



## 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"*

# Newsletter

June 2013

Vol. 6, No. 3

## PRESIDENT'S MESSAGE

*Evelyn Merrill, CSTWS President,  
Professor, Department of Biological Sciences,  
University of Alberta, Edmonton, Alberta*



The summer is a busy time for all of us. I just had the good fortune to spend time with my graduate student, Jodi Berg, and her crew in the field trying to figure out why there are so few calves in the Ya Ha Tinda elk population near Banff National Park -- and it seems due to losses mostly during the summer. On the first mortality I went in on, the grizzly bear scat was still steaming. It made me remember that life is tenuous (me and a poised can of bear spray and the bear never did meet) and we cannot take it for granted. On that front, the Section's well wishes went out to Simon Slayter, who was seriously hurt but is now recovering at home, and the family of Kristina Norstrom, who died in a helicopter crash during caribou surveys in northern Alberta several weeks ago. Both Simon and Kristina were Alberta ESRD biologists and members of our professional wildlife community at large. I urge you to visit the Alberta Chapter of The Wildlife Society's website if you would like to support their initiatives for those members of their Chapter and the pilot, who also died.

This summer the Executive Board so far has been catching up on house-keeping items like projected

budgets, new drop box organization, updating the website (which moved over to a new TWS server), looking into alternative on-line registration systems, finalizing annual reports, and passing the Awards Committee terms of reference. There have also been changes. Karla Guyn is now Chair of the Education Committee on top of her other duties. With the help of Meagan Hainstock and her Education Committee she will be continuing the excellent webinar series that Art Rodgers spearheaded over the past few years. We are looking forward to hearing more about this series starting in the fall. If you have ideas or the expertise to provide a webinar of interest to the membership, please get in contact with Karla. I also urge you to keep up with the latest wildlife issues going on across Canada. Summaries and links are put together weekly by Art Rodgers and posted on the website under the tab "Canadian Wildlife News". Let us know if you would interested in having these sent to you via email each week and if there is interest, we will figure out how.

We now have over 330 members but we are not stopping there! A new initiative for membership recruitment is the design of a Canadian Section membership brochure, which will succinctly explain why you will want to become a member of the Canadian Section and The Wildlife Society! This is one of our efforts for continuing to retain past and recruit new members. Membership drives are often challenging and Jenn Sheppard and I welcome any creative ideas and involvement by energetic members. We have also been discussing how to target students as they graduate and move to new positions.

The Section also recently made a contribution of \$500 to support the activities of TWS's Leadership Institute. The Leadership Institute provides a select group of promising TWS members in the early stages of their career with basic leadership training that will prepare them to move into leadership positions, both in their workplace and in TWS. Two Canadian Section members were selected to participate in the Institute's activities this year—our hats

go off to Jonathan Wiens, Habitat and Mitigation Biologist in the Manitoba Conservation and Water Stewardship program, and Agnès Pelletier, Research Associate at Trent University in Ontario.

Thinking to the near future...don't forget that registration is open and the deadline for abstract submission is upon us for the Annual TWS Meeting 5-10 October in Milwaukee, WI. **Students** remember the Canadian Section has **travels awards** available both to the Annual TWS meeting and the Canadian Section AGM so apply and take advantage of the opportunities that these meetings provide you! And don't forget that the TWS Annual meeting in Winnipeg MB in 2015 is not that far off!



## CANADIAN SECTION REPRESENTATIVE'S REPORT



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

As I mentioned in the last newsletter, the Leadership Institute reached their fundraising target and will be able to offer the program again this year. We were very pleased to hear that Agnès Pelletier (Research Associate, Trent University, Ontario) and Jonathan Wiens (Habitat Biologist, Government of Manitoba) were among those chosen by the committee for this year's class and will be the first two Canadians to participate in the Leadership

Institute program. We look forward to hearing about their experiences and hope their success will encourage more young Canadians to participate in the future.

Over the last couple of months several of the ad hoc committees I serve on (Committee on the Deer Breeding Issue, Committee to Increase Impact of Government Affairs Activities and the TWP Editorial Advisory Board ad hoc Committee) have been very active as they prepare and finalize their reports for the fall TWS Council meeting. TWS Council has also been voting on a number of issues and awards. Council unanimously approved an amendment to the bylaws put forward by the Bylaws Subcommittee that will facilitate electronic voting. The amendment will now move forward for voting by the membership on the next ballot. Council has also been reviewing nominations and voting on the Group Achievement Award, Honorary Membership and Special Recognition Service Awards. Once again I am very pleased to tell you that another great Canadian will be among the recipients of one of these prestigious TWS Awards. Having said that, I know we can do even better next year!

