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# WESTERN

## ASSOCIATION OF STATE GAME & FISH COMMISSIONERS

1922  
1973

### GAME GUARDIANS TO CONFER IN SALT LAKE

Seven States Will Undertake to Evolve Plans for Cooperative Work Here.

State fish and game commissioners of six western states will here have a conference of experts to evolve plans for cooperative work here.

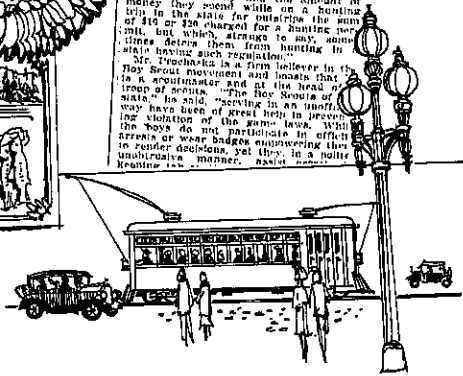


represented at the six states to be Arizona, New Mexico, Colorado, Utah, Wyoming and Idaho.

Mr. Prochaska, state fish and game commissioner of Arizona, arrived in Salt Lake yesterday from Phoenix, and is a guest at the Hotel Utah.

There are a number of things I want to bring up at this conference," Mr. Prochaska said. "I have very devoted game wardens, among other things, in Arizona concerning the business of favor of better residents of neighboring states hunt without paying license fees. Most of that class are for the money they spend while on a hunting trip in the state for outside the sum of \$10 or \$20 charged for a hunting permit, but which, strange to say, sometimes deters them from hunting in the state."

Mr. Prochaska is a firm believer in the Boy Scout movement and insists that it is a continuation and at the head of troops of scouts. "The Boy Scouts of way have been of great help in preventing violation of the game laws, which the boys do not participate in effect in tender decisions, yet they, in a polite unobtrusive manner, assist in the enforcement of the law."



**53rd Annual Conference  
WESTERN ASSOCIATION OF STATE  
GAME AND FISH COMMISSIONERS**

and

**WESTERN DIVISION  
AMERICAN FISHERIES SOCIETY**

Theme:

"Fitting Wildlife Into The Land  
Use Planning Jigsaw"

Salt Lake City, Utah

July 11-13, 1973



CALVIN L. RAMPTON  
GOVERNOR

STATE OF UTAH  
OFFICE OF THE GOVERNOR  
SALT LAKE CITY

Welcome:

On behalf of my fellow Utahns, I extend greetings to the membership of the Western Association of State Game and Fish Commissioners. We wish you a successful convention.

We are extremely proud of the fact that your Association had its beginning here in Salt Lake City in 1922, and we are proud of David H. Madsen, founder of the Association.

Utah is blessed with an abundance of wildlife; however, we recognize that if these resources are to effectively serve the people, and if we are to maintain the delicate balance between man and his environment, our wildlife must be properly protected and managed.

We are delighted to have the opportunity to be the host to this conference of the West's leading experts in the area of managing our wildlife resources.

Sincerely,

*Calvin L. Rampton*  
Governor



*State of Utah*  
GOVERNOR  
CALVIN L. RAMPTON  
DIRECTOR  
JOHN E. PHELPS



WILDLIFE BOARD  
LEWIS C. SMITH, CHAIR  
DR. PAUL STRINGHAM  
LELAND E. SWANER  
ROY L. YOUNG  
ESLIE J. ANDERSON  
1804 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
PHONE 801-323-9201

Welcome:

It is my pleasure as host for the 1973 Western Conference, to welcome you to beautiful Salt Lake City.

We are extremely proud of our scenic state and its heritage and hope you have time to visit some of our spectacular country. From the high mountain wilderness areas to the great red canyonlands; from cascading waterfalls to the expansive Great Salt Lake Desert, there is something here for everyone. Backpackers, rock hounds, fishermen, hunters, skiers and history lovers--all are at home in the Beehive State.

If any of us in the Division of Wildlife Resources, or the Board members, can be of assistance in anyway, please let us know.

Sincerely,

*John E. Phelps*

John E. Phelps  
Director

## HISTORY

The Western Association of State Game and Fish Commissioners was founded in 1922 at Salt Lake City, Utah, by David H. Madsen, who at that time was commissioner (director) of the Utah Fish and Game Department.

Attempts to organize a Western association were instigated as early as 1918 by Mr. Madsen's predecessor, R. H. Siddoway.

Even before the Armistice of World War I was signed, Mr. Siddoway invited the fish and game administrators of Arizona, Colorado, Wyoming, Montana, Idaho and Nevada to meet with him at Salt Lake City for the purpose of discussing matters of common interest and forming an organization, but an influenza epidemic prevented the meeting.

Another meeting was scheduled by Mr. Siddoway for February 1920, and again a flu epidemic interfered. Nothing further was attempted until November of 1921 when David Madsen, having succeeded Commissioner Siddoway in office, proposed that the Commissioners from the western states should meet in Salt Lake City on January 16 and 17, 1922.

