



IDAHO CHAPTER

February 1995

Officers

Ernest Ables - President 885-6434
James Unsworth - Vice-president 887-6729
Martha Wackenhut - Treasurer 232-4703
Michael Gratson - Secretary 799-5010

President's Message

The International Association of Fish and Wildlife Agencies, The Wildlife Society, the American Fisheries Society and others have launched a nationwide campaign to support a **Fish and Wildlife Diversity Funding Initiative**. This funding proposal is patterned after the highly successful Pittman-Robertson and Dingell-Johnson federal aid programs. It would basically be the same type of program for nongame. There would be a 5% excise tax on the wholesale price of outdoor gear and products such as backpacks, tents, sleeping bags, binoculars, cameras and film, birdseed, field guides, recreational vehicles and some other items. The estimated \$350 million per year generated by this program would be distributed back to the states to be used for wildlife conservation, outdoor recreation and environmental education. The legislation will be introduced this spring.

Sections, state chapters, student chapters and individual members are encouraged to proactively support this funding initiative by informing elected officials and by urging manufacturers to support the initiative. Chapters are being asked to appoint committees, and develop plans to generate support. We will discuss this at our annual meeting in early March 1995.

Annual Meeting March 9-11, 1995

A copy of the preliminary program for the joint meeting of the Idaho Chapter, The Wildlife Society, the Northwest Scientific Association, and The Northwest Lichen and Moss Guild is printed below. The final program and abstracts will be available during registration.

Have you made reservations at the Shilo Inn on Lindsay Boulevard? 1-800-222-2244. Rooms are \$59.00, double occupancy. Your call to reserve at this special rate must occur by March 3.

Please remit your special fees and/or notify Barry Keller at Idaho State University by FAX if you intend to: attend the Wednesday Social - \$4.00; attend the Banquet - \$14.00 (note featured speaker); plan to go on Field Trip (see brochure mailed to you previously).

The registration feed will be due at the meeting. If you plan to attend the banquet or other events, a special name tag must be prepared in advance.

Contact Gail Lynne Whitney, Director of Continuing Education and Conferences at 1-800-753-4781 or FAX 236-4600 with your information on the above items by March 2. She needs an accurate head count to assure adequate space.

Also, any last minute items for the auction would be appreciated.

See you at Idaho Falls.

PROGRAM 1995 ANNUAL MEETING

March 9,10,11, 1995

**Northwest Scientific Association
Idaho Chapter, The Wildlife Society
The Northwest Lichen and Moss Guild**

**Idaho State University at the
Idaho State University/University of Idaho
Center for Higher Education
Idaho Falls, Idaho**

Location: 1776 Science Center Drive (Exit to Science Center Drive off Interstate on North end of Idaho Falls)

**Northwest Scientific Association
Idaho Chapter, The Wildlife Society
The Northwest Lichen and Moss Guild**

Summary of Events

Wednesday, March 8, 1995

1:00p-5:00p	Partners in Flight Convener: Sharon Ritter, Idaho Department of Fish and Game Grangeville, Idaho	CHE 209
7:00p-9:00p	Reception	Shilo Inn
	Registration	Shilo Inn
7:00p-9:00p	NWSA Board meeting	Shilo Inn
	ICTWS Board meeting	Shilo Inn

Thursday, March 9, 1995

7:30a-noon	Registration	Center for Higher Education Main Entrance
8:00a-5:00p	Preview Room for speakers only	CHE 306
1:30p-5:30p	Poster/Display Session	CHE 207

Shilo Inn Shuttle Bus: Check at Shilo Inn Front Desk for schedule
Open Parking at CHE--no permit required (see map in packet)
Bookstore hours: 9:00a-6:00p

THURSDAY ROOM SUMMARY

Morning Sessions:

Plenary Session Opening		Auditorium
<u>NWSA Symposium:</u>	Ecological Aspects of Waste Management	CHE 213
<u>ICTWS Symposium:</u>	Wolf Recovery	Auditorium

Lunch: NWSA Business Luncheon

Shilo Inn

Afternoon Sessions:

<u>NWSA Botany:</u>	Contributed Papers Session 3	CHE 213
<u>NWSA Forestry:</u>	Contributed Papers Session 4	CHE 214
<u>NWSA Aquatic Ecology:</u>	Contributed Papers Session 5	CHE 215
<u>Lichen Guild Workshop</u>	How to Dye with Lichens	CHE 107
<u>ICTWS Wildlife Management:</u>	Contributed Papers Session 1	CHE 209
<u>ICTWS Nongame Species:</u>	Contributed Papers Session 2	CHE 210

Thursday, March 9, cont.