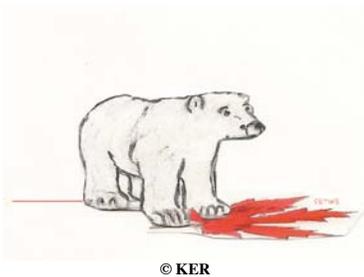
Speaking of voting, electronic voting for the TWS annual election is open until July 13 at [http://wildlife.org/election/election\\_tws\\_2013/index.cfm](http://wildlife.org/election/election_tws_2013/index.cfm), so if you are a member of the parent society go online and cast your vote for TWS Vice-President before the deadline. Candidate profiles are available at <http://news.wildlife.org/the-wildlifer/the-wildlifer-2013-march/meet-the-candidates/>.

And, while you are online, check out the new and completely redesigned Member Portal at <http://wildlife.force.com/> - if you are a member of the parent society, you should have received an email in the last few weeks with a temporary password – if you did not, you can retrieve a temporary password on the site. TWS staff are very excited about this new member service that will allow you to access publications, update your membership, and participate in discussions. The new Member Portal will also be used to register for The Wildlife Society Annual Conference.

Which reminds me, registration for The Wildlife Society 20th Annual Conference is now open through the TWS Member Portal. The conference is taking place October 5-10 at the Wisconsin Center in Milwaukee, Wisconsin. Register now and you will save money with the early registration discount. In addition, when you register by July 31, you will be eligible to receive one of five Kindle Fire HD Tablets. Students should also start looking into the availability of travel grants for TWS student members presenting a technical paper or poster at the Society's Annual Conference from both the Canadian

Section ([http://wildlife.org/Canada/student\\_travel](http://wildlife.org/Canada/student_travel)) and the parent society (<http://wildlifesociety.org/calls/call-for-student-travel-grants/>). Hope to see you in Milwaukee!

Lastly, I'd like to extend my personal condolences to the family, friends and colleagues of Kristina Norstrom, a biologist with Alberta Environment and Sustainable Resource Development, and a member of the Alberta Chapter and the Canadian Section of TWS. I also want to wish Simon Slater, who is recuperating from injuries sustained in the helicopter accident, a full and speedy recovery. Ours is a risky profession and tragedy can strike unexpectedly. Yet, we continue to do it, not for fame and fortune, but because we believe the work we do will make a difference and help conserve our natural resources for all. Kristina and Simon were doing what they loved for all our benefit and they deserve our respect and gratitude. Words may help, time may heal, but the scars will last forever. So, before you go anywhere, make sure your loved ones know your feelings for them and give them a big hug – do it now.



## CANADIAN SECTION NEWS & ANNOUNCEMENTS

The 2015 TWS conference in Winnipeg now has its official conference logo, which we will insert throughout the newsletter. What a beauty!! More updates on the conference will follow in the next



newsletter.

## CHAPTER NEWS

### Tragic loss

#### In Loving Memory Of Kristina Kara Norstrom

Kristina was born September 11, 1973 in Calgary, Alberta. She passed away on May 29<sup>th</sup>, 2013, doing the work she loved.

Kristina believed in our environment and loved everything that surrounded her. She saw beauty in everything and everyone. She could identify numerous species of frogs and birds and could identify them the moment she heard them sing. She loved to pass this knowledge on. She lived her dream as a Wildlife Biologist. She loved her friends and animals and had a special place in her heart for all of them.

Kristina worked for Alberta Sustainable Resource Development as a Wildlife Biologist for the Government of Alberta. She loved her work and her colleagues.

Kristina graduated from the U of C in 1995 with a Bachelor of Science Degree (Honors). Major – Ecology, Minor – Geography. Graduated from Capilano College (BC), Post Baccalaureate Program, Environmental Sciences. She had many courses and certificates to advance her knowledge base including a GPS Certificate. She had a thirst for knowledge and continued to learn with every project she took on.