The inspiration for Mr. Madsen's interest was the severe outbreak of duck sickness that occurred on Utah's marshes about the time he took office in 1921. He realized that the duck sickness situation was so critical that something had to be done about it.

His first step was to go to New York to attend the American Game Protective Association conference and acquaint its members with the tragic situation. Although quite ill, Mr. Madsen left his sick bed to present his prepared paper describing the terrible loss of ducks at Bear River marshes.

Impatient for results, he took a cue from Commissioner Siddoway and began corresponding with the executive officers of the fish and game departments of

the ten other western states. Meeting with friendly, cooperative response, Mr. David H. Madsen determined to form an association of the western states to initiate action and to bring pressure to bear whenever and wherever needed to help solve western problems of mutual interest.

In his 1921-22 biennial report to Governor Charles R. Mabey, Madsen wrote:

It was thought advisable to have an organization of fish and game commissioners from the several states of the West whose problems are similar. . . . The Commissioners of ten western states were invited to Salt Lake City last January and an organization affected known as the Western Association of State Fish and Game Commissioners. The organization of this association, which means much to the future development of fish and game in the West, has resulted in much closer cooperation between the States, and a helpful exchange of ideas as to the best methods of protection and propagation. . . .

The seven states represented at the first conference of the Western were Arizona, Colorado, Montana, New Mexico, Oregon, Utah and Wyoming.

An article from the Salt Lake Tribune for January 15, 1922, is reproduced on the cover of this program. The article reads in part as follows:

State fish and game commissioners of seven western states will meet in conference here Monday and Tuesday for the purpose of effecting a permanent organization and for round table discussion of various phases of laws governing wildlife of these states. It is the first conference of its kind ever called, according to D. H. Madsen, Utah fish and game commissioner. Morning and afternoon sessions beginning at 10 o'clock and 2 o'clock are to be held in Mr. Madsen's office at the state capitol.

Matters of interest to Utahns which are scheduled to come up for consideration are uniform nonresi-

dent licenses, trappers' licenses, federal versus state control of migratory birds, public shooting grounds, uniform system of tagging furbearing animals for shipment and cooperative plans for effective stocking of interstate waters.

Joe V. Prochaska, state fish and game commissioner of Arizona, arrived in Salt Lake yesterday from Phoenix, and is a guest at the Hotel Utah.

"There are a number of things I want to bring up at this conference," Mr. Prochaska said. "I have very decided ideas concerning, among other things, predatory animals and the issuance of nonresident licenses. In Arizona I am in favor of letting residents of neighboring states hunt without paying large license fees."

This year's conference marks the seventh time that the annual meeting has been held in Salt Lake City (1922, 1932, 1941, 1944, 1948, 1960, and 1973).

When the organization was formed in 1922 its name was established as the WESTERN ASSOCIATION OF STATE FISH AND GAME COMMISSIONERS. Following that first meeting, A. E. Burghduff of Oregon was appointed a committee of one to draft the by-laws for the association. These first by-laws give the official name of the association as the WESTERN ASSOCIATION OF STATE GAME COMMISSIONERS. Sometime between 1928 and 1938 the name was again changed to its present form — WESTERN ASSOCIATION OF STATE GAME AND FISH COMMISSIONERS.

The cover art work of this program is by Roy Olsen and the portrait of David H. Madsen was drawn by Edwin V. Rawley.

## WESTERN ASSOCIATION OF STATE GAME AND FISH COMMISSIONERS

### OFFICERS

John E. Phelps, President  
Utah  
Ladd S. Gordon, 1st Vice Pres-ident — New Mexico  
Carl N. Crouse, 2nd Vice Pres-ident — Washington  
Joseph C. Greenley, 3rd Vice President — Idaho  
Robert L. Salter, Secretary  
Idaho

### CONFERENCE PROGRAM COMMITTEE

John E. Phelps, Chairman  
Donald Andriano  
Thadys W. Box  
John Douglas  
Alton V. Frazier  
Vernon O. Hamre  
Norman V. Hancock  
John E. Nagel  
Edwin V. Rawley  
Donald A. Smith

### CONFERENCE ARRANGEMENTS COMMITTEE

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Edwin V. Rawley  
Accommodations and Housing  
Dan C. Dufphey, Chairman  
Registration and Information  
Jay R. Udy, Chairman  
Finance  
E. Stewart Clark, Chairman  
Banquet and Entertainment  
Alton V. Frazier, Chairman  
Special Events  
George McLaughlin &  
A. Lee Robertson,  
Co-Chairmen  
Program and Printing  
Angie Splittgerber, Chairman  
Ladies Social Committee  
William H. Tate, Chairman  
Transportation  
T. Dean Spackman, Chairman  
Exhibits and Displays  
Douglas F. Day, Chairman  
Welcoming  
Don Andriano &  
Norman V. Hancock,  
Co-Chairmen  
Publicity  
Don S. Paul, Chairman

### UTAH WILDLIFE BOARD

Dr. Paul Stringham, Chairman  
Leslie J. Anderson  
Roy L. Young  
Lewis C. Smith  
Leland S. Swaner