6:30p-9:00p **NWSA/ICTWS Banquet** **Shilo Inn**
STREAM ECOSYSTEM INTEGRITY: A TEMPORAL
PERSPECTIVE OF DISTURBANCE IN THE PACIFIC
NORTHWEST
Keynote Speaker: G. Wayne Minshall, Ph.D.
Idaho State University, Pocatello, Idaho
Recipient of the 1993 NWSA Outstanding Scientist Award

Friday, March 10, 1995

8:00a-noon Registration Center for Higher Education Main Entrance
8:00a-5:00p Preview Room for speakers only CHE 306
1:30p-5:30p Poster/Display Session CHE 207

Shilo Inn Shuttle Bus: Check at Shilo Inn Front Desk for schedule
Open Parking at CHE--no permit required (see map in packet)
Bookstore hours: 9:00a-6:00p

FRIDAY ROOM SUMMARY

Morning Sessions:

Lichen Guild Workshop How to Process and Identify Microbiotic Crusts CHE 107
NWSA Symposium: Geology of the Eastern Snake River Plain CHE 213
ICTWS Symposium: Riparian Management CHE 211

Lunch: On own

Afternoon Sessions:

NWSA Symposium: Distance Education: The New Frontier CHE 211
NWSA Geology/Geography: Contributed Papers Session 7 CHE 209
NWSA Ecology/Zoology: Contributed Papers Session 8 CHE 218
NWSA Lichen and Mosses: Contributed Papers Session 9 CHE 220
ICTWS Upland Game/Waterfowl: Contributed Papers Session 6 CHE 210

6:00p-10:00p **Social/Auction** **Shilo Inn**
Sponsored by Idaho Chapter, The Wildlife Society

**Program Agenda
Idaho Chapter, The Wildlife Society**

Wednesday, March 8

1:00p-5:00p	Partners in Flight Convener: Sharon Ritter, Idaho Department of Fish and Game, Grangeville, Idaho	CHE 209
7:00p-9:00p	Registration	Shilo Inn
7:00p-9:00p	Reception	Shilo Inn
8:00p-9:00p	Idaho Chapter, The Wildlife Society Board Meeting	Shilo Inn

Thursday, March 9

7:30a-12noon	Registration	CHE Main Entrance
8:00a-8:25a	Plenary Session Welcome (Wood and Lava Rock Bldg, right side of CHE)	Auditorium, University Place

Symposium: Wolf Recovery

Auditorium

Chair: Ted Koch, US Fish and Wildlife Service, Boise, Idaho

Time	Abstract #	Title/Author
8:30a-9:00a	17	WOLF RECOVERY AND REINTRODUCTION IN CENTRAL IDAHO. <u>Ted Koch</u> , <u>Alice Whitelaw</u> , and <u>Valpa Asher</u> , US Fish and Wildlife Service, Boise, Idaho
9:00a-9:20a	18	WOLF NATURAL HISTORY. <u>Alice Whitelaw</u> , <u>Valpa Asher</u> , and <u>Ted Koch</u> , US Fish and Wildlife Service, Boise, Idaho
9:20a-9:40a	19	WOLF CONTROL IN IDAHO. <u>Layne Bangerter</u> , US Department of Agriculture, Animal Damage Control, Boise, Idaho
9:40a-10:00a	20	STATE PERSPECTIVE ON WOLF RECOVERY AND MANAGEMENT OF WOLVES IN IDAHO. <u>Jon Rachael</u> , Idaho Department of Fish and Game, Boise, Idaho
10:00a-10:20a	Break	
10:20a-10:40a	21	THE FARM BUREAU PERSPECTIVE ON WOLF RECOVERY IN IDAHO. <u>Rod Evans</u> , D.V.M., Idaho Farm Bureau, Challis, Idaho
10:40a-11:00a	22	THE CONSERVATIONISTS PERSPECTIVE ON WOLF RECOVERY IN IDAHO. <u>David Langhorst</u> , Wolf Education and Research Center, Ketchum, Idaho
11:00a-noon	Panel Discussion and Questions	
12:15p-1:30p	Lunch on own	

Session 1

Contributed Papers--Wildlife Management

CHE 209

Chair: Jim Unsworth, Idaho Department of Fish and Game, Nampa, Idaho

Time	Abstract #	Title/Author
1:30p-1:50p	84	HABITAT SELECTION IN DRY VS. VERY DRY SAGE STEPPE IN SUMMER BY MULE DEER. <u>Gregory B. Milner</u> and <u>Clint J. Gray</u> , Montana State University, Bozeman, Montana
1:50p-2:10p	85	STRONTIUM-90 CONCENTRATIONS IN DEER ANTLERS IN RELATION TO DEER MOVEMENTS ON THE HANFORD SITE. <u>Brett L. Tiller</u> , <u>L.E. Eberhardt</u> , and <u>T.M. Poston</u> , Pacific Northwest Laboratory, Richland, Washington