Kristina is survived by her Father, Orville, Mother Linda, Sister Carin and her Grandmother Anna (95) she will be missed by numerous Aunts and Uncles, Cousins, many Friends and Colleagues.

Her dog Maddy will miss her and the wonderful walks and car rides and loving hugs she got from Kristina. Her cats Stevie and Rocky and her collection of strays will be missing the loving cuddles she gave them.

Kristina we miss you and we will always hold our memories of your beautiful spirit close to us. Until we meet again.

In lieu of flowers – donations can be made to the Alberta Institute for Wildlife Conservation – Box 68 Madden, AB, T0M 1L0 [www.aiwc.ca](http://www.aiwc.ca) or any charity of your choice that supports either domestic animals or wildlife.



**Simon Slater Recovery:** Simon who was also in the helicopter crash is currently recovering at home with his family. Simon is not yet comfortable lying flat on his back so they have brought in a hospital bed.

The UofA hospital took some additional xrays and determined that his collarbone was not fractured. Rather, he has a separated shoulder and will be in a sling for 6-8 weeks before he begins physio for that injury, and probably a few weeks before physio for other injuries is possible. He is using a cane to assist with walking, and attended convocation for his Masters (June 12) in a wheel chair. Simon has been standing and working on his walking a bit more each day. Most importantly, Simon is in very good spirits, and has said he's feeling much stronger and enjoying solid food again. He is looking forward to receiving visitors in the near future (likely next week) and was very appreciative of the efforts ESRD made to support his family. We wish him all the best and a full recovery.

For more information on the tragedy please visit:  
<http://joomla.wildlife.org/alberta/>

### Save the Date

*Attention!* The next CSTWS AGM meeting will be held in Quebec city, March 28-30, 2014. The meeting is being organized by Darren Sleep (currently President Elect CSTWS), Orphé Bichet (President Laval Student chapter) and students from the Université de Laval Chapter. More details to come in upcoming newsletters.

## UPCOMING MEETINGS & WORKSHOPS

### Get Ready for ICCB 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.



### Advanced MARK Workshop

August 5-8, 2013. CSU - Ft. Collins, CO  
**Description:** This workshop should not be confused with a beginner or intermediate MARK workshop. Knowledge of, and experience in using, Program MARK is assumed. Attendees should have previous MARK experience through a class or workshop. Attendees should have some level of mastery of the topics in Chapters 1-7 of “Program MARK – a Gentle Introduction” as well as familiarity with numerous mark-recapture models. Attendees should use Program MARK regularly. This workshop will focus on topics and models that are not well covered in beginner and intermediate workshops and/or that are not well documented in terms of application. Below is a tentative

list of topics that will be covered, with the names of major presenters. Advanced Occupancy Modeling (Larissa Bailey) Advanced Multi-state Modeling (Bill Kendall) Variance Components and MCMC (Evan Cooch & Ken Burnham) Mark Resight Models (Brett McClintock) Accommodating and Estimating Heterogeneity (mixture models, individual random effects) (Gary White & Evan Cooch) Density Estimation (Jake Ivan & Gary White) Open Model Estimation (Gary White & Bill Kendall) R-Mark (Brett Collier) **Format** of the workshop will be a combination of lectures and computer lab exercises (participants will be expected to bring their own laptop computers). The workshop would start on Monday morning, August 5, 2013, and end Thursday late afternoon (with some time during Friday afternoon to address specific user questions for people who are able to stay). Evening sessions would be provided as needed to elaborate on any material, but will be convened on demand only. **Cost:** Projected cost for the workshop will be \$700 per person. This does not include costs for travel to/from Ft. Collins, or local hotel accommodations. Seats still available. For further details (as they develop), see <http://www.phidot.org/advanced-workshop/>

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## 2013 Conservation Affairs & Subunit Leadership Workshop

The 2012 Conservation Affairs & Subunit Leadership Workshop in Portland, Oregon was a success with about 25 officers in attendance. The jam packed curriculum gave each attendee necessary tools to maximize their roles as current or future officers within a TWS subunit.

We will be hosting the 2<sup>nd</sup> Annual Conservation Affairs & Subunit Leadership Workshop again at TWS's annual meeting in Milwaukee, Wisconsin. Please circulate the attached Save The Date and draft agenda to interested members within your subunit that you would like to recruit into an officer role.

