



# IWRC 2010 Symposium

## Activities and Events

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### **Southwestern Wildlife Field Trip** Tuesday, October 19 8:00 AM to 4:30 PM

- Visit the Wildlife Rescue, Inc. Center at the Rio Grande Nature Center  
<http://www.wrinm.org/>
- Private birding tour of the Rio Grande Nature Center  
<http://www.rgnc.org/parkinfo.htm>
- Lunch at the Frontier Restaurant (not included in fee)  
<http://www.frontierrestaurant.com/>
- Private open house University of New Mexico Museum of Southwestern Biology  
<http://www.msb.unm.edu/info.html>

### **Zoo Rehabilitation & Enrichment Field Trip** Wednesday October 20, half day times TBD

- Tour of the Albuquerque Zoo Veterinary Clinic  
<http://www.cabq.gov/biopark/zoo/index.html>
- Tour of other zoo areas (possibilities include pachyderms, carnivores, and bird show)

**Meet & Greet** – Wednesday, October 20 5:30 PM (cash bar)

**Film Festival** – Wednesday, October 20 7:00 PM (cash bar)

**Dine Around** – Thursday, October 21

### **Symposium Dinner and Silent Auction** – Saturday, October 22 5:30 PM

- Cash Bar 5:30 PM
- Silent auction
- Dinner 6:00 PM
- Entertainment following dinner: Bears of Manitou

### **Book Signing** – Saturday, October 22 11 AM to 1 PM

- Mary Stuever - The Forester's Log: Musings from the Woods
- Jean Luc Cartron - The Raptors of New Mexico
- Casey McFarland - Bird Feathers: A Guide to North American Species

## Registration Hours

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Tuesday, October 19 3:00 PM to 5:00 PM

Wednesday, October 20 8:00 AM to 5:30 PM

Thursday, October 21 8:00 AM to 5:00 PM

Friday, October 22 8:00 AM to 5:00 PM

Saturday, October 23 8:00 AM to 1:00 PM



## IWRC 2010 Symposium

# Non-Symposium Skills Classes

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Please note that the IWRC skills classes are not included in your Symposium registration fee. If you wish to attend any of the skills classes we are offering in conjunction with the 2010 Symposium, please visit our website at <http://iwrc.info/online-store/classes/classroom/>. Be sure to select the Albuquerque classes when registering.

**IWRC Basic Wildlife Rehabilitation 1AB** – 10:00 AM Wednesday and 8:00 AM Thursday, October 20 & 21

CE Hours: 13

Basic Wildlife Rehabilitation is an introductory course for beginning wildlife rehabilitators, or novice and experienced rehabilitators seeking formal education. Lecture topics include: introduction to wildlife rehabilitation, basic anatomy and physiology, calculating drug dosages, handling and physical restraint, thermoregulation, stress, basic shock cycle, initial care and physical examination, nutrition and associated diseases, standards for housing, zoonoses, euthanasia criteria and release criteria.

Lab topics include gavage (tube-feeding), physical restraint, intramuscular and subcutaneous injections, physical exams, limb immobilization and weighing. Lab procedures are performed on cadavers.

**Wildlife Feeding and Nutrition** -- 8:00 AM Friday, October 22 (full day class)

CE Hours: 8

Feeding and Nutrition addresses the nutritional requirements of mammals and birds with principles applicable to reptiles and amphibians. Lecture topics include: basic nutritional biochemistry, gastrointestinal physiology and anatomy, neonates, self-feeding process, importance of recognizing natural diets, determining nutritional requirements, feeding ill and emaciated animals, analyzing and formulating diets, minimizing captive stress through feeding and foraging enrichment.

**Parasitology** -- 8:00 AM Saturday, October 23 (half day class)

CE Hours: TBD

All animals have parasites. Understanding them leads to better care of wildlife in rehabilitation and can reduce the spread of disease. Parasitology is a comprehensive course covering individual parasites, their life cycles, and their transmission to new hosts. In this course you begin to learn how to identify the diagnostic forms, the treatments to use and also the zoonotic potential for many varieties of parasites.



