



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"

April, 2012

Vol. 5, No. 2

PRESIDENT'S MESSAGE

Hello Everyone!

Spring is almost here, in Alberta! The snowy owls have come...and gone. Yes, it's mid-April but we will still get the odd snowstorm mixed in with fairly warm weather until the end of May!

The Manitoba chapter and members of the Canadian Section have been busy in the past two months sending out nominations for TWS fellowships, recognitions, etc, continuing with preparations for the TWS meeting in Winnipeg in 2015, and various committee and other activities, which I'll touch on in more detail below.

Rick Baydack's term as Canadian Representative to TWS Council will terminate this year (October) and we nominated 2 people and forwarded their names to TWS. The results will be announced later on in the year. Matt Dyson, currently the President of the UNBC Student Chapter, has taken over most of the CS Webmaster duties and has done an excellent job of it. If you have job announcements or other contributions that you'd like him to post, please get in touch with him (mattith_010@hotmail.com) or me (kruckstu@ucalgary.ca).

As you are likely aware the Honourable Minister Keith Ashfield was in the media last month because of a media leak on suspected changes to the Canadian Fisheries Act. The Canadian Section and many other interest groups wrote to the ministry of Fisheries and Oceans to voice their concerns. Darren Sleep, the Chair of our Conservation Affairs Committee, drafted an excellent letter, which I co-signed with Dr. Paul Krausman (President, TWS). A few days after sending the letter, I received a phone call from the Minister's office in which I was asked to set up a phone meeting with the Minister. The Minister assured me that there had been no changes made but that they are

seeking input and expert advice on how best to approach the issue. We hope to have our Conservation Affairs Committee involved in the process.

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. After much consultation with a couple of our chapters we've decided to host our next AGM in conjunction with the Alberta Chapter in March 2013. The Alberta Chapter is extremely keen and thrilled to co-host the meeting. We'll of course be thinking about hosting a student conclave similar to the one we had at our AGM in Thunder Bay, Ontario, last year. Thank you to the Alberta Chapter for their willingness and enthusiasm!

Greetings, Kathreen Ruckstuhl



CANADIAN SECTION REPRESENTATIVE'S REPORT



'Baydack's Banter'

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

75 years and counting! The Wildlife Society has achieved that distinction this year, and you may have been noticing that a variety of actions are being undertaken to celebrate this historic occasion. For example, each issue of *The Wildlifer* in 2012 will contain articles on the history of the Society; special features will be included in all 2012 volumes of *The Wildlife Professional*; a number of celebratory events will take place at the Annual Conference in Portland, and a new TWS Distinguished Service Award has been created to recognize deserving members of our Society. Of course all of the great work of TWS could not have been accomplished without the dedicated commitment of its members. Almost 11,000 strong and growing every day.

Of course with increasing membership comes increasing requirements for the Society. As The Wildlife Society has grown, so has the size and breadth of its programs and services. Currently, TWS is facing challenges in generating the funding it needs to maintain or expand its current programs and explore new opportunities for organizational growth and service. Therefore, we need additional funding to maintain the Society's programs, services, and opportunities. A possible source that Council has been investigating is to allow companies/organizations to use TWS's logo accompanied by a statement indicating that the company is a proud sponsor of TWS, or similar wording, on product packaging or websites, in exchange for a financial contribution. In such an arrangement, TWS would make it clear that no endorsement of a product was being made, only that the company/organization has made a financial contribution to TWS. To pursue this option, specific guidelines for the use of TWS's logo would be developed. As this is a significant new approach for TWS relative to fund-raising, TWS Council is actively seeking input from members to understand your views on this possible approach to funding. Your input is valued and appreciated. Please contact me (Baydack@cc.umanitoba.ca) to let me know your perspectives on this important issue.

And finally, you will soon be receiving your ballot from The Wildlife Society electronically or by mail for the upcoming elections to Council. My second term as Canadian Section Representative will end at the Portland Conference, and we will then be ably represented by either Jim Allen from Alberta or Art Rodgers from Ontario who have been nominated as my replacement. You can 'Meet the Candidates' by going to The Wildlife Society website and clicking on the March 2012 edition of *The Wildlifer*. And when you do that, you will see that I hope that my days on Council will not be ending, as I have accepted the nomination for Vice-President of The Wildlife Society. That position is a 4-year commitment that progresses to President-Elect, President, and Past-President of TWS. I of course would very much appreciate your support for election to this important position, and will strive to put forward the needs of Canadian wildlifers in future decision-making of our organization. So please be sure to cast your ballot, since your input is what will continue to make The Wildlife Society strong. Onward!.....