## PRE-CONFERENCE MEETINGS

Tuesday, July 10, 1973

### COMMITTEE MEETINGS

9:00 a.m.	River Basins Symposium	Junior Ballroom
9:00 a.m.	Nonresident Study Committee	Pioneer Room
11:00 a.m.	Executive Committee	President's Room
1:00 p.m.	Nominating, Time and Place Committee	Room 232
1:00 p.m.	Audit Committee	Room 233
1:00 p.m.	Legislative Committee	President's Room
1:00 p.m.	Public Lands and Off-Road Vehicle Committees	Room C-39
1:00 p.m.	Taxidermy Committee	Room 240
1:00 p.m.	B.L.M. Fence Standards	Empire Room
1:30 p.m.	Standard Stream Survey Committee	Mission Room
2:00 p.m.	Resolutions Committee	Pioneer Room
2:00 p.m.	Awards Committee	Room C-38
2:30 p.m.	Coordination Committee	Room 241
3:00 p.m.	Pacific Flyway Council	Empire Room
4:00 p.m.	Conservation Education Committee	Pioneer Room

### WILDLIFE BIOTELEMETRY MEETING

1:30-5:00 p.m. Junior Ballroom

Co-Chairmen: Herbert Hagen, California Department of Fish & Game

Glen C. Christensen, Nevada Department of Fish & Game

#### Participants:

Ronald Smith — Arizona Game & Fish Department  
 Herbert Hagen — California Dept. of Fish & Game  
 Glen C. Christensen — Nevada Dept. of Fish & Game  
 Walt Snyder — New Mexico Dept. of Game & Fish  
 Dr. John Rayner — Oregon Game Commission  
 Donald Beale — Utah Division of Wildlife Resources  
 Dr. R. Hudson — Division of Animal Science —  
 Faculty of Agriculture, U. of British Columbia

## PROGRAM

Wednesday, July 11, 1973

### GENERAL SESSION

Conference Theme: "Fitting Wildlife Into the Land Use Planning Jigsaw"

9:00 a.m.-12:00 noon Lafayette Ballroom

Chairman: John E. Phelps, President, Western Association of State Game and Fish Commissioners, Salt Lake City, Utah

Roll Call and Introductions

Welcome to Utah: Honorable Calvin L. Rampton, Governor of Utah

### WILDLIFE AND LAND USE PLANNING

Moderator: G. Ray Arnett, Director, California Department of Fish and Game

Thomas L. Kimball, Executive Vice President, National Wildlife Federation, Washington, D.C.

Jack Hooper, Oppenheimer Industries, Inc., Kansas City, Missouri

Colonel Frederick G. Rockwell, Jr., Department of the Army, Sacramento District, Corps of Engineers

L. P. Voigt, Secretary, Department of Natural Resources, Madison, Wisconsin

Wednesday, July 11, 1973

**COMMISSIONERS AND DIRECTORS SESSION**

**The Commissioner and Proposed  
Legislation**

Pioneer Room

1:30-4:45 p.m.

Moderator: Dr. Jay Childress, Monte Vista, Colorado

Discussion Leader: Glenn Galbraith, Wellpinit, Wash.

**1:30-2:00—The Commissioner's Role in Influencing Pro-  
posed Legislation in the Arizona Legislature.**

Senator James A. Mack, Phoenix, Arizona

**2:00-2:30—The Commissioner's Role in Influencing Pro-  
posed Legislation in the Utah Legislature.**

Senator Hughes W. Brockbank, Salt Lake City,  
Utah

**2:30-3:00—How the California Commission Deals With  
Proposed Legislation.**

Peter T. Fletcher, California Fish and Game  
Commission

3:00-3:15—BREAK

**3:15-3:45—How the Colorado Commission Deals With  
Proposed Legislation.**

R. Withers Cool, Colorado Wildlife Commission

**3:45-4:15—How the New Mexico Commission Deals With  
Proposed Legislation.**

Edward Munoz, New Mexico Game Commission

**4:15-4:45—How the Nevada Commission Deals With  
Proposed Legislation.**

Robert L. McDonald, Nevada Board of Fish and  
Game Commissioners

Wednesday, July 11, 1973

**WILDLIFE SESSION I**

**Big Game**

Lafayette Ballroom

1:30-4:45 p.m.

Chairman: Robert U. Mace, Chief, Game Division,  
Oregon Game Commission

**1:30-2:00—Zoning Efforts Save An Important Elk Calv-  
ing Area.**

Joseph Gerranis, Colorado Division of Wildlife

**2:00-2:30—Elk Behavior in Relation to Multiple Uses on  
the Medicine Bow National Forest**

A. Lorin Ward, Rocky Mt. Forest & Range Ex-  
periment Station, Laramie, Wyoming

**2:30-3:00—Physical Condition Indices of Mule Deer and  
a Corresponding Weather Stress Index in Northern  
Colorado**

Laren A. Roper, James Lipscomb and R. Bruce  
Gill, Colorado Division of Wildlife

3:00-3:15—BREAK

**3:15-3:45—Ecology of the Fall River Moose Herd**

Brent W. Ritchie, Idaho Fish and Game Depart-  
ment

**3:45-4:15—Push Button Deer Management: Boon or  
Boondoggle?**

Dr. Jack Gross, U.S. Bureau of Sport Fisheries  
& Wildlife, Colorado Coop. Wildlife Research  
Unit

**4:15-4:45—The Impact of Severe Winter and Fences on  
Antelope Mortality in South Central Wyoming.**

Phillip Riddle & Charles Oakley, Wyoming Game  
and Fish Commission

Wednesday, July 11, 1973

## WILDLIFE SESSION II

### Upland Game

Junior Ballroom

1:30-4:45 p.m. Pheasant Habitat Deterioration Trends—  
Can they be Reversed?

