża National Park, and Biebrza National Park. The tentative deadline for abstracts is 15 January 2012. More information is available at

<http://www.zbs.bialowieza.pl/moosesymposium>.



**MOUNT ALLISON UNIVERSITY**  
SACKVILLE, NB  
MAY 7 - 11 MAI, 2012

IMPORTANT DATES/DATES IMPORTANTES:  
ABSTRACT DEADLINE: 17 FEBRUARY 2012  
DATE LIMITE POUR LA SOUMISSION DE RÉSUMÉ: 17 FÉVRIER 2012  
EARLY REGISTRATION: 16 MARCH 2012  
DATE LIMITE POUR L'INSCRIPTION: 16 MARS 2012

**CSZ 2012 SECTION SYMPOSIA**  
**SYMPOSIUMS DE SECTION SCZ 2012**

CMD: "METAMORPHIC TRANSITIONS IN ANIMALS – AN EVOLUTIONARY DEVELOPMENTAL PERSPECTIVE"  
MDC: "TRANSITIONS MÉTAMORPHIQUES CHEZ LES ANIMAUX – UNE PERSPECTIVE ÉVOLUTIONNAIRE DÉVELOPPEMENTALE"

EEE: "RECRUITMENT VARIABILITY OF MARINE ANIMALS; CAUSES AND CONSEQUENCES"  
EEE: "VARIABILITÉ DE RECRUTEMENT DES ANIMAUX MARINS: CAUSES ET CONSÉQUENCES"

CPB: "ENVIRONMENTAL STRESSORS AND DEVELOPMENTAL PLASTICITY"  
BPC: "STRESSEURS ENVIRONNEMENTAUX ET PLASTICITÉ DÉVELOPPEMENTALE"

PIE: "PARASITISM, IMMUNITY IN THE AQUATIC ENVIRONMENT"  
PIE: LE PARASITISME, IMMUNITÉ DANS L'ENVIRONNEMENT AQUATIQUE

For more information, please contact  
Pour plus d'information contactez  
csz2012@mta.ca

Mount Allison UNIVERSITY [www.csz2012.com](http://www.csz2012.com) JOGGINS TRUST CLIFFS



**May 11 – 13 2012 @ McMaster University**  
Hamilton, Ontario

**Abstract Submission Closes: April 6, 2012**

### Plenary Speakers

Martin Daly – McMaster University  
Hans Hofmann – University of Texas at Austin  
Dustin Rubenstein – Columbia University

**Registration and Information at:**  
[oe3c.mcmaster.ca](http://oe3c.mcmaster.ca)



Department of Psychology,  
Neuroscience & Behaviour

**McMaster**  
Department of Biology



Provost and Vice-President Academic  
School of Graduate Studies • Alumni Association  
Associate Dean of Research • Faculty of Science  
Graduate Students Association

ISAE North American Regional meeting  
Banff Centre, May 11<sup>th</sup> – 12<sup>th</sup> 2012

2<sup>nd</sup> ANNOUNCEMENT



11<sup>th</sup> ISAE North American Regional Meeting  
May 11<sup>th</sup> – 12<sup>th</sup> 2012  
Banff conference centre, Alberta, Canada

We are pleased to invite you to the 11<sup>th</sup> North American Regional meeting of the International Society for Applied Ethology at the beautiful Banff centre, located in Banff National park, a UNESCO world heritage site in the Canadian Rockies. The meeting will open at 12:30pm on Friday May 11<sup>th</sup> and conclude at 6pm Saturday May 12<sup>th</sup>.

The Keynote speaker will be Dr. Katherine Wynne-Edwards, Professor of Comparative Endocrinology at the University of Calgary Department of Veterinary Medicine. Her work combines research on stress hormones and behavior. Her talk is titled 'Mass Spectrometry for multiple stress glucocorticoids in integrative, low-invasive, biological samples such as hair and feathers'.

**Accommodations:** Accommodations are available at the Banff Centre, or at other hotels located within Banff (the Centre is located approximately 1 km from the town). A block of rooms at the Centre has been reserved at special package rates of approximately \$135.00/night for standard, or \$145.00/night for superior rooms. To receive the Conference discounted room rates, be sure to indicate that you are attending ISAE Regional Meeting when making your reservations. Early booking is a must.