Update from The Wildlife Society Headquarters

March 2012

The Wildlife Society Partners to Sponsor National Lobby Day—The Teaming With Wildlife coalition, consisting of more than 6,300 organizations including TWS, took to the halls of Congress for its annual "Fly-In" to secure financial support for the State and Tribal Wildlife Grants program (SWG). The effort, which took place on February 28-29, brought participants from 23 states, many of whom were TWS members, to advocate for federal funding for state-implemented non-game wildlife science and management. Participants met with Dan Ashe, Director of the U.S. Fish and Wildlife Service (FWS) and attended an advocacy training workshop with many outstanding guest speakers representing environmental organizations and state agencies.

Upcoming Wildlife Professional Release—The summer issue of *The Wildlife Professional* will feature a special package on the challenges and complexities of managing invasive species as well as a handful of articles on wildlife management issues around the world that will tie in to the upcoming International Wildlife Management Congress in Durban, South Africa. We'll also feature articles on a wide variety of wildlife-related topics, including tools to measure feral cat behavior and acoustic research to study marine mammals. The summer issue of the magazine will mail the second week of June.

New TWS Distinguished Service Award

International Wildlife Management Congress Registration—Earlybird registration for the IV IWMC closes March 31, 2012 (<http://iwmc2012.org>). The conference will take place in Durban, South Africa on July 9-12. The IWMC theme is Cooperative Wildlife Management across Borders: Learning in the Face of Change. South Africa is an ideal venue because of the numerous examples of exemplary practices in wildlife management and the human capacity for building innovations ranging from adaption of scientific developments to community-based natural resource management and empowerment programs to share in the global forum. The IV IWMC 2012 in Durban, South Africa will be informative, exciting, and an ideal venue to establish new and lasting partnerships to benefit wildlife and their management.

TWS Annual Conference in Portland, Oregon Upcoming—TWS' annual conference will be held in Portland, Oregon on October 13-17, 2012. The meeting will include workshops, symposia, panel discussions, breakfast roundtables, special poster sessions, contributed papers (oral presentations), and contributed posters. We invite submission of contributed papers and posters on topics of wildlife ecology, management, conservation, education, or policy. Presentations will not be published, so we encourage reports from the author's most recent scientific investigations and management experiences. Presentations will be audio recorded and made available to conference attendees at the conclusion of the conference. Registration for the conference will open in June.

Certification Update—TWS' Certification Directory has now been updated to display current AWBs' and CWBs' mailing address, work phone, and email. Should an AWB or CWB wish to make any changes to the Certification Directory, please send an email with your desired contact information to be displayed to shannon@wildlife.org. Remember that you have to be a current member to hold a valid certificate. To check your membership status, please email: membership@wildlife.org or call (301) 897-9770.

TWS Chapter, Student Chapter, and Section Treasurers: Remember that your annual tax report form is due to TWS by the end of March. Please send it to shannon@wildlife.org.

TWS Chapter, Student Chapter, and Section Secretaries: Remember to submit your election results to TWS immediately following elections. Please send your list of officers to shannon@wildlife.org.

TWS Council approved a new award at its March meeting in Atlanta, Georgia. The Distinguished Service Award (TWSDSA) is designed to recognize TWS members who have made contributions at the Chapter and Section level. This award is unique because although it is a parent society award that will be presented at the annual conference, the Sections will be receiving the nominations and selecting the winner for their Section. TWS will award 8 Distinguished Service Awards per year (one per section). This new award will be presented during the 75th Anniversary conference in Portland, Oregon, in October.

Purpose. The Wildlife Society Distinguished Service AWARD (TWSDSA) is designed to recognize TWS members who have made a long-term commitment to the Society based on membership longevity and TWS service as someone who is/was "always there" and could be counted on to serve the Chapter, Section, or International organization. The award recognizes individuals who have worked throughout their careers in a variety of ways to further the mission of the Society.