Panel Moderator: Glen C. Christensen, Chief, Division  
of Game, Nevada Department of Fish and Game

#### Panel Members:

David Brown — Arizona Game & Fish Department  
Harold T. Harper — California Department of Fish  
& Game

Warren D. Snyder — Colorado Division of Wildlife  
Richard Norell — Idaho Fish & Game Department  
John Wiegand — Montana Fish & Game Department  
Glen C. Christensen — Nevada Department of Fish  
& Game

Walter A. Snyder — New Mexico Department of  
Fish & Game

Robert U. Mace — Oregon State Game Commission

Darrell Nish — Utah Division of Wildlife Resources

Garry Garrison — Washington Department of Game

Rex M. Corsi — Wyoming Game & Fish Commission

Wednesday, July 11, 1973

## INFORMAL MEETING OF ENGINEERING PERSONNEL

1:30 p.m.

Room C-39

Chairman: Glyn E. Steiner, Chief Engineer, Washington  
Department of Game

Wednesday, July 11, 1973

## FISHERIES SESSION I

### Advances in Striped Bass Culture & Stocking Results

Empire Room

1:30-4:15 p.m.

Chairman: Jack L. Harper, Oklahoma Department of  
Wildlife Conservation, Caddo, Oklahoma

#### 1:30-2:00—Inland Striped Bass

Bob Stevens, Marine Protein Corp., Miami, Florida

#### 2:00-2:30—A Device for Continuous Egg Sampling in Lotic Waters

Don Baker, North Carolina Wildlife Resources  
Commission, Raleigh, North Carolina

#### 2:30-3:00—Culture of Striped Bass in Raceways Under Controlled Conditions

Larry C. Nicholson, Gulf Coast Research Labora-  
tory, Ocean Springs, Mississippi

#### 3:00-3:15—BREAK

#### 3:15-3:45—Oklahoma's Striped Bass Production

Jack L. Harper, Oklahoma Department of Wild-  
life Conservation, Caddo, Oklahoma

#### 3:45-4:15—Acute Toxicity of Thirty Chemicals to Striped Bass

Janice S. Hughes, Louisiana Wildlife and Fisheries  
Commission, Monroe, Louisiana



Wednesday, July 11, 1973

**FISHERIES SESSION II**

**Pesticides and Fish — Where Are We?** Mission Room

1:30-4:45 p.m.

Chairman: Clarence Cottam, Welder Wildlife Foundation, Sinton, Texas

**1:30-2:00—PCB's, Mercury and Heavy Metals in Relation to Fish and Aquatic Life**

Don Buhler, Oregon State University, Corvallis, Oregon

**2:00-2:30—Status of Herbicides and Their Relation to Fisheries and the Environment**

Charles Walker, U.S. Fish and Wildlife Service, Washington, D.C.

**2:30-3:00—Air Pollution and the Effects on People and Wildlife**

Robert Pendleton, University of Utah, Salt Lake City, Utah

3:00-3:15—BREAK

**3:15-3:45—Organophosphates and Carbomates and Their Relation to Fisheries and Aquatic Life**

John Eaton, Water Quality Laboratory, Duluth, Minnesota.

**3:45-4:15—Effects of Persistent Pesticides on Wildlife and Fisheries**

Charles Loveless, Bureau of Sport Fisheries & Wildlife, Washington, D.C.

**4:15-4:45—Effects on Fish and Wildlife of Newer Pesticides and Other Pollutants**

William Stickle, Patuxent Wildlife Research Center, Laurel, Maryland

Wednesday, July 11, 1973

**LAW ENFORCEMENT SESSION**

1:30-4:45 p.m.

President's Room

Chairman: Walter S. Hershey, Captain, Game Division, Department of State Police, Salem, Oregon

**1:30-2:00—The Wildlife Officer's Role in Recreational Access to Private Land**

Erwin J. Kent, Assistant Administrator, Montana Department of Fish & Game

**2:00-2:30—An Evaluation of Public Compliance With Wildlife Regulations**

Donald F. Stork, Patrol Inspector, and Frederick Walgenbach, Senior Resources Economist, California Department of Fish & Game

**2:30-3:30—Nongame Species — How Do They Affect the Conservation Officer?**

W. F. Kramer, Assistant Chief, Wildlife Management Division, Washington Department of Game

3:00-3:15—BREAK

**3:15-4:45—Panel Discussion — "Training the Wildlife Enforcement Officer"**

Discussion Leader: John E. Nagel, Chief, Law Enforcement, Utah Division of Wildlife Resources

Wednesday, July 11, 1973

**INFORMATION AND EDUCATION SESSION**

1:30-4:45 p.m.