Banff Centre Reservations – Call 1-800-884-7574 (toll free in North America) or 1-403-762-6308

Regional Meeting Organizing Committee:

Jennifer Brown, Prairie Swine Centre [jennifer.brown@usask.ca](mailto:jennifer.brown@usask.ca)  
Maja Makagong, Michigan State University [makagom@msu.edu](mailto:makagom@msu.edu)  
Ed Fajor, University of Calgary [efajor@ucalgary.ca](mailto:efajor@ucalgary.ca)  
Yolande Seddon, Prairie Swine Centre [yolande.seddon@usask.ca](mailto:yolande.seddon@usask.ca)



**CALL FOR PRESENTERS!!!**

Deadline: March 23, 2012

**5<sup>TH</sup> BIENNIAL NORTHEASTERN TRANSPORTATION AND WILDLIFE CONFERENCE**

SEPTEMBER 9 – 12, 2012

JORDAN GRAND RESORT HOTEL & CONFERENCE CENTER

NEWRY, MAINE

Abstracts for oral presentations and posters are invited for the 5<sup>TH</sup> BIENNIAL NORTHEASTERN TRANSPORTATION AND WILDLIFE CONFERENCE.

**Meeting Theme: ROAD ECOLOGY IN ECONOMICALLY CHALLENGING TIMES**

At this time, regulatory and economic factors provide challenges to providing transportation infrastructure that has a reduced affect upon the surrounding landscape. The amount of deficient infrastructure exceeds the funds available so that modifications and strategies required by regulatory requirements get priority. This conference will discuss these challenges and show how agencies are meeting the challenge with the resources available.

**2012 Topic areas include:**

- **Regulatory** – ESA Section 7 Consultation requirements
- **Wildlife Mitigation** – Monitoring protocols, examples and results, (both wildlife and aquatic organisms)
- **Integrating strategies within the State and Provincial DOTs**
- **Integrating strategies with State and Provincial Resource Agencies and other NGO and Conservation partners**
- **Safety** – Collision reduction strategies
- **Economics Cost** – Effective (cheap) innovations
- **Passage strategies** – Habitat modifications Aquatic Organism
- **State wildlife strategies** – Initiatives
- **Road ecology planning strategies** – Integrating planning strategies into final design plans

## STUDENT AWARDS

### Warren Ballard memorial Scholarship

A scholarship has been established in Warren's name at Texas Tech University. Details will eventually be posted on the TTU Natural Resources Management departmental website but, briefly, the scholarship will be for graduate students who exemplify Warren's drive and commitment to the wildlife profession. Donations may be made via this web site: <http://www.give2tech.com/> (click on the Donate Online now link – Dr. Ballard's name currently appears at the bottom of the first list).

## EDUCATION LINKS

### The Wildlife Society Online Mentoring Program



TWS' Online Mentoring program is a great way to build professional relationships that will help advance a student's or young professional's career, while gaining knowledge from a wildlife professional. Already a professional? We are always looking for mentors to volunteer. It is easy to sign up, just go online to our [Online Mentoring Program](http://www.mentor.wildlife.org) with your TWS Member ID number and register. Canadian Students and Mentors welcomed!

## Student Communication Network

See what TWS students are talking about. Go to <http://sdwgtws.ning.com/> and check out the new Official Student Communication Network of TWS. Sign up, get involved, and spread the word! See you on the OSCN!



## JOBS IN WILDLIFE

### Population Ecologist

BL3 Biologist 3, Regular/full-time  
Manitoba Conservation and Water Stewardship  
Wildlife and Ecosystem Protection, Programs Division  
Winnipeg MB

Advertisement Number: 25612

Salary(s): BL3 \$58,977.00 - \$74,525.00 per year

**Closing Date: March 19, 2012**

Preference will be given to Aboriginal people, visible minorities, persons with disabilities, and women. Applicants must have Canadian Citizenship or Landed Immigrant status.

**Duties:** The purpose of this position is to conduct statistical analyses of population data for wildlife management purposes, to develop and conduct computer simulations of wildlife populations, to develop and implement database systems for wildlife population data and to provide advice and assistance to section manager and other department wildlife staff.