This year's workshop will be on Saturday, October 5<sup>th</sup> from 8:00am to 5:00pm (lunch provided!). The first half of the day will focus on TWS publications and communications, Government Affairs, and roles and

responsibilities of an officer. The afternoon is broken into two 2-hour sessions on team building and management and on strategic planning.

Please consider participating in this year's workshop. Space is limited! Sign up when you register for the annual conference today!

All the best, Terra & Katie

**Terra Rentz, AWB**

*Deputy Director, Government Affairs & Partnerships*

The Wildlife Society

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## Early Announcements



### FIRST CALL FOR PAPERS 11<sup>th</sup> National Wild Turkey

### Symposium January 2016, Tucson, AZ

The National Wild Turkey Symposium seeks original research and synthesis papers on the ecology and

management of wild turkeys for presentation at the Symposium and publication in the Proceedings. The Symposium occurs every 5 years and brings together state, federal and private wild turkey researchers, land managers, and enthusiasts to exchange ideas relative to ensuring sustainability of the wild turkey resource.

Contributed papers will be peer-reviewed. Submissions can include presentation of original results, case studies, and review articles of pertinent topics. The proposed areas of emphasis for the Symposium include: understanding the future of wild turkey habitat; delivery of science to affect policy; science behind hunter recruitment and retention; and maintaining sustainable wild turkey populations.

**Process:** Authors are asked to submit an abstract by **20 September 2013**. The abstract is limited to 300 words, not including the title, author(s), and author(s) affiliation(s). The abstract must include contact information for the corresponding author. Submit abstracts to: [darren.miller@weyerhaeuser.com](mailto:darren.miller@weyerhaeuser.com) with "Wild Turkey Symposium abstract" in the email subject

line. An Editorial Board will review all submitted abstracts and authors of selected abstracts will be asked to submit a full manuscript for consideration. Authors of accepted manuscripts are expected to present their work at the Symposium in Tucson. The Proceedings will be available at or soon after the Symposium.

#### Key Dates:

- Abstracts due Sept. 20, 2013
- Manuscripts invited Nov. 15, 2013
- Initial manuscripts submission due Aug. 8, 2014

For more Information: Please direct questions to the Symposium Editor: Dr. Darren A. Miller, Weyerhaeuser Company, P.O. Box 2288, Columbus, MS, 39704; (662) 245-5249; [darren.miller@weyerhaeuser.com](mailto:darren.miller@weyerhaeuser.com).

Please feel free to distribute this Call for Papers to appropriate contacts.

### “Raptors of the Northwest Symposium” February 5-7, 2014

After the successful “Western Raptor Symposium, held in conjunction with The Wildlife Society’s (TWS’s) Western Section Annual Conference in Riverside, CA in 2011 (almost 200 attendees), I was asked by TWS to explore a similar symposium focused on the Northwest. It is my pleasure to announce and describe the “Raptors of the Northwest Symposium” to be held in conjunction with the 2014 Annual Meeting of the Washington Chapter of TWS and the 4th International Burrowing Owl Symposium. The specific dates for the Raptors of the Northwest Symposium are February 5-7, 2014; although, the other above events will overlap and/or extend past these dates. The venue will be the Red Lion, in Pasco, WA, which is ¼ mile from the Pasco Airport.

The geographic areas to be focused upon during the symposium are the NW U.S. states, including Alaska, and the Western Canadian Provinces. The habitats will, primarily, be the forested and shrub-steppe biomes; although, this is not fixed. The topical target will be the critical challenges to raptor conservation and management and relating research to those needs. Both diurnal and nocturnal birds of prey will be included. Specific topics that have been suggested thus far include:

- Urban growth/habitat loss
- Disturbance
- Mitigation
- Transportation infrastructure
- Limited funding
- Climate change
- Forestry/timber issues
- Migration and Dispersion

- How to effectively link research finding to management practices

Green energy is, clearly, an extremely important issue in the west but one that deserves its own symposium. Therefore, other than an overview paper, this subject will not likely be addressed. We want there to be widespread and diverse geographical and organizational involvement and support from as many agency, academic, and NGO sectors as possible; so if you have suggested contacts, we would welcome them, of course.