Session 1 cont.**Contributed Papers--Wildlife Management****CHE 209**

Time	Abstract #	Title/Author
2:10p-2:30p	86	THE STATUS AND MANAGEMENT OF MOOSE IN IDAHO. <u>Bradley B. Compton</u> , Idaho Department of Fish and Game, Pocatello, Idaho, and <u>Lloyd E. Oldenburg</u> , Idaho Department of Fish and Game, Boise, Idaho
2:30-2:50p	87	YOUNG STAND THINNING AND DIVERSITY IN THE CENTRAL OREGON CASCADES: AN ANALYSIS OF PRETREATMENT VEGETATION AND WILDLIFE HABITAT. <u>Gabriel F. Tucker</u> and <u>Joan C. Hagar</u> , Oregon State University, Corvallis, Oregon
2:50p-3:10p		Break
3:10p-3:30p	88	YOUNG STAND THINNING AND DIVERSITY IN THE CENTRAL OREGON CASCADES: AN ANALYSIS OF PRETREATMENT WILDLIFE ABUNDANCE. <u>Joan C. Hagar</u> , <u>Gabriel F. Tucker</u> , and <u>William C. McComb</u> , Oregon State University, Corvallis, Oregon
3:30p-3:50p	89	EFFECTS OF PRESCRIBED BURNING AND HARVESTING ON SURVIVAL AND VIGOR OF BITTERBRUSH AND WILLOW IN WESTERN MONTANA. <u>Dayna Ayers</u> and <u>Don Bedunah</u> , University of Montana, Missoula, Montana
3:50p-4:10p	90	4-H WILDLIFE HABITAT EVALUATION PROGRAM: A NEW WILDLIFE OUTREACH OPPORTUNITY. <u>Dean Rose</u> , Idaho Department of Fish and Game, Pocatello, Idaho, and <u>Steve Bouffard</u> , US Fish and Wildlife Service, Pocatello, Idaho
4:10p-4:30p	91	WILDLIFE HABITAT MITIGATION FOR FEDERAL HYDROPOWER PROJECTS IN IDAHO. <u>H. Jerome Hansen</u> , <u>S.H. Stovall</u> , <u>M. Beucler</u> , and <u>K.E. Ragotzkie</u> , Idaho Department of Fish and Game, Boise, Idaho

Session 2**Contributed Papers--Nongame Species****CHE 210****Chair: Rich Howard, US Fish and Wildlife Service, Boise, Idaho**

1:30p-1:50p	92	STATUS OF NEOTROPICAL MIGRATORY BIRDS AND PARTNERS IN FLIGHT ACTIVITIES IN IDAHO. <u>Sharon A. Ritter</u> , Idaho Department of Fish and Game, Grangeville, Idaho
1:50p-2:10p	93	PREDICTING NEST-HABITAT FOR <i>BUTEO</i> spp. HAWKS USING A MULTIVARIATE MODEL AND A GEOGRAPHIC INFORMATION SYSTEM. <u>John J. Nugent</u> , University of Montana, Missoula, Montana, and <u>Larry L. Cadwell</u> , Pacific Northwest Laboratory, Richland, Washington
2:10p-2:30p	94	AN INVESTIGATION OF CLIFF-NESTING RAPTORS IN THE HAGERMAN STUDY AREA. <u>Von R. Pope</u> and <u>Anthonte M.A. Holthuijzen</u> , Idaho Power Company, Boise, Idaho
2:30p-2:50p	95	SMALL MAMMAL COMMUNITIES IN THE HAGERMAN VALLEY, SOUTHWESTERN IDAHO. <u>Anthonte M.A. Holthuijzen</u> and <u>Kelly D. Wilde</u> , Idaho Power Company, Boise, Idaho
2:50p-3:10p		Break
3:10p-3:30p	96	SPECIAL PLANT COMMUNITIES IN THE HAGERMAN VALLEY: FLORAL AND FAUNAL CHARACTERISTICS. <u>Kelly D. Wilde</u> and <u>Anthonte M.A. Holthuijzen</u> , Idaho Power Company, Boise, Idaho
3:30p-3:50p	97	ROOST SELECTION IN A PLEISTOCENE RELICT- <i>Plecotus townsendii</i> . <u>J. Mark Perkins</u> , <u>J.R. Peterson</u> , and <u>A.J. Perkins</u> , PNW Bat Research Team, Portland, Oregon

Poster**CHE 207**

1:30p-4:30p	98	CARNIVORES IN A TROPICAL DRY FOREST OF WESTERN MEXICO: TEST OF METHODS. <u>Carlos A. Lopez Gonzalez</u> , <u>John W. Laundre</u> , and <u>Kelly Altendorf</u> , Idaho State University, Pocatello, Idaho, and <u>Alberto Gonzalez Romero</u> , Instituto de Ecologia, Xalapa, Mexico
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Thursday, March 9, cont.