Room C-38

Chairman: Alton V. Frazier, Chief, Information and Education, Utah Division of Wildlife Resources

**1:30-2:00—Video Tape Application in Wildlife**

Keith M. Thomas, Sales Engineer, Telemation Sales, Inc., Salt Lake City, Utah

**2:00-3:00—Preparation and Selection of Public Service Messages**

Bennie L. Williams, Station Manager, KALL Radio, and LaMar Smith, Program Director, KUTV, Salt Lake City, Utah

**3:00-3:15—BREAK**

**3:15-3:45—Interstate I & E Programs**

E. Charles Fullerton, Deputy Director, California Department of Fish and Game

**3:45-4:15—Impact and Survival of an Environmental Newspaper**

Thomas A. Bell, Editor, High Country News, Lander, Wyoming

**4:15-4:45—Remote Broadcasting of Wildlife Messages**

Stephen C. Phillips, Production Engineer, INFO Systems, Inc., Bozeman, Montana

Thursday, July 12, 1973

**GENERAL SESSION**

9:00 a.m.-12:00 noon

Lafayette Ballroom

Chairman: Robert A. Jantzen, Director, Arizona Game and Fish Department

**Fitting Wildlife Into The Forest Service Land Use Planning Program**

John R. McGuire, Chief, Forest Service, United States Department of Agriculture

**Fitting Wildlife Into The BLM Land Use Planning Program**

Burton W. Silcock, Director, Bureau of Land Management, United States Department of the Interior

**The University's Role In Land Use Planning**

Dr. Thadis W. Box, Dean, College of Natural Resources, Utah State University

**Space and Man's Environment**

Dr. James C. Fletcher, Administrator, National Aeronautics and Space Administration

Thursday, July 12, 1973

### COMMISSIONERS & DIRECTORS SESSION

#### The Commissioner's Role

Pioneer Room

1:30-3:00 p.m.

Moderator: H. Jack Alvord, Idaho Fish and Game Commission

Discussion Leader: Wayne E. Kirch, Nevada Board of Fish and Game Commissioners

1:30-2:00—**A Commissioner's Responsibility to His Constituents**

Allan L. Kelly, Oregon Game Commission

2:00-2:30—**A Commissioner's Viewpoint on How a Department can Improve Its Public Image**

James Castberg, Wyoming Game and Fish Commission

2:30-3:00—**What Segment of the Population should a Commissioner Represent?**

Milton G. Evans, Arizona Game and Fish Commission

3:00-3:15—BREAK

#### Workshop Committee Reports

3:15-4:55 p.m.

Moderator: Leslie Pengelly, Montana Fish and Game Commission

3:15-3:40—**Mule Deer Workshop**

John P. Russo, Chief, Game Management, Arizona Game and Fish Department

3:40-4:05—**Elk Workshop**

Eugene O. Allen, Montana Department of Fish and Game

4:05-4:30—**Antelope Workshop**

H. O. Compton, Montana Department of Fish and Game

4:30-4:55—**Sage Grouse Workshop**

Duane Pyrah, Montana Department of Fish and Game

Thursday, July 12, 1973

### WILDLIFE SESSION I

#### Big Game

Junior Ballroom

1:30-4:45 p.m. **Mule Deer Hunter and Harvest Trends Since 1962**

Panel Moderator: Wayne W. Sandfort, Game Manager, Colorado Division of Wildlife

#### Panel Members:

John P. Russo — Arizona Game & Fish Department  
Wallace MacGregor — California Department of Fish & Game

Gary Meyers — Colorado Division of Wildlife  
Errol Nielson — Idaho Fish & Game Department  
Wynn G. Freeman — Montana Fish & Game Department

George Tsukamota — Nevada Department of Fish & Game

Walter A. Snyder — New Mexico Department of Fish & Game

Paul Ebert — Oregon State Game Commission  
Rodney T. John — Utah Division of Wildlife Resources

Lowell Parsons — Washington Department of Game  
Rex M. Corsi — Wyoming Game & Fish Commission

Thursday, July 12, 1973

**WILDLIFE SESSION II**

**Small Game**

President's Room

1:30-4:15 p.m.

Chairman: Roger M. Williams, Chief, Game Division,  
Idaho Fish & Game Department

1:30-2:00—**The Loss and Deterioration of Riparian Communities and Their Effects on Wildlife with Particular Emphasis on the White Wing Dove**

David Brown, Arizona Game & Fish Department

2:00-2:30—**Duck Viral Enteritis**

Dr. Milton Friend, U.S. Bureau of Sport Fisheries  
& Wildlife, Denver, Colorado

2:30-3:00—**Pheasant Losses from Mowing Alfalfa**

Donald Galbreath, Washington Department of  
Game

3:00-3:15—**BREAK**

3:15-3:45—**Distribution and Habitats of Band-tailed Pigeons in Colorado**

Dr. Clait E. Braun, Colorado Division of Wildlife

3:45-4:15—**The Parker Mountain Sage Grouse Study**

Joseph Jarvis, Bureau of Land Management,  
Cedar City, Utah

Thursday, July 12, 1973

**WILDLIFE SESSION III**

**Nongame**

Room C-38

1:30-4:45 p.m.