Criteria.

1. Nominees must have been parent TWS member for at least 20 years. If membership is not continuous, evidence of membership longevity must be provided. The intent is to recognize candidates while they are still active TWS members.
2. TWSDSA nominees must have served TWS in such a way that furthers the goals of TWS. Examples of service are Chapter, Section, or International Board member or Officer; served in a significant manner to keep a Chapter active or reactivate a Chapter; consistent attendance of, at least, Chapter meetings; dependable member to support Chapter, Section, and/or National activities such as, review EIS reports, positions statements, etc.; Chapter, Section, parent, or international committee chairperson or member; assist or organize Chapter, Section, or international conferences or special meetings, programs, training seminars, etc.; as appropriate, testify at hearings, etc. Basically, a collective commitment to TWS goals and activities.

For further information please contact Art Rodgers, Chair CSTWS Awards Committee. We need to get nominations from Section and Chapter members as soon as possible. Please submit your nominations to art.rodgers@ontario.ca by **June 5, 2012**.

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) and please put "Memorabilia" in the subject line.

SECTION NEWS

The following letter was sent by The Canadian Section to the Minister of Fisheries and Oceans in Ottawa in response to the federal government's proposal to revise the federal fisheries act.



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"

21 March 2012

The Honourable Keith Ashfield
Minister of Fisheries and Oceans
200 Kent Street
Ottawa, Ontario
K1A 0E6

Dear Minister Ashfield:

The Wildlife Society is a non-profit professional and scientific organization of more than 10,000 wildlife professionals and students from across North America, with more than 500 members in five Provincial Chapters and six Student Chapters at colleges and universities across Canada. Our members are employed by government organizations, non-government organizations, industry, professional consultants and universities. We are committed to a world where humans and wildlife co-exist. Our purpose 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 its habitats worldwide. Many of these professional biologists and managers are world-renowned experts in conservation and wildlife habitat management, including wetland conservation, fisheries management and endangered species.

As President of the Section, I am writing to you to express the serious concern of the Canadian Section of The Wildlife Society regarding the proposed amendments to the Canadian Fisheries Act that will remove provisions to protect fish habitat, and refocus protection efforts to fish that are, "...economically, culturally or ecologically significant".

Habitat is essential for all living creatures; failing to maintain sufficient fish habitat to support viable populations will result in the loss of those populations. While many species in Canadian lakes, rivers and coastal areas are secure and at little risk of loss, it is our understanding that the proposed changes will reduce the Department of Fisheries and Oceans's ability to protect habitat for those species that may be at risk or in decline.

Further, while it may be relatively straightforward to define a fish as being economically and culturally significant, assessing ecological significance is very difficult. All species in a community occupy a niche, and the loss or significant decline of a species from that community may have unknown effects. These effects may range from minor shifts in the ecology of the system, to large and unexpected shifts, including the potential loss of other species, some of which may be culturally or economically significant. Unfortunately, history has shown that loss of species from an ecosystem often results in long-term wildlife management and environmental problems. For this reason many ecological scientists agree that all species are ecologically important and their collective diversity provides the ecological resilience to guard against such calamities.

The Canadian Section of The Wildlife Society appreciates that the current version of the Canadian Fisheries Act, first drafted in 1867 and amended over the years, is at times ineffective and may create legal circumstances at odds with both conservation objectives and reasonable activities (e.g., prohibitions on draining seasonally flooded farmland that suddenly shifts from "prairie songbird habitat" to "fish habitat"). As a result, it is reasonable to suggest that amendments to the Act may be needed, as they have been in the past. We respectfully submit that removal of habitat protection provisions, however, is an ineffective and perhaps flawed solution to these problems.

As an organization, The Wildlife Society works to ensure that wildlife and their habitats are conserved through management actions that take into careful consideration relevant scientific information. As you go forward with proposed amendments, we encourage you to include input from scientists both within the Department of Fisheries and Oceans, as well as within other organizations. We welcome the opportunity to help provide input as you consider thoughtful and scientifically-based amendments to improve the Fisheries Act.

There are a number of relevant publications that you may find useful that we could provide at your request. Should you require any further information, please do not hesitate to contact us.