## IWRC 2010 Symposium

# Keynote Speakers

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### **Brian Millsap**

Brian Millsap is presently the Deputy Regional Director for the U.S. Fish and Wildlife Service's Southwest Region. As the Deputy Regional Director, Brian's primary responsibility is ensuring coordination among Service programs in addressing the region's conservation priorities.

Brian started his career with the Service in 2002, when he was hired as the Chief of the Division of Migratory Bird Management in the Washington Office. Brian moved from Washington to the Southwest Region in 2006 as the New Mexico State Administrator for the Division of Ecological Services. He has served as Deputy Regional Director since the fall of 2008. Before joining the Service, Brian was the Chief of the Bureau of Wildlife Diversity Conservation for the Florida Fish and Wildlife Conservation Commission (FFWC), where he had management oversight for the state's nongame and imperiled species programs, and the wildlife research program. Prior to joining the FFWC in 1986, Brian was employed as a raptor biologist by the National Wildlife Federation (1982 – 1986), and before that, Brian worked as a wildlife biologist for the Bureau of Land Management in Arizona and Wyoming (1978 – 1982).

Throughout his career, Brian has emphasized the role of science in fish and wildlife conservation, particularly with respect to the management of birds of prey, other nongame birds, and threatened and endangered species. Brian has authored 19 scientific articles in peer-reviewed journals, written 16 technical book chapters or monographs, and co-edited 4 scientific books. Brian is also active in a number of scientific and outdoor recreation organizations, having served terms as President of the Nongame Wildlife Association of North America; President of the Florida Chapter of The Wildlife Society; Vice President and President of the North American Falconers Association; and Director, Vice President, and President of the Raptor Research Foundation.

Brian holds a B.S. in Wildlife Biology from Colorado State University (1978), and a M.S. in Evolutionary and Systematics Biology from George Mason University (1986).



## IWRC 2010 Symposium

### Keynote Speakers (continued)

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#### **Jean-Luc Cartron, Ph.D**

New Mexico is home to 37 species of diurnal and nocturnal raptors, with another 7 species recorded casually to accidentally in the state. Besides the ubiquitous Red-tailed Hawk (*Buteo jamaicensis*) and Great Horned Owl (*Bubo virginianus*) are some conservation sensitive species such as the Bald Eagle (*Haliaeetus leucocephalus*), American Kestrel (*Falco sparverius*), Aplomado Falcon (*F. femoralis*), Spotted Owl (*Strix occidentalis lucida*), Short-eared Owl (*Asio flammeus*), or Boreal Owl (*Aegolius funereus*). Research and monitoring conducted in New Mexico have led to invaluable insight on the status and management needs of many raptor populations. The acquisition logs of wildlife rehabilitation facilities and wildlife rehabilitators can also play a very important role, including the detection of rare species in our state or that of seasonal movements along an elevational gradient, and the documentation of causes of raptor mortality such as West Nile Virus, drowning in cattle tanks, or attacks by domestic cats and dogs. Several examples where research findings and acquisition logs provide complementary information are discussed here.

Jean-Luc Cartron, Ph.D. is Research Assistant Professor of Biology at the University of New Mexico and Director of the New Mexico Office of the Drylands Institute. He has nearly 20 years of experience conducting research on the ecology and conservation of raptors in southwestern North America, and he is the co-author or editor of three books, including the recently published *Raptors of New Mexico* (University of New Mexico Press).