Chairman: Eldridge G. Hunt, Chief, Wildlife Management Branch, California Department of Fish & Game

1:30-2:00—**The State's Role in Nongame Management**  
Howard Leach, California Department of Fish & Game

2:00-2:30—**The Bureau of Sport Fisheries and Wildlife Endangered Species Program**

Keith M. Schreiner, U.S. Bureau of Sport Fisheries  
& Wildlife, Washington, D.C.

2:30-3:00—**The Audubon Society Views the State's Role in Rare and Endangered Species and Nongame Wildlife Management**

Eugene Knoder, National Audubon Society,  
Denver, Colorado

3:00-3:15—**BREAK**

3:15-3:45—**The Chaotic Coyote Controversy: A Challenge Joined**

Dr. Frederick F. Knowlton, U.S. Bureau of Sport  
Fisheries & Wildlife, Logan, Utah

3:45-4:15—**Distribution and Status of the Rocky Mountain Greater Sandhill Crane**

Roderick Drewien, Idaho Cooperative Wildlife  
Research Unit, University of Idaho, Moscow,  
Idaho

4:15-4:45—**Nesting Density of the Prairie Falcon in Idaho**

Verland T. Ogden, Idaho Cooperative Wildlife  
Research Unit, University of Idaho, Moscow,  
Idaho

Thursday, July 12, 1973

**FISHERIES SESSION I**

**Fish and Wildlife Plans — Their Design  
and Difficulties**

Mission Room

1:00-2:00 p.m.

Chairman: Monte Richards, Idaho Fish and Game Department, Boise, Idaho

**1:00-1:30—Oregon Fish & Wildlife Plan**

Bob Stein, Oregon Game Commission, Portland, Oregon

**1:30-2:00—California Fish & Wildlife Plan of 1966 —  
Its Success and Shortcomings**

James B. Stokes, Environmental Consultant, Jones and Stokes, Inc., Sacramento, California

Thursday, July 12, 1973

**WESTERN DIVISION,  
AMERICAN FISHERIES SOCIETY**

**Business Session**

Mission Room

2:00-5:00 p.m.

Presiding Officer: Ralph W. Larson, President, Washington Game Department, Olympia, Washington

2:00-3:00 p.m.

**Panel: How Western Chapters' Roles Can Be More  
Meaningful In Division Functions**

Panel Leader: John Peters, Bureau of Reclamation, Denver, Colorado

Chapter Representatives from: Montana, Colorado, Oregon and California

3:00-5:00 p.m.

Other Business and Election of Officers

Friday, July 13, 1973

**WESTERN ASSOCIATION OF STATE  
GAME AND FISH COMMISSIONERS**

**Business Session**

Lafayette Ballroom

9:00 a.m.-12:00 noon

Chairman: John E. Phelps, President, Western Association of State Game and Fish Commissioners, Salt Lake City, Utah