Sincerely,

Dr. Kathreen Ruckstuhl
President, Canadian Section of The Wildlife Society

Dr. Paul Krausman, CWB
President, The Wildlife Society

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. Rachele 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, Don Sexton sextonda@mts.net, Erin McCance emccance@shaw.ca, Kathreen Ruckstuhl kruckstu@ucalgary.ca, or Rick Baydack baydack@cc.umanitoba.ca.

STUDENT AWARDS

CSTWS Student Travel Award

The Canadian Section of The Wildlife Society (CSTWS) has made a fund available to encourage student participation in professional meetings of The Wildlife Society (TWS) for up to \$500. This year, the Section is offering a travel award to help students attend the upcoming 2012 TWS Annual Conference in Portland, Oregon from October 13 to 17. Applications are due **September 1, 2012**. For more information or to apply see PDF form on the front page of our website at: <http://joomla.wildlife.org/Canada/index.php> or contact art.rodgers@ontario.ca.

Warren B. Ballard Memorial Scholarship

Dr. Warren Ballard, long-time TWS stalwart, passed away on January 12, 2012. Warren was a TWS Fellow and served as Editor-in-Chief of The Wildlife Society Bulletin (WSB) twice; for four years (2000-2004) before the WSB was terminated in 2006, and again when he assumed the responsibility of bringing back the electronic version of the journal (2010-2012). Warren was also Wildlife Monographs Associate Editor for several years and won several TWS awards for his own publications and service to the Society. He was Horn Professor and Bricker Chair in Wildlife Management, Department of Natural Resources Management at Texas Tech University (2003-12).

A memorial scholarship has been established in honor of Dr. Warren Ballard at Texas Tech University. The scholarship will be for graduate students who exemplify Warren's drive and commitment to the wildlife profession. Donations may be made at <http://www.give2tech.com/>.



UPCOMING MEETINGS & WORKSHOPS



2012 Peter Yodzis Colloquium in Fundamental Ecology
Sustainability, Socio-ecological Complexity and
Adaptive Management: Opportunities and Challenges

June 7 and 8 2012 University of Guelph

The 2012 Peter Yodzis Colloquium will focus on complex socio-ecological interactions among human apex predators and their wild, renewing resources, and practices for confronting complexity, reducing uncertainty and learning through management experiments.

Peter Yodzis defined fundamental research as that which elucidates principles that underlie a broad range of ecological phenomena, an objective that he pursued in the role for which he was perhaps most widely known: theoretical ecologist. Still, Peter knew that "curiosity-driven" research was not solely the purview of fundamental, pure or "blue sky" scientists; his curiosity was also motivated by practical, applied or "management" concerns. His research questions spanned from the effects of variation in reproductive value among individuals on population dynamics of black bears, to habitat change on viability of marten populations, and food web complexity on the dynamics of marine mammal-fishery interactions.

It is appropriate that, in the face of widespread concern about observed and potential collapses of wild harvested populations and diminishing biodiversity, the Colloquium named in Peter's memory (1) elucidate broad principles that underlie a wide range of interactions among humans and other species, harvested or otherwise, and how to understand them; and (2) review means to manage wild, living resources in the face of uncertainty generated by socio-ecological complexity.

Researchers, managers and policy makers from industry, government and academia will convene to explore recent advances in resource conservation theory and management experiments. Specifically, in addition to the support from around campus, the Ontario Ministry of Natural Resources is assisting with financial support for the meeting. This continues a long tradition of interaction with the University of Guelph with regard to the application of adaptive management for reducing uncertainty that threatens to impede sustainability of renewable resources and biodiversity generally.

Several scholarly works that argued for better integration of science, policy and management celebrate significant anniversaries in 2012: C.S. Holling's *Adaptive environmental assessment and management* (36 years); H. C. Romesburg's *Wildlife science: gaining reliable knowledge* (31 years); and C. J. Walters' *Adaptive management of renewable resources* (26 years). The Ecological Society of America's *Sustainable Biosphere Initiative* (21 years) coaxed academic ecologists' attention to questions about how humans might sustainably use resources and conserve biodiversity. Nevertheless, the notions of treating policies as hypotheses and conducting management by experiment remain far from generally understood or widely accepted in resource management, and much has been written about the challenges to successfully applying principles of decision analysis and adaptive management to resolve uncertainties that threaten to undermine conservation.