# IWRC 2010 Symposium

## Symposium Sessions

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### Thursday October 21

8:00 AM 10:00 AM	<b>IWRC Annual Membership Meeting</b> Keynote Speakers: <ul style="list-style-type: none"><li>• Brian Millsap, Deputy Regional Director of USFWS</li><li>• Jean-Luc Cartron, Ph.D., Drylands Institute</li></ul>		
10:00 AM 10:30 AM	<b>Break</b>		
10:30 AM 12:30 PM	<b>Rehabilitation Track</b> <i>Reuniting</i>  Anne Miller	<b>Veterinary Track</b> <i>Zoonoses</i>  Bret Snyder	<b>Oiled Wildlife Track</b> <i>Tentative, pending title</i>  Mike Ziccardi
12:30 PM 1:30 PM	<b>Break</b>		
1:30 PM 3:00 PM	<b>Rehabilitation Track</b> <i>Basic Reptile Rehabilitation</i> Teri Hauser	<b>Veterinary Track</b> <i>Parvovirus in raccoons</i>  Karen Bailey	<b>Oiled Wildlife Track</b> <i>Florida Spill Response</i>  Jay Holcomb
3:00 PM 3:30 PM	<b>Break</b>		
3:30 PM 5:00 PM	<b>Rehabilitation Track</b> <i>Border infrastructure effects</i> Dan Millis	<b>Veterinary Track</b> <i>Composting mortalities</i>  Larry Wilhelm	<b>Oiled Wildlife Track</b> <i>Discussion about response to spill in Gulf of Mexico</i>



# IWRC 2010 Symposium

## Symposium Sessions

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### Friday October 22

8:00 AM 10:00 AM	<b>Raptor Track</b> <i>Learning, Behavior &amp; training</i>  Sid Price	<b>Research &amp; Conservation Track</b> <i>Strengthening and improving relationships with you state level wildlife agency</i> Chris Chadwick Chuck Hayes	<b>Rehabilitation Track</b> <i>The basics of songbird rehabilitation</i>  Jayne Amico
10:00 AM 10:30 AM	<b>Break</b>		
10:30 AM 12:30 PM	<b>Raptor Track</b> <i>Learning, Behavior &amp; training (continued)</i>  Sid Price	<b>Research &amp; Conservation Track</b> <i>The Raven project</i> Janelle Harden Anne Russell	<b>Rehabilitation Track</b> <i>Successful songbird rehabilitation: survival after release</i> Jayne Amico
12:30 PM 1:30 PM	<b>Break</b>		
1:30 PM 3:00 PM	<b>Raptor Track</b> <i>A key to North American diurnal raptors</i> Mike Guzy	<b>Research &amp; Conservation Track</b> <i>The migratory bird treaty act and corporate America</i> Gail Garber	<b>Rehabilitation Track</b> <i>Banding of rehabilitation acquisitions and value to biologic community</i> Steve and Nancy Cox
3:00 PM 3:30 PM	<b>Break</b>		
3:30 PM 5:00 PM	<b>Raptor Track</b> <i>Falconry techniques and Raptor rehabilitation</i> Matt Mitchell Kristen Madden	<b>Research &amp; Conservation Track</b> <i>The birds' eye view</i> Mary Stuever	<b>Rehabilitation Track</b> <i>Corvids</i> Elaine Friedman



