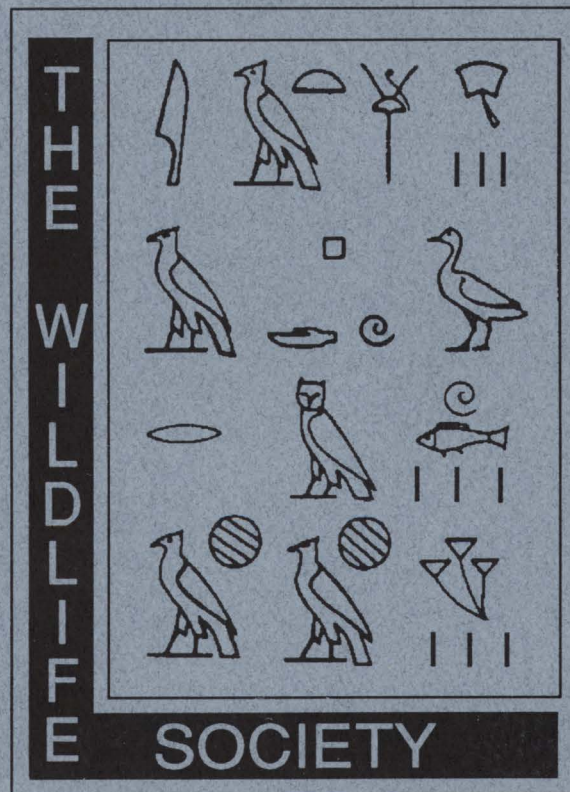


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# ANNUAL MEETING OF THE NORTHWEST SECTION OF THE WILDLIFE SOCIETY

Hosted by  
Idaho and Washington Chapters TWS



April 22-25, 1992  
Moscow, Idaho

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NORTHWEST SECTION OF THE WILDLIFE SOCIETY  
1992 ANNUAL MEETING - MOSCOW, IDAHO

HOSTED BY

Idaho Chapter The Wildlife Society  
Washington Chapter The Wildlife Society

PROGRAM COORDINATORS

Dale Toweill, NW Section (Program Chairman)	
Ken Bevis, Washington Chapter	Paul Moroz, Idaho Chapter
Chuck Blair, NW Section	Bill Mullins, Idaho Chapter
Jack Connelly, Idaho Chapter	Rod Pharness, Washington Chapter
Greg Green, Washington Chapter	Kerry Reese, Idaho Chapter
Sandy Martin, Washington Chapter	Greg Schroer, Washington Chapter

SESSION CHAIRS

Harriet Allen	Endangered Species Program Manager, Washington Department of Wildlife, Olympia, WA
Signe Sather-Blair	District Biologist, Boise District Bureau of Land Management, Boise, ID
Francis Cassirer	Wildlife Research Biologist, Idaho Dept. Fish and Game, Coeur d'Alene, ID
Bob Naney	Forest Wildlife Biologist, Okanogan National Forest, Okanogan, WA
John Pierce	Nongame Program Manager, Washington Department of Wildlife, Olympia, WA
Jeri Williams	Fish and Wildlife Biologist, U.S. Fish and Wildlife Service, Boise, ID
Jerome Hansen	Wildlife Mitigation Specialist, Idaho Dept. Fish and Game, Boise, ID

SPECIAL SPEAKERS

Dr. Jack Ward Thomas, USDA Forest Service  
Melanie Rowland, Attorney

NORTHWEST SECTION TWS EXECUTIVE BOARD

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**Northwest Section of The Wildlife Society  
1992 Annual Meeting  
Moscow, Idaho**

**Wednesday, April 22 (6:00-10:00 p.m.)**

- 6:00 - 8:00    Registration—Main Lobby
- 6:30 - 7:30    Social—No-host Bar—University Room
- 7:00 - 10:00   Student Job Fair—University Room

An opportunity to meet potential federal, state, and private employers in an informal setting, and to mingle with friends, old and new.