On day 1, invited speakers will address, among other topics, the challenges for ecosystem-level management imposed by design of human institutions, adaptive responses by humans to changes in abundance of renewing resources, and adaptive management for science-based policy evaluation in the contexts of both Western and Aboriginal knowledge systems, especially with respect to recovery of species at risk. Day 1 will follow the same format as previous colloquia. Speakers will be limited to 5-6, allowing opportunity for interaction with attendees through contributed poster sessions.

In the morning of day 2, invited researchers and managers will review case histories of adaptive management, spanning fisheries, forestry and wildlife (including at-risk species), in some cases for up to 20 years. The purpose is to explore the bridges and barriers to applications of decision analysis and adaptive management. During the latter part of day 2, invited researchers and managers will discuss recent experiences with large-scale management experiments and emerging applications of decision analysis and adaptive management of renewable resources, including at-risk species.

The colloquium promises, for the first time in its history, to gather together a wide variety of policy-makers, researchers, and managers from government agencies, with non-government organizations and academics to explore and advance opportunities for science-based policy development and evaluation.



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!

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.

More information on the 26th ICCB will be available soon, including the announcement of the conference theme!

Human-Wildlife Interactions

Berryman Institute
Department of Wildland Resources
Utah State University
Logan, UT 84322-5271

Michael R. Conover, Editor
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For immediate release

Call for papers

Ecology and management of brown tree snakes and other exotic reptiles and amphibians

The peer-reviewed journal *Human-Wildlife Interactions* (a publication of the Berryman Institute) will dedicate the fall 2012 issue to the management and ecology of brown tree snakes and other exotic reptiles and amphibians.

Deadline for article submissions is **May 1, 2012**. For submission guidelines, please visit www.BerrymanInstitute.org. For more information, contact the managing editor: hwi@aggiemail.usu.edu.

Canadian Society for Ecology and Evolution

First Joint Congress on Evolutionary Biology

The Ottawa Convention Centre
Ottawa, Ontario, Canada
July 6-10, 2012

The *First Joint Congress on Evolutionary Biology* (aka 'Evolution 2012'), will be held in Ottawa, Canada's capital city. This landmark event will bring together five of the world's largest academic societies devoted to the study of ecology and evolutionary biology: the *American Society of Naturalists* (ASN), the *Canadian Society for Ecology and Evolution* (CSEE) the *European Society for Evolutionary Biology* (ESEB), the *Society for the Study of Evolution* (SSE), and the *Society of Systematic Biologists* (SSB). This event merges the traditional 'Evolution' meeting, the joint annual meeting of the ASN, SSE and SSB, with both its European and Canadian counterparts (the biennial ESEB congress and annual CSEE meeting). This will be the first time that these five societies have met together, creating a truly international event that spans the fields of ecology and evolution. The meeting will be the premier showcase in 2012 for the presentation and discussion among peers of the latest, leading-edge research in ecology and evolution, and will also be an important forum for outreach and education.

The congress will follow the traditional format of an 'Evolution' meeting, meaning that all attendees will have an opportunity to present their research as a talk or a poster. These are scheduled during regular 'contributed

talks' sessions or general poster sessions (sorted by topic using keywords chosen at the time of talk or poster registration). Although each society does sponsor two symposia, speakers for these were prearranged by the organizers and, unlike the tradition of ESEB meetings, one cannot apply to speak in one of these.

For more information visit:

<http://www.confersense.ca/Evolution2012/index.htm>

Muskoka Summit on the Environment

Biodiversity loss is one of the biggest challenges facing our generation. That is why, this June 6th and 7th, Bracebridge, Ontario will be hosting the 2nd Muskoka Summit on the Environment on this very important topic. Biodiversity Loss - from Science to Policy will feature seven speakers that will highlight issues and trends and examine policy options for future action. The speakers range in expertise from scientists to policy writers to frontline people implementing local programs. Dr. John Smol (Queen's U) will moderate the main summit, while Paul Kennedy of the CBC show, Ideas, will moderate the panel discussion and record the event for broadcast. CSEE has co-sponsored the Muskoka Summit on the Environment this year.