Friday, July 13, 1973

**FISHERIES SESSION I**

**River Management and Problems of  
Gas Bubble Disease**

Empire Room

9:00-12:00 noon

Chairman: Bill Rees, Washington Department of Fisheries,  
Olympia, Washington

**9:00-9:30—Mode of Discharge and Saturation Levels  
Below Two Colorado Reservoirs**

Ron Garton, Environmental Protection Agency,  
Corvallis, Oregon

**9:30-10:00—Saturation Effects on Adult Salmonids**

Gerry Bouck, Environmental Protection Agency,  
Corvallis, Oregon

**10:00-10:30—Saturation Effects on Juvenile Salmonids**

Wes Ebel, National Marine Fisheries Service,  
Seattle, Washington

10:30-10:45—BREAK

**10:45-11:15—Saturation Problems at Libby Dam**

Art Whitney, Montana Fish and Game Department,  
Helena, Montana

**11:15-12:00—Nitrogen Saturation Remedies**

Ed Mains, U.S. Army Corps of Engineers, Portland,  
Oregon

Friday, July 13, 1973

**FISHERIES SESSION II**

**The Natural Stream Concept  
Versus Exploitation**

Mission Room

9:00-12:00 noon

Chairman: Joe Stone, Arizona Game and Fish Department,  
Phoenix, Arizona

**9:00-9:30—How Stream Channel Alteration Affects  
Fisheries Values**

Richard Baldes, Bureau of Sport Fisheries and  
Wildlife, Lander, Wyoming

**9:30-10:00—Evaluation of Various Flow Regimes to  
Determine Instream Requirements of Fish**

Al Elser, Montana Fish and Game Department,  
Miles City, Montana

**10:00-10:30—What Makes The Snake River in Hells  
Canyon a River?**

Charles Koski, National Marine Fisheries Service,  
Portland, Oregon

10:30-10:45—BREAK

**10:45-11:15—Montana's Stream Preservation Law**

Ralph Boland, Montana Fish and Game Department,  
Helena, Montana

**11:15-12:00—How Land Use Planning Affects the Fishery  
Resource**

William Platts, United States Forest Service,  
Boise, Idaho

# SCHEDULE OF MEETINGS AND EVENTS

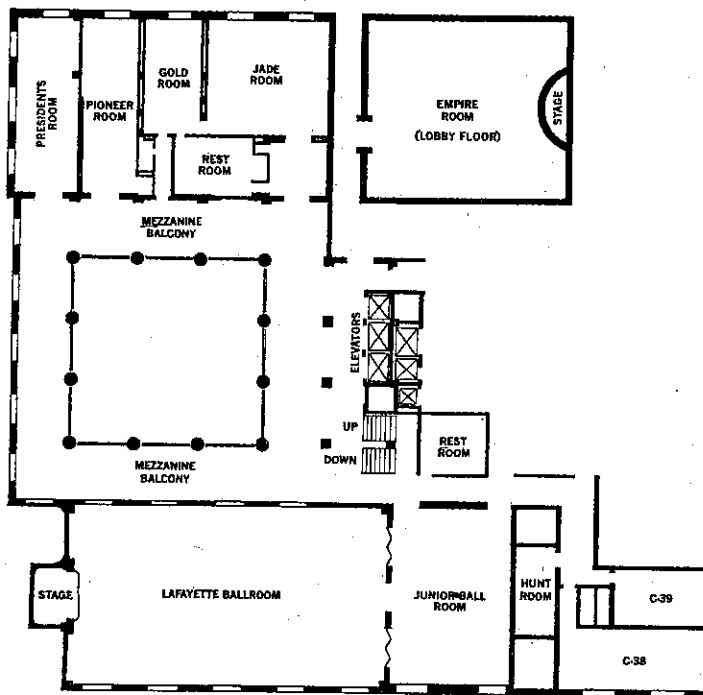
## WESTERN ASSOCIATION OF STATE GAME AND FISH COMMISSIONERS

### HOTEL UTAH

LOCATION	TUESDAY JULY 10, 1973	WEDNESDAY JULY 11, 1973	THURSDAY JULY 12, 1973	FRIDAY JULY 13, 1973
JADE ROOM	Registration and Information 1:00 p.m. - 5:00 p.m.	Registration and Information 8:00 a.m. - 5:00 p.m.	Registration and Information 8:00 a.m. - 5:00 p.m.	Registration and Information 8:00 a.m. - 1:00 p.m.
GOLD ROOM	Ladies Hospitality Room 1:00 p.m. - 5:00 p.m.	Ladies Hospitality Room 9:00 a.m. - 5:00 p.m.	Ladies Hospitality Room 9:00 a.m. - 5:00 p.m.	Ladies Hospitality Room 9:00 a.m. - 1:00 p.m.
ROOM C-43	Conference HQ & Press Room 10:00 a.m. - 7:00 p.m.	Conference HQ & Press Room 8:00 a.m. - 6:00 p.m.	Conference HQ & Press Room 8:00 a.m. - 5:30 p.m.	Conference HQ & Press Room 8:00 a.m. - 1:00 p.m.
MEZZANINE	Exhibits 1:00 p.m. - 7:00 p.m.	Exhibits 8:00 a.m. - 6:00 p.m.	Exhibits 8:00 a.m. - 5:30 p.m.	Exhibits 8:00 a.m. - 1:00 p.m.
LAFAYETTE BALLROOM		WASGFC General Session 9:00 a.m. - Noon Big Game Session 1:30 p.m. - 5:00 p.m.	WASGFC General Session 9:00 a.m. - Noon Banquet 7:00 p.m.	WASGFC Business Session 9:00 a.m. - Noon
JUNIOR BALLROOM	River Basins Symposium 9:00 a.m. Wildlife Biotelemetry Meeting 1:30 p.m. - 5:00 p.m.	Upland Game Session 1:30 p.m. - 5:00 p.m.	Big Game Session 1:30 p.m. - 5:00 p.m. Banquet 7:00 p.m.	
EMPIRE ROOM	B.L.M. Fence Standards 1:00 p.m. - 3:00 p.m. Pacific Flyway Council 3:00 p.m. - 4:30 p.m.	Fisheries Session I 1:30 p.m. - 5:00 p.m.	Social Hour 6:00 p.m.	Fisheries Session I 9:00 a.m. - Noon