Jeffrey L. Lincer, Ph.D.  
Symposium Organizer  
[JeffLincer@gmail.com](mailto:JeffLincer@gmail.com)

## JOBS IN WILDLIFE



Opportunité de projet de maîtrise

### Évaluation des effets de l'aménagement écosystémique sur le caribou de la Gaspésie et son habitat



La population de caribou de la Gaspésie, isolée au sud du fleuve Saint-Laurent, est considérée en voie de disparition depuis 2000 et a récemment été identifiée comme l'une des 12 populations significativement distinctes à conserver à titre d'élément de biodiversité irremplaçable au Canada. Elle est aujourd'hui estimée à ~110 individus et depuis quelques années le recrutement annuel est inférieur à la cible d'autosuffisance. Malgré cela, très peu d'études ont été réalisées afin de mieux comprendre l'écologie de cette population. En parallèle, le ministère des Ressources naturelles du Québec (MRN) a récemment amorcé un virage vers l'aménagement écosystémique qui s'appuie sur des pratiques sylvicoles alternatives telles que les coupes à rétention variable; le caribou de la Gaspésie apparaît comme une espèce indicatrice unique permettant d'en évaluer l'efficacité.

Avec différents partenaires, l'Université du Québec à Rimouski (UQAR) coordonne depuis quelques années un programme de recherche visant à étudier cette population. Notre équipe est composée de **Martin-Hugues St-Laurent** (UQAR – Laboratoire de gestion de la faune terrestre), **Fanie Pelletier** (U. Sherbrooke – Chaire de recherche du Canada en démographie évolutive & conservation), **Chris Johnson** (UNBC – Natural Resources & Environmental Studies Institute), **Luc Sirois** (UQAR – Chaire de recherche sur la forêt habitée) et **Julien Mainguy** (MDDEFP – Direction de l'expertise sur la faune et ses habitats).

Nous sommes à la recherche de candidat(e) intéressé(e) à débiter le projet suivant :

- 1) **Maîtrise: Évolution du couvert forestier dans l'habitat du caribou de la Gaspésie au cours des dernières décennies.** Début en septembre 2013 ou janvier 2014 à l'UQAR; directeur : M.-H. St-Laurent, co-directeur : L. Sirois.

#### Exigences :

- Être **très motivé** et **déterminé** à mener à terme des études graduées et à **publier ses travaux**;
- Maîtriser le français et avoir des connaissances suffisantes de l'anglais (lire et si possible écrire);
- Aimer le **travail en équipe** et être ouvert à la **collaboration**;
- Avoir de l'expérience en analyses statistiques (R) et géomatiques (ArcGIS) est un atout important;
- Avoir un **bon dossier académique**. Si ce n'est déjà fait, des demandes de bourses au FQRNT, au CRSNG et au programme EnviroNord devront être soumises dès l'automne 2013. L'obtention d'une bourse n'est toutefois pas considérée essentielle à l'acceptation de votre candidature.

**Procédure :** Si vous êtes intéressé(e) ou désirez obtenir des précisions sur certains projets, envoyez votre CV (avec les coordonnées téléphoniques et le courriel d'au moins 2 références), un relevé de notes et une lettre de motivation expliquant quel projet vous intéresse **avant le 24 août 2013** à :

Martin-Hugues St-Laurent, Université du Québec à Rimouski ([martin-hugues\\_st-laurent@uqar.ca](mailto:martin-hugues_st-laurent@uqar.ca))  
(page web : <http://www.uqar.ca/biologie/professeurs/st-laurent-martin-hugues/>)





**Opportunité de projet de maîtrise en écologie animale**

**Détermination des impacts respectifs de la perte et de la fragmentation de la forêt mature sur l'écologie spatiale des grands mammifères**

Dans le cadre de mon programme de recherche traitant des impacts des perturbations anthropiques sur la faune, je suis à la recherche d'un(e) candidat(e) intéressé(e) à débiter une maîtrise visant à déterminer et quantifier les impacts respectifs de la perte et de la fragmentation de la forêt mature sur l'écologie spatiale des grands mammifères en utilisant des outils tels que la sélection d'habitat, l'utilisation de l'espace et la simulation de paysages.