The speakers include:

Thomas Lovejoy -Biodiversity Chair, Heinz Center for Science, Economics, and Environment
Justina Ray -Executive Director, Wildlife Conservation Society
Jeremy Kerr -Associate Professor, University of Ottawa
Andrew Gonzalez-Associate Professor, McGill University
Steve Hounsell -President,Board of Trustees,Trees Ontario
Stephen Monet -Manager of Environmental Planning Initiatives, City of Sudbury
Karen Kraft Sloan -Chair of the Board of Directors, Canadian Pollination Initiative

The objective of the Summit is to engage and motivate the public, students, academics and other professionals in an open debate and discussion on the implications of biodiversity loss. A formal communiqué will be developed and circulated to local, regional, provincial, or national governments to encourage action on halting biodiversity loss. Graduate students are strongly encouraged to attend and discounted registration is available for students. Seating is limited and the 1st MSE Freshwater Summit was a 2010 sold out event.

For registration and additional information please visit:

<http://muskokasummit.org/>.

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



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



First Announcement and Call for Abstracts

ONTARIO MINE RECLAMATION SYMPOSIUM AND FIELD TRIP

June 20 - 22, 2012
Lakehead University, Thunder Bay, Ontario

The Canadian Land Reclamation Association (CLRA) and the Ontario Mining Association (OMA) are pleased to announce the Fifth Annual Ontario Mine Reclamation Symposium and Field Trip.

Featuring:

- One day symposium highlighting the history of mining in the Thunder Bay Region, technical talks on current research and rehabilitation practices, and reclamation project updates
- Symposium reception and banquet
- One day field trip to mine sites
- Presentation of the Fifth Tom Peters Memorial Mine Reclamation Award (note: nominations may be submitted to Bryan Tisch until June 1st, 2012)

The organizing committee is seeking relevant abstracts for presentations at the symposium on June 20, 2012. If you are interested, please forward abstracts by March 21, 2011 in Word or PDF format via email to Bryan Tisch (email address below). Note that a technical paper is NOT required, since the presentations will be published on CD as the symposium proceedings.

In an effort to keep costs low, the organizing committee is also seeking sponsorships, typically at a value of \$250. Please contact us to discuss. Your logo will be prominently displayed and your company acknowledged.

Further details will be distributed soon, including hotel information and symposium program.

Bryan Tisch
Natural Resources Canada
btisch@nrcc.gc.ca
613-943-8746

Adrianna Stech/ Lesley Hymers
Ontario Mining Association
astech@oma.on.ca
416-364-9301 ext. 227



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. 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.

7th International Moose Symposium

The 7th International Moose Symposium will take place in Bialowieza, 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 deadline for abstracts is 30 April 2012. More information is available at: <http://www.moose2012.pl/>.

REVISED for STUDENT Discount: 02/16/2012

LIMITED NO. OF ATTENDEES

FIRST INTERNATIONAL WOLF & CARNIVORE CONFERENCE OCTOBER 23-24, 2012
THOMPSON, MANITOBA, CANADA
The Wolf Capital of Canada

WOLVES AS AN ECOLOGICAL & ECONOMIC ASSET

Northern Manitoba is a pristine wilderness area with few people and unknown number of wolves that prey on moose, caribou, and sporadically on polar bear cubs along the coast of Hudson Bay. Proposed new roads, mines, hydro dams, and electrical corridors may change the ecosystem forever. What research should happen before irreversible changes occur? Can Manitoba shape best wolf management policies? Can Aboriginal traditional knowledge provide direction?

Wolf science, research, conservation, ecotourism and more will be discussed. Dialogue with some of the top wolf and polar bear experts in Canada, USA and Russia. *Space is Limited. Book Early!*

Keynote Speakers:*

Dave MECH UNIVERSITY OF MINNESOTA	Marco MUSIANI UNIVERSITY OF CALGARY	Nikita OVSYANIKOV RUSSIAN ACADEMY OF SCIENCES	Paul PAQUET UNIVERSITY OF SASKATCHEWAN
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OPTIONAL: Charter trip to Churchill
Polar Bear Capital of the World

*Some speakers are pending. All to be confirmed on www.thompsonsp181way.ca

Platinum SPONSORS: Manitoba Hydro, UCI, VALE

Gold SPONSORS: Calm Air, Travel Manitoba



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 RECRUTÈMENT 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
www.csz2012.com

Mount Allison University
JOGGINS
TRUST CLIFFS

International Society for Applied Ethology

ISAE North American Regional meeting
Banff Centre, May 11th – 12th 2012

2nd ANNOUNCEMENT



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

We are pleased to invite you to the 11th 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 11th and conclude at 6pm Saturday May 12th.

