

Table of Contents (ICOWET 1998)

Moving Forward – Gary L. Evink

Rare Carnivores and Highways: Moving Into the 21st Century – Bill Ruediger

Toward a Practical Strategy for Mitigating Highway Impacts on Wildlife –
Scott D. Jackson and Curtice R. Griffin

Quantifying Wildlife Road Mortality in Saguaro National Park – Natasha C.
Kline and Don E. Swann

**Factors Influencing the Frequency of Road-Killed Wildlife in Yellowstone
National Park** – Kerry A. Gunter, Mark K. J. Biel, and Hillary L. Robison

Economic Analysis of Deer-Vehicle Collisions in Ohio – Ellen Wu

**Economic Values Associated with Roaded and Non-Roaded Recreation
Areas in the Pacific Northwest** – Dr. Cindy Sorg Swanson and Dr. John Loomis

**Assessing Habitat Connectivity Through Transportation Corridors on a
Broad Scale: An Interagency Approach** – Paul Wagner, Marion Carey, and
John Lehmkuhl

**Using GIS for Identifying the Interface Between Ecological Greenways and
Roadway Systems at the State and Sub-State Scales** – Margaret H. Carr, Paul
D. Zwick, Thomas Hootor, Wesley Harrell, Andrea Goethals, and Mark Benedict

**The Ecological Road-Effect Zone for Transportation Planning and
Massachusetts Highway Example** – Richard T. Forman and Robert D. Deblinger

**Fragmentation Effects of High-Speed Highways on Grizzly Bear Populations
Shared Between the United States and Canada** – Christopher Servheen, John
Waller, and Wayne Kasworm

Roads, Rails and Grizzly Bears in the Bow River Valley, Alberta – Michael L.
Gibeau and Stephen Herrero

**Permeability of the Trans-Canada Highway to Wildlife in Banff National
Park: Importance of Crossing Structures and Factors Influencing Their
Effectiveness** – Anthony P. Clevenger

Bridging the Rockies: Banff's Roadways for Wildlife – Dr. Bruce Leeson

Peregrine Falcons and the Washington State Department of Transportation –
Marion Carey

Impacts of an Expanded Highway on Ocelots and Bobcats in Southern Texas and Their Preferences for Highway Crossings – Dr. David G. Hewitt, Alan Cain, Valerie Tuovila, David B. Shindle, and Michael E. Tewes

Potential Impacts of International Bridges on Ocelots and Jaguarundis Along the Rio Grande Wildlife Corridor – Michael E. Tewes and Donald R. Blanton

Road to Recovery-Salmon Restoration: The Regional Approach – Sue Chase

Management of Protected Freshwater Mussels With Regard to North Carolina Department of Transportation Highway Projects – Tim Savidge

Habitat Fragmentation and Infrastructure in the Netherlands and Europe –
Hans (G. J.) Bekker

Mitigation Measures to Reduce Habitat Fragmentation by Railway Lines in the Netherlands – Edgar A. Van der Grift and Rita (H.) M. J. Kuijsters

Hedgehog Traffic Victims: How to Quantify Effects on the Population Level and the Prospects for Mitigation – Marcel P. Huijser, Piet J. M. Bergers, and Hans (J.G.) De Vries

Management of Roads as Biolinks and Habitat Zones in Australia – Andrew Straker

The Australian Partnership Approach to Protecting Roadside Habitats – Max Gilbert

The Role of Fauna Underpasses in New South Wales – Tim Norman, Anne Finegan, and Bruce Lean

Technical Assistance and Agency Coordination on Wildlife and Habitat Conservation Issues Associated with Highway Projects in Florida – Terry Gilbert

Roadside Management Trends in Minnesota: 1973 to 1997 – Kenneth L. Varland and Peter J. Schaefer

Citizen Participation in Transportation Planning: The Habitat for Bears Campaign – Laurie Ann Macdonald

About Wildlands CPR – Bethanie Walder

The Impact of Roads on the Timber Rattlesnake, (*Crotalus horridus*), in Eastern Texas – Dr. Craig Rudolph, Shirley J. Burgdorf, Richard N. Conner, and James G. Dickson

The Influence of Transportation Corridors on the Movement of Pronghorn Antelope Over a Fragmented Landscape in Northern Arizona – Charles Van Riper, III, and Richard Ockenfels

The Effects of Highways on Western Cold Water Fisheries – Allan E. Thomas

Ecological Highways – Gary Evink

1998 International Conference: Wildlife Ecology and Transportation Wrap-Up Session: Recommendations for the Future – Gary Evink