#### Apply to:

Advertisement # 25612  
Civil Service Commission  
Human Resource Services  
360-1395 Ellice Avenue  
Winnipeg MB, R3G 3P2  
Phone: 204-945-7182  
Fax: 204-948-2841  
Email: [conshr@gov.mb.ca](mailto:conshr@gov.mb.ca)

Please insert the advertisement number and position title into the subject line of your e-mail.

**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)



### Graduate and Postdoctoral Positions Impacts of Nanosilver on a Lake Ecosystem

We are seeking several highly motivated graduate students and/or postdoctoral fellows to participate in a whole-lake experiment involving the addition of nanosilver and the assessment of its fate and effects on lake food webs at the Experimental Lakes Area in northern Ontario (<http://www.experimentallakesarea.ca/>). The graduate positions will be based at Trent University in Peterborough, ON as part of the Environmental and Life Sciences Graduate Program (<http://www.trentu.ca/eis/>) or at the Department of Biology at the University of Manitoba in Winnipeg, MB (<http://www.umanitoba.ca/Biology/>). This is a highly interdisciplinary project and interested candidates should have a background in one or several of the fields of ecology, limnology, environmental science, toxicology, analytical chemistry or environmental chemistry. Candidates should be able to work as part of a large team, and willing to conduct research in both the field and in the laboratory.

The positions would ideally begin between January and May, 2012. The graduate positions are intended to be funded at the Ph.D. level but we will consider exceptional M.Sc. candidates. For consideration, please send to the appropriate contact below (e-mail is preferred): a letter of intent, a statement of interests, a c.v., and the contact information for 3 references.

- 1) **Speciation and fate of nanosilver in lake ecosystems.** This part of the project will focus on determining the distribution of silver in nano-form, dissolved ionic species and insoluble complexes in water and sediments. Candidates should have a solid background in analytical techniques (e.g. ICP-MS) and/or the use of predictive models for speciation of metal ions. Contact Dr. Holger Hintelmann ([hintelmann@trentu.ca](mailto:hintelmann@trentu.ca)) and/or Chris Metcalfe ([cmcalfe@trentu.ca](mailto:cmcalfe@trentu.ca)).
- 2) **Effects of nanosilver on trophic interactions.** This portion of the project will assess the ecological impacts of nanosilver addition on the ecology of lake food webs. An interest in zooplankton and/or the benthos would be desirable. Contact Dr. Paul Frost ([paulfrost@trentu.ca](mailto:paulfrost@trentu.ca); <http://people.trentu.ca/paulfrost>).
- 3) **Stress in fish in response to nanosilver addition.** This work will focus on assessing the impacts of nanosilver additions on fish in terms of their population dynamics, body condition and bioenergetics, as well as biomarkers of stress. Contact Dr. Mike Rennie ([Michael.Rennie@dfo-mpo.gc.ca](mailto:Michael.Rennie@dfo-mpo.gc.ca); [web page](#)) and Dr. Chris Metcalfe ([cmcalfe@trentu.ca](mailto:cmcalfe@trentu.ca)).
- 4) **Food web and ecosystem responses to nanosilver addition.** This portion of the project will determine how lake food webs and ecosystem function (e.g., decomposition, nutrient cycling, primary production) change due to the addition of nanosilver. Contact Dr. Marguerite Xenopoulos ([m Xenopoulos@trentu.ca](mailto:m Xenopoulos@trentu.ca); <http://people.trentu.ca/mxenopoulos>).

## WHO'S WHO IN THE SECTION

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## EDITORS

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**Website:** Matt Dyson & Kathreen Ruckstuhl

# Canadian Section of The Wildlife Society

## 2012 Membership Renewal/Application

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The Canadian Section of The Wildlife Society invites you to renew your membership for the new year. We would also like to encourage wildlife professionals and students alike who are not current members to join now. To join or remain a member for 2012, please fill out this application form and mail along with your dues to the address below. You also have the option to join the Canadian Section when you renew your membership through the Parent Society.

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

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

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

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

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

Please make payment out to: Canadian Section of TWS

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

Executive Board  
Conservation Affairs Committee  
Education Committee  
Membership Committee  
\_\_\_\_\_

Please mail membership form and dues to:

Canadian Section of The Wildlife Society  
% Marci Trana  
80 Thatcher Drive  
Winnipeg, MB R3T 2L3

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