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
Maja Makagong, Michigan State University makagom@mst.edu
Ed Pajor, University of Calgary epajor@ucalgary.ca
Yolande Seddon, Prairie Swine Centre yolande.seddon@usask.ca



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



McMaster
Department of Biology



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



CALL FOR PRESENTERS!!!

Deadline: March 23, 2012

5TH 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 5TH 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

COURSE ANNOUNCEMENT:

WILDLIFE HANDLING AND CHEMICAL IMMOBILIZATION**FOR WILDLIFE PROFESSIONALS**

Benton County Fairgrounds, Corvallis Oregon

June 19-21, 2012



Global Wildlife Resources is a non-profit organization dedicated to supporting wildlife professionals with humane capture and handling through training & field assistance. GWR is offering a 3-day wildlife handling course at the [Benton County Fairgrounds Carriage House](#) in Corvallis, Oregon. This class is one of the most extensive chemical immobilization courses in North America and includes hands-on labs with live animals. It has been invaluable to college students, state, federal, and tribal wildlife professionals, zoo caretakers, game farms, animal control officers, veterinarians, and veterinary technicians.



This unique field-oriented training emphasizes professional and humane animal handling and covers practical techniques to maximize field success and human & animal safety. The course focuses on the needs of professionals to understand the skills and equipment associated with wildlife capture, physical restraint, and chemical immobilization as well as for captive and urban settings. The course also covers in detail each aspect of animal processing such as radio-collaring, ear-tagging, weighing, sample collection and patient monitoring.

Course content includes:

Five-step Preparation for Field Operations * Legal Responsibilities * Professionalism * Drug Delivery Systems * Immobilizing Drugs * Patient Monitoring * Marking * Sampling * Veterinary Emergencies * Euthanasia * Human Safety * The Y Pole * Honoring each animal through equipment and techniques

HANDS-ON LABS: Drug Delivery Systems, Needle and Syringe Lab, TPR Lab, and Chemical Immobilization

The dynamic course instructor is Dr. Mark Johnson of Global Wildlife Resources, Inc. of Bozeman, Montana. Dr. Johnson, former veterinarian of Yellowstone National Park, has participated nationwide in a wide range of wildlife handling field operations. He enthusiastically teaches wildlife professionals and students internationally for universities, national parks, state and federal agencies, native nations, zoological parks, and private organizations.

GWR courses promote care, honor, and respect for every animal that is handled, and are often profound career experiences for course participants.

The course is limited to 25 participants so register early! It includes hands-on labs each day (including a **drugging lab with goats which simulate deer**), course notebook, and a Certificate of Training. The 3-day course fee is \$575 / \$475 for full-time college students. Places are reserved once payment is received. Each day is 9am-5pm.

To Register:

Visit our website [Course Schedule](#) to register on-line or print the registration form and mail the form and registration fee to:
Global Wildlife Resources, Inc.
P.O. Box 10248, Bozeman MT 59719-0248
Office phone: (406) 586-4624

To Learn More:

See our website Course Schedule at www.wildliferesources.org for a course outline, lodging info, testimonials, and additional information.
QUESTIONS? Contact us at info@wildliferesources.org

Global Wildlife Resources, Inc. is a 501(c)(3) nonprofit organization. We are here to serve.

The above course will also be offered at Finger Lakes Community College, Canandaigua, New York, August 7-9, 2012 and Dakota Zoo, Bismarck, North Dakota, August 21-23, 2012

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](#) 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

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



UNIVERSITY OF MANITOBA

**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/els/>) 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) and/or Chris Metcalfe (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; <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; [web page](#)) and Dr. Chris Metcalfe (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; <http://people.trentu.ca/mxenopoulos>).

WHO'S WHO IN THE SECTION

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Canadian Section of The Wildlife Society

2012 Membership Renewal/Application

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>