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**Thursday, April 23 (8:00 a.m.-10:00 p.m.)**

- 7:30 - 4:00    Registration—Main Lobby

Plenary Session—University Room

- 8:00 - 8:20    Welcoming Comments

Chuck Blair, President, Northwest Section  
Greg Green, President, Washington Chapter  
Jack Connelly, President, Idaho Chapter

- 8:20 - 9:00    Keynote Address: **The Spotted Owl Controversy—Recap and Perspective.**  
Dr. Jack Ward Thomas, USDA Forest Service

- 9:00 - 9:30    Break

- 9:30 - 12:00   **Crises in the Northwest—Key Issues for the 1990s** (Panel Discussion)  
Dr. Jack Ward Thomas, Chairman; Dr. Warren G. Eastland, USDA APHIS; Bob Ruesink, U.S. Fish and Wildlife Service; Dr. Winifred Kessler, USDA Forest Service; Allan Thomas, USDI Bureau of Land Management

- 11:00 - 12:00   Questions from the Audience

- 12:00 - 1:00    Lunch Break

Open Concurrent Session—Threatened and Endangered Species. Harriet Allen,  
Chairperson—University Room

- 1:15 - 1:45     **Arboreal Lichen in Uncut and Select Cut Subalpine Fir Stands in Woodland Caribou Habitat, Northern Idaho and Southeastern British Columbia.** Eric M. Rominger, University of Idaho, Lydia Allen-Johnson, University of Idaho, and John L. Oldmeyer, U.S. Fish and Wildlife Service
- 1:45 - 2:15     **Factors Affecting the Distribution of Grizzly Bears in the Selkirk Ecosystem.** Wayne L. Wakkinen, Idaho Department of Fish and Game, and Diane Wakkinen
- 2:15 - 2:45     **Spotted Owls and Forest Management on the Yakima Indian Reservation.** Glen A. Sargeant, Gina M. King, and Eric E. Hanson, Yakima Indian Nation
- 2:45 - 3:15     **Endangered Species and Animal Damage Control: Some Relationships.** Gary Witmer, USDA APHIS Animal Damage Control
- 3:15 - 3:30     Break
- 3:30 - 4:00     **Endangered Salmonids: The Role of the Washington State Legislature.** Keitlyn Watson, Washington State House of Representatives
- 4:00 - 4:30     **Implications of the Northwest Power Council Wildlife Mitigation Planning Program.** Bill Bradley
- 4:30 - 5:00     **System Operation Review: Modeling the Operational Impacts from Hydroelectric Dams in the Columbia Basin.** Carl Christianson, U.S. Army Corps of Engineers

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Open Concurrent Session—Making Better Management Decisions. Signe Sather-Blair,  
Chairperson—Palouse Room

- 1:15 - 1:45     **Fish and Wildlife Resource Information Management and Decision Making.** Warren W. Aney, Oregon Department of Fish and Wildlife
- 1:45 - 2:15     **A Method for Predicting the Effects of Timber Harvest on Aquatic Habitat in the Hoh River Basin, Washington.** Scott P. Horton, Washington Department of Natural Resources
- 2:15 - 2:45     **Parallels Between Old-growth Forest and Wildlife Population Management—Crisis of the Future?** Alan K. Wood, Montana Department of State Lands

- 2:45 - 3:15 **Habitat Suitability Index Procedure for Columbian Sharp-Tailed Grouse.** Daryl R. Meints and John W. Connelly, Idaho Department of Fish and Game; Kerry P. Reese, University of Idaho; Alan R. Sands, Bureau of Land Management; and Thomas P. Hemker, Idaho Department of Fish and Game
- 3:15 - 3:30 Break
- 3:30 - 4:00 **A Regional Analysis of the Protection Status of Biological Diversity: Gap Analysis in Idaho.** J. Michael Scott, Idaho Cooperative Fish and Wildlife Research Unit
- 4:00 - 4:30 **Wildlife Habitat in Managed Forests: Inadequacy of Washington's TFW Agreement.** Timothy P. Cullinan, National Audubon Society, and Lisa Lombardi, Washington Environmental Council
- 4:30 - 5:00 **Ecology of Vaux's Swifts.** Evelyn L. Bull, USDA Forest Service

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Special Session—**Harlequin Duck Research and Management.** Francis Cassirer, Chairperson—Washington Room