6:30p-9:00p

NWSA/ICTWS Banquet

Shilo Inn

**STREAM ECOSYSTEM INTEGRITY: A TEMPORAL
PERSPECTIVE OF DISTURBANCE IN THE PACIFIC
NORTHWEST**

Keynote Speaker: G. Wayne Minshall, Ph.D.
Idaho State University, Pocatello, Idaho
Recipient of the 1993 NWSA Outstanding Scientist Award

Friday, March 10

8:00a-noon

Registration

CHE Main Entrance

8:00a-3:00p

Preview Room available for speakers

CHE 306

Symposium: Riparian Management

CHE 211

Chair: Kirk Lohman, University of Idaho, Moscow, Idaho

Time	Abstract #	Title/Author
8:50a-9:00a		Introduction to Symposium: Kirk Lohman, University of Idaho, Moscow, Idaho
9:00a-9:20a	23	AN ECOSYSTEM APPROACH FOR DETERMING RIVER FLOWS. <u>William S. Platts</u> , Don Chapman Consultants, Boise, Idaho
9:20a-9:40a	24	RESTORATION AND MANAGEMENT OF RIPARIAN HABITATS AT HART MOUNTAIN NATIONAL ANTELOPE REFUGE, SOUTH-CENTRAL OREGON. <u>Barry Retswig</u> , US Fish and Wildlife Service, Pocatello, Idaho
9:40a-10:00a	25	DEMONSTRATION OF TWO TECHNIQUES TO MEASURE VEGETATIVE CHANGE IN RIPARIAN HABITATS. <u>Howard G. Hudak</u> , US Department of Agriculture, Sawtooth National Forest, Twin Falls, Idaho
10:00a-10:20a		Break
10:20a-10:40a	26	DECLINING RIPARIAN ECOSYSTEMS IN THE WESTERN UNITED STATES: CAUSES AND PROPOSED FIXES. <u>Robert A. Obedzinski</u> and <u>Charles G. Shaw, III</u> , USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado
10:40a-11:00a	27	THE IMPORTANCE OF RIPARIAN HABITAT TO AMPHIBIANS AND OF AMPHIBIANS TO RIPARIAN ECOSYSTEMS. <u>Charles Peterson</u> , Department of Biological Sciences, Idaho State University, Pocatello, Idaho
11:00a-11:20a	28	RIPARIAN ZONES AND BIG GAME. <u>James M. Peek</u> , Department of Fish and Wildlife Resources, University of Idaho, Moscow, Idaho
11:20a-noon		Panel discussion and questions
noon-1:30p		Lunch on own

Time	Abstract #	Title/Author
1:30p-1:50p	99	OXFORD SLOUGH DUCK NESTING STUDY: FINAL REPORT. <u>Bradley B. Compton</u> , <u>Daryl Meints</u> , and <u>Carl Anderson</u> , Idaho Department of Fish and Game, Pocatello, Idaho, <u>Mike Johnson</u> , US Fish and Wildlife Service, Pocatello, Idaho
1:50p-2:10p	100	SAGEGROUSE IN IDAHO: FORUM-94'. <u>Samuel N. Mattise</u> , Boise District, Bureau of Land Management, Boise, Idaho
2:10p-2:30p	101	ECOLOGY OF REINTRODUCED COLUMBIAN SHARP-TAILED GROUSE IN SOUTHERN IDAHO. <u>Scott C. Gardner</u> , <u>Kerry P. Reese</u> , University of Idaho, Moscow, Idaho, and <u>John W. Connelly</u> , Idaho Department of Fish and Game, Pocatello, Idaho
2:30p-2:50p	102	WINTER ECOLOGY OF COLUMBIAN SHARP-TAILED GROUSE IN SOUTHEASTERN IDAHO. <u>Mark J. Ulliman</u> , <u>Kerry P. Reese</u> , University of Idaho, Moscow, Idaho, and <u>John W. Connelly</u> , Idaho Department of Fish and Game, Pocatello, Idaho
2:50p-3:10p		Break
3:10p-3:30p	103	DO COLUMBIAN SHARP-TAILED GROUSE SUBSTITUTE HARD SEEDS FOR GRIT IN WINTER? <u>Kerry P. Reese</u> , <u>James W. Schneider</u> , University of Idaho, Moscow, Idaho, and <u>John W. Connelly</u> , Idaho Department of Fish and Game, Pocatello, Idaho
3:30p-5:00p		Business Meeting, Idaho Chapter, The Wildlife Society

6:00p-10:00p Social/Auction
Sponsored by Idaho Chapter, The Wildlife Society
Shilo Inn



MAR 13 1995

IDAHO CHAPTER
THE WILDLIFE SOCIETY



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