# IWRC 2010 Symposium

## Symposium Sessions

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### Saturday October 23

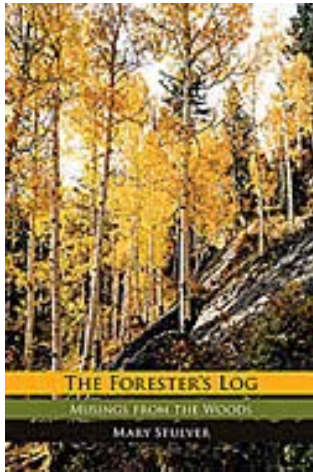
8:00 AM 10:00 AM	<b>IWRC Skills Class*</b> <i>Parasitology Class</i> Lynn Miller <b>*Not included in Symposium attendance fee. Attendance requires separate registration and fee.</b>	<b>Mammal Rehabilitation Track</b> <i>Coyotes in our midst</i> Camilla Fox	<b>Business Track</b> <i>Importance of a business plan</i> Jon Williams
10:00 AM 10:30 AM	<b>Break</b>		
10:30 AM 12:30 PM	<b>IWRC Skills Class*</b> <i>Parasitology Class</i> (continued) Lynn Miller <b>*Not included in Symposium attendance fee. Attendance requires separate registration and fee.</b>	<b>Mammal Rehabilitation Track</b> <i>Skunk rehabilitation</i> Jerry Drago	<b>Business Track</b> <i>Fundraising</i> (To be determined)
12:30 PM 1:30 PM	<b>Break</b>		
1:30 PM 3:00 PM	<b>Animal Welfare Track</b> <i>Animal welfare and wildlife rehabilitation</i> Adam Grogan	<b>Mammal Rehabilitation Track</b> <i>Large mammal rehabilitation</i> Katherine Eagleson	<b>Business Track</b> <i>Running a helpline</i> Denise Coil
3:00 PM 3:30 PM	<b>Break</b>		
3:30 PM 5:00 PM	<b>Raptor Track</b> <i>The eagles of Zuni Pueblo</i> Nelson Luna	<b>Mammal Rehabilitation Track</b> <i>20 years of Black bear rehabilitation</i> V.M. Stephan-LeBoeuf	<b>Business Track</b> <i>Building a Center</i> Walter Crawford



# IWRC 2010 Symposium

## Book signings

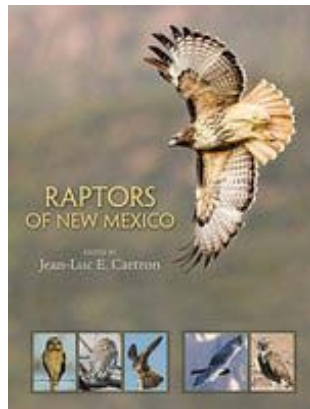
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### **Mary Stuever - The Forester's Log: Musings from the Woods**

Over the last quarter century, Mary Stuever captured stories from her work as a forester in the American Southwest in her monthly column, "The Forester's Log," which also appears in each issue of IWRC's *Journal of Wildlife Rehabilitation*. Gathered together in her book, these tales spin a web of words that explain why forest fires are larger, why trees are being cut from forests, why kids need to spend times outdoors, why catastrophic burn areas need planted and protected, and why people and land share an incredible bond that should be nurtured and honored.

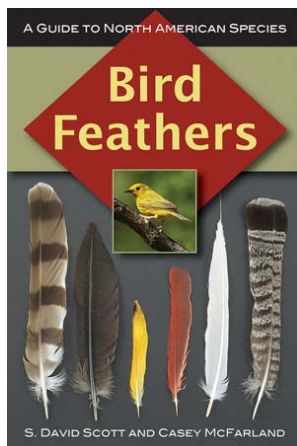
<http://www.foresterslog.com/>



### **Jean Luc Cartron - The Raptors of New Mexico**

Originally from France, Jean-Luc Cartron has lived and worked on several continents, finding his passion in the wide-open spaces of New Mexico. He became fascinated by the birds of prey and has studied their ecology and conservation for nearly twenty years. *Raptors of New Mexico* will provide readers with a comprehensive treatment of all hawks, eagles, kites, vultures, falcons, and owls breeding or wintering in New Mexico, or simply migrating through the state. This landmark study is also beautifully illustrated with more than six hundred photographs, including the work of more than one-hundred photographers and nearly fifty species distribution maps.

<http://www.drylandsinstitute.org/pNMoffice.shtm>



### **Casey McFarland - Bird Feathers: A Guide to North American Species**

Casey McFarland has been involved in environmental education for a decade, instructing in venues ranging from wilderness schools and state agencies to the Sierra Club. He currently trains and certifies biologists, research teams and the general public across the country through the CyberTracker Conservation evaluation system, an international standard for gauging and enhancing one's in-field knowledge of track, sign and behavior of mammals, birds, reptiles, amphibians and invertebrates. Casey also contributes to wildlife connectivity research, providing consultation, training and field methodology design to help researchers and monitoring teams assess and improve fragmented landscapes for wildlife permeability.

<http://featherguide.com/>