- ✓ 1:15 - 1:45 **Status of Harlequin Ducks in Eastern North America.** Ian Goudie, Canadian Wildlife Service *Transferred to B.C. Waterfowl Management Biologist*
- ✓ 1:45 - 2:15 **Distribution and Habitat Use of Harlequin Ducks in Northwestern Washington.** Greg Schirato and Fred Sharpe, Washington Department of Wildlife *WDOW 8 years, 4 year area bio, Olympic Peninsula la* *Status & dist of breeding & wintering ducks in B.C. Breault* *Habitat Biologists worked last 3 years*
- ✓ 2:15 - 2:45 **Status of the Harlequin Duck in Montana, 1985-1991.** David Genter, Montana Natural Heritage Program *Director, surveying throughout Montana* *Dung*
- ✓ 2:45 - 3:15 **Harlequin Duck Breeding Ecology on Montana's Rocky Mountain Front.** Seth Diamond, Lewis and Clark National Forest *Resource Program Manager for Timber, Wildlife and Minerals on the Rocky Mtn District of the Lewis*
- 3:15 - 3:30 Break *MS. in Wildlife from U.P.I. since '89* *Clare*
- 3:30 - 4:00 **Annual Variation in Harlequin Duck Population Size, Productivity and Fidelity in Grand Teton National Park, Wyoming.** Richard Wallen, National Park Service *Worked maintenance thesis 85-86 Montana State. Resource Mgmt Biologist*
- 4:00 - 4:30 **A Preliminary Investigation Into the Status and Distribution of Harlequin Ducks in Jasper National Park, Canada.** Peter Clarkson, Canadian Parks Service *Warden 10 years! public concern started last year*

- 4:30 - 5:00 **Status and Breeding Ecology of Harlequin Ducks in Idaho.** Francis Cassirer and Craig Groves, Idaho Department of Fish and Game
- 5:00 - 5:10 **Sex and Age Composition of Harlequin Ducks Wintering in British Columbia.** Douglas Chadwick, Whitefish, Montana
- 5:15 - 5:30 **Discussion of Research and Management Priorities.** Craig Groves, Idaho Department of Fish and Game
- Harlequin Duck Wintering Ecology at Acadia National Park and Coastal Maine (Poster).** Glen Mittlehauser, College of the Atlantic
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- 6:00 - 10:00 "Grazing the Commons" [Hors d'oeuvres (Dinner), Social and No-host Bar]—University Room
- 6:00 - 7:00 Silent Auction
- 7:00 - 7:15 Observations on The Wildlife Society by Jim Peek, Northwest Section Representative
- 7:15 - 7:25 Wildlife Society Programs, Sandra-Staples Bortner, The Wildlife Society, Washington D.C.
- 7:25 - 7:30 Presentation of Section Awards
- 7:30 - ??? Auction and Raffle
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**Friday, April 24 (8:00 a.m.-6:00 p.m.)**

- 7:30 - 9:00 Registration—Main Lobby

Open Concurrent Session—Big Game Species. Bob Naney, Chairperson—  
University Room

- 8:00 - 8:30 **An Assessment of Elk Pellet Group, Scouler Willow, and Redstem Ceanothus Distribution on the Lower Selway River Burns, Summer 1991.** J. Peek, University of Idaho; D. Talbert, S. Blair, R. Guse, and C. Hunter, Nez Perce National Forest
- 8:30 - 9:00 **Elk Habitat Selection in the Sagebrush Desert of Southeastern Idaho.** Deborah C. Strohmeier and James M. Peek, University of Idaho

9:00 - 9:30 **Preliminary Evaluation of a Spike-Only General Elk Hunting Regulation in Southeastern Idaho.** Daniel L. Hughbanks and Lynn R. Irby, Montana State University, and David K. Koehler, Idaho Department of Fish and Game

9:30 - 10:00 **Wildlife Research in the Frank Church River of No Return Wilderness.** Jeffrey J. Yeo, University of Idaho

10:00 - 10:15 Break

10:15 - 10:45 **California Bighorn Sheep Responses to Human Disturbance.** M. McCoy, Idaho Department of Fish and Game; W. Bodie, Idaho Department of Fish and Game; and E. Taylor, Bureau of Land Management

10:45 - 11:15 **Habitat Use by California Bighorn Sheep in Southwest Idaho.** E. Taylor, Bureau of Land Management; M. McCoy, Idaho Department of Fish and Game; and W. Bodie, Idaho Department of Fish and Game

11:15 - 11:45 **Responses of California Bighorn Sheep to Helicopter Disturbance.** W. Bodie, Idaho Department of Fish and Game; E. Taylor, Bureau of Land Management; and M. McCoy, Idaho Department of Fish and Game

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Open Concurrent Session—Nongame Birds. John Pierce, Chairperson—Palouse Room

8:00 - 8:30 **Breeding-Season Birds on Islands in the Snake River in Southwestern Idaho.** Helen M. Ulmschneider and Bruce Zoellick, U.S. Fish and Wildlife Service

8:30 - 9:00 **Breeding Bird Use of Old-Growth and Silviculturally Treated Young-Growth Spruce-Hemlock Forests, Prince of Wales Island, Southeast Alaska: Preliminary Results.** D.A. DellaSala, Ebasco Environmental; J. Hagar and W. McComb, Oregon State University; and R. Fairbanks, Ebasco Environmental