Le changement de paradigme qui sous-tend le régime forestier québécois vise à réduire l'importance de la conversion des forêts matures en jeunes forêts, et a résulté en une grande variabilité de taille, forme et configuration des forêts matures résiduelles ainsi que des parterres de coupes. Ces matrices de paysages aménagés voient donc s'opérer différentes intensités de perte et de fragmentation des forêts matures, et peu d'études se sont intéressées à en distinguer les impacts respectifs, particulièrement sur les grands mammifères. Ce projet de maîtrise s'articule autour de bases de données issues du suivi télémétrique de caribou forestier (*Rangifer tarandus caribou*) et de ses principaux prédateurs, soit le loup gris (*Canis lupus*), l'ours noir (*Ursus americanus*) et le coyote de l'est (*Canis latrans*), entre le Saguenay – Lac-Saint-Jean, la réserve faunique des Laurentides, le Bas-Saint-Laurent et la Gaspésie.



Le (ou la) candidat(e) retenu(e) sera inscrit(e) à l'Université du Québec à Rimouski, sera supervisé(e) par Martin-Hugues St-Laurent (UQAR, laboratoire de gestion de la faune terrestre) et profitera de l'expertise de précieux collaborateurs du Ministère du Développement durable, de l'Environnement, de la Faune et des Parcs du Québec (Christian Dussault, Direction de l'expertise sur la faune et ses habitats, et Claude Dussault, Direction de l'expertise Énergie-Faune-Forêts-Mines-Territoire du Saguenay-Lac-Saint-Jean).

**Exigences :**

- Être **très motivé** et **déterminé** à mener à terme des études gradués et à **publier ses travaux**;
- Avoir de l'expérience en analyses géomatiques (ArcGIS) et en statistiques (SAS, R) est un atout;
- Maîtriser le français et avoir des connaissances suffisantes de l'anglais (lire et si possible écrire);
- Aimer le **travail en équipe** et être ouvert à la collaboration; il n'y a pas de travaux de terrain prévus pour ce projet, mais l'étudiant(e) pourra prendre part aux travaux d'autres étudiants pour passer quelques semaines sur le terrain, dans les diverses aires d'études du laboratoire.
- Avoir un **bon dossier académique**. Si ce n'est déjà fait, des demandes de bourses au FQRNT (date limite : 3 octobre 2013) ou au CRSNG (date limite : 15 octobre 2013) devront être soumises cet automne. **La priorité sera donnée aux étudiants boursiers pour ce projet de recherche mais il ne s'agit pas d'un incontournable.** L'entrée en fonction est souhaitée en septembre 2013 ou janvier 2014.



**Procédure :** Si vous êtes intéressé ou désirez obtenir des précisions sur certains projets, envoyez votre CV (avec l'adresse postale et le courriel d'au moins 2 références), un relevé de notes et une lettre de motivation expliquant quel projet vous intéresse **avant le 24 août 2013** à :

**Martin-Hugues St-Laurent**, Université du Québec à Rimouski (martin-hugues\_st-laurent@uqar.ca) (page web : <http://www.uqar.ca/biologie/professeurs/st-laurent-martin-hugues/>)

TRANSCRIPTOMICS·PHYSIOLOGY·EVOLUTION

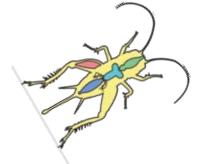


**PhD Positions: Fall 2013/Spring 2014**  
**Invertebrates at low temperatures**  
**at the University of Western Ontario**

Several projects are currently available in the Sinclair lab:

- Mechanisms & evolution of insect freeze tolerance
- Evolution of cold tolerance in an invasive snail
- Novel molecules in insect cold tolerance

- Conference travel
- International network of collaborators
- Outstanding facilities
- Vibrant intellectual and social environment
- Guaranteed stipends for qualified applicants



For more information,  
**Contact: Dr. Brent Sinclair**  
[bsincla7@uwo.ca](mailto:bsincla7@uwo.ca)  
[publish.uwo.ca/~bsincla7/](http://publish.uwo.ca/~bsincla7/)



*This position is open to Canadian Citizens or Permanent Residents with a strong background in any area of Biology and an interest in insects. Exceptional international students are also encouraged to contact Dr. Sinclair Before August 31 2013.*



**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)



**A beaver at work...**



## WHO'S WHO IN THE SECTION

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## 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:

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Please mail membership form and dues to:

Canadian Section of The Wildlife Society  
% Jenn Sheppard  
P. O. Box 248, Prud'homme, SK, S0K 3K0

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If you have any questions please feel free to contact Jenn Sheppard by phone (306 654-2040) or email ([sheppard15\\_j@hotmail.com](mailto:sheppard15_j@hotmail.com))