9:00 - 9:30 **Primary Cavity Excavators in Managed Abies Grandis Forest Habitats in Washington's East Cascades.** Kenneth R. Bevis, Central Washington University

9:30 - 10:00 **Impacts of Reduced Flows on Waterfowl Nesting and Predator Use of Snake River Islands—The Swan Falls Water Agreement.** Bruce Zoellick, Helen Ulmschneider, and Wayne Stanley, U.S. Fish and Wildlife Service

10:00 - 10:15 Break

- 10:15 - 10:45 **PSP&L Osprey Nest Enhancement Program.** Melvin L. Walters and Anthony D. Fuchs, Puget Sound Power and Light
- 10:45 - 11:15 **Habitat Characteristics and Population Status of Northern Spotted Owls in Managed Forests of Northwestern California.** Lee B. Folliard and Kerry P. Reese, University of Idaho, and Lowell V. Diller, Simpson Timber Company
- 11:15 - 11:45 **Lead Poisoning in Golden and Bald Eagles.** Erica Craig
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Concurrent Workshops

- 1:00 - 2:30 **Negotiating Environmental Disputes—Promises and Perils.** Melanie Rowland, Attorney—University Room
- 1:00 - 2:30 **Reviewing Environmental Documents—Where's the Beef?** Warren G. Eastland, USDA APHIS, and Dale Toweill, Idaho Department of Fish and Game—Palouse Room
- 2:30 - 2:45 Break

Chapter Business Meetings

- 2:45 - 4:30 Idaho Chapter Business—Palouse Room
- 2:45 - 4:30 Washington Chapter Business—Washington Room
- 6:00 - 10:00 Executive Session—Regents Room
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**Saturday, April 25 (8:00 a.m.-Noon)**

- 7:30 - 9:00 Registration—Main Lobby

Open Concurrent Session—Game Birds. Jeri Williams, Chairperson—University Room

- 8:00 - 8:30 **A Comparison of Survival and Reproduction Between Local and Transplanted Wild Ring-necked Pheasants in Southcentral Idaho.** Thomas Maeder, Montana Cooperative Wildlife Research Unit
- 8:30 - 9:00 **Reproduction of a Southwest Idaho Pheasant Population.** David L. Felley, Montana Cooperative Wildlife Research Unit



- 9:00 - 9:30 **Nesting Habitat of Sympatric Sage and Columbian Sharp-tailed Grouse in Southeastern Idaho.** A. D. Apa and K. P. Reese, University of Idaho, and J. W. Connelly, Jr., Idaho Department of Fish and Game
- 9:30 - 10:00 **The Effects of Fire on Nesting and Brooding Sage Grouse in Southeastern Idaho.** Richard A. Fischer and Kerry P. Reese, University of Idaho, and John W. Connelly, Idaho Department of Fish and Game
- 10:00 - 10:30 **Wild Turkey Management in Idaho, 1961-1991.** Thomas P. Hemker, Idaho Department of Fish and Game
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Open Concurrent Session—Watchable Wildlife. Jerome Hansen, Chairperson—  
Palouse Room

- 8:00 - 8:30 **I Stink, Therefore I Am: Ecological Aspects of a Striped Skunk Population in the Mission Valley, Montana.** Denise Pengeroth, Montana Cooperative Wildlife Research Unit
- 8:30 - 9:00 **Mapping the Distribution of Terrestrial Vertebrates in Idaho.** Bart Butterfield, University of Idaho
- 9:00 - 9:30 **Using Bootstrap to Determine Sample Size in Line Transects.** Gregory A. Green, Ebasco Environmental; Kenneth P. Burnham, Colorado Cooperative Wildlife Research Unit; and Richard A. Grotendorf and John J. Brueggeman, Ebasco Environmental
- 9:30 - 10:00 **Washington's Lynx: The Human Dimension in Wildlife Conservation.** Sylvia A. Thorpe, Bellingham
- 10:00 - 10:30 **Lynx Habitat Management on the Okanogan National Forest—A Proposal.** George Halekus, Tonasket Ranger District, Okanogan National Forest
- 10:30 - 10:45 **Conference Closing and Final Raffle Drawing (You must be present to win)—University Room.** Chuck Blair, President, Northwest Section

Rick Wallen

Thesis Project 85-86

NPS Biological Technician August 87 - ~~August 91~~ <sup>May 91</sup>

currently Resource Management Biologist