PIONEER ROOM	Nonresident Study Committee 9:00 a.m. Resolutions Committee 2:00 p.m. - 4:00 p.m. Conservation Education Committee 4:00 p.m. - 5:00 p.m.	Commissioners & Directors Session 1:30 p.m. - 5:00 p.m.	Commissioners & Directors Session 1:30 p.m. - 5:00 p.m.	BSFW Research Units Session I 1:00 p.m. - 5:00 p.m.
PRESIDENT'S ROOM	Executive Comm. 11:00 a.m. Legislative Committee 1:00 p.m. - 3:00 p.m.	Law Enforcement Session 1:30 p.m. - 5:00 p.m.	Small Game Session 1:30 p.m. - 5:00 p.m.	BSFW Research Units Session II 1:00 p.m. - 5:00 p.m.
MISSION ROOM	Standard Stream Survey Committee 1:30 p.m. - 5:00 p.m.	Fisheries Session II 1:30 p.m. - 5:00 p.m.	Fisheries Session I 1:00 p.m. - 2:00 p.m. AFS Business Session 2:00 p.m. - 5:00 p.m.	Fisheries Session II 9:00 a.m. - Noon
ROOM C-38	Awards Committee 2:00 p.m.	I. & E. Session 1:30 p.m. - 5:00 p.m.	Nongame Session 1:30 p.m. - 5:00 p.m.	
ROOM C-39	Public Lands & Off-Road Vehicle Committees 1:00 p.m. - 5:00 p.m.	Informal Meeting of Engineering Personnel 1:30 p.m.		
ROOM 232	Nominating, Time & Place Committee 1:00 p.m.			
ROOM 233	Audit Committee 1:00 p.m.			
ROOM 240	Taxidermy Committee 1:00 p.m.			
ROOM 241	Coordination Committee 2:30 p.m. - 3:00 p.m.			
SECTION "A" MOTOR LODGE			BSFW Research Units 1:00 p.m. - 5:00 p.m.	BSFW Research Units 9:00 a.m. - 12:00 noon

## SOCIAL EVENTS



**HOTEL UTAH (MEZZANINE)**

### Ladies Activities

Wednesday, July 11, 1973, 9:30 a.m.

Temple Square Tour and Lion House Luncheon

Wednesday, July 11, 1973, 4:00 p.m.

Ladies Cocktail Hour, Suite 10-C, Hotel Utah

Thursday, July 12, 1973, 9:00 a.m.

Welfare Square, City, Log Haven Luncheon  
and Trolley Square

### Group Activities

Wednesday, July 11, 1973, 6:00 p.m.

Bridal Veil Falls, Heber Creeper Locomotive with  
free bar, supper and entertainment

Thursday, July 12, 1973, 6:00 p.m.

Social Hour, Banquet and Mormon Tabernacle  
Choir

### Luncheons

Wednesday, July 11, 1973, 12:00 Noon

Western AFS Executive Committee Luncheon,  
Skyroom, Hotel Utah



# WESTERN ASSOCIATION OF STATE GAME AND FISH COMMISSIONERS COMMITTEES

## Executive Committee

Ladd S. Gordon, Chairman  
New Mexico

Frank W. Groves, Nevada	Arthur S. Coffin, Washington
Robert L. Salter, Idaho	Leslie Pengelly, Montana
William W. Robinson, Colorado	G. Ray Arnett, California

## Resolutions Committee

Joseph C. Greenley, Chairman  
Idaho

James W. Brooks, Alaska	Charles M. Crowell, Wyoming
Peter T. Fletcher, California	William S. Huey, New Mexico
Robert L. Evans, Colorado	James Hatter, British Columbia
Robert Stein, Oregon	Robert N. Thompson, Oregon
Kenji Ego, Hawaii	Thor C. Tollefson, Washington
Roy L. Young, Utah	Joseph Klabunde, Montana
Gordon Kerr, Alberta	Robert L. McDonald, Nevada
Ralph W. Larson, Washington	Robert J. Spillman, Arizona

## Nominating, Time and Place Committee

Henry E. Dorian, Chairman  
Nevada

Harold A. Pebbles, Washington      Phil M. Cosper, Arizona

## Audit Committee

Ladd S. Gordon, Chairman  
New Mexico

Lee Mankin, Wyoming      Thomas J. Trelease, Nevada

## Legislative Committee

Robert A. Jantzen, Chairman  
Arizona

Paul C. Keeton, Idaho	James Harper, Oregon
Robert R. Elliott, Colorado	E. Charles Fullerton, California
Willis B. Jones, Montana	Ronald Andrews, Washington
	Thomas E. Kruse, Oregon

## Coordination Committee

G. Ray Arnett, Chairman  
California

Roger Gruenewald, Arizona	Eva M. Soran, Wyoming
Gail B. Boyd, Colorado	Cliff J. Millenbach, Washington

## Awards Committee

Carl N. Crouse, Chairman  
Washington

Leslie F. Edgerton, California	Wayne E. Kirch, Nevada
James Hatter, British Columbia	H. Jack Alvord, Idaho

## Public Lands Committee

James B. White, Chairman  
Wyoming

Bob Hoover, Colorado	G. Ray Arnett, California
Bruce Marker, Wyoming	Albert W. Heggen, Utah
Joe Blum, Alaska	Milton G. Evans, Arizona
John W. McKean, Oregon	Keith Freesman, Montana

## Nonresident Study Committee

Robert A. Jantzen, Chairman  
Arizona

Arthur Hagenston, Montana	R. Withers Cool, Colorado
William B. Morse, Wildlife Management Institute	John Eaton, Idaho
Norman V. Hancock, Utah	David M. Nelson, Wyoming
	E. Charles Fullerton, California

## Conservation Education Committee

Joseph C. Greenley, Chairman  
Idaho

E. Kless Brown, Idaho	Don Robinson, British Columbia
J. W. (Bill) Sizer, Arizona	Peter T. Hansson, Colorado
Fred E. Wright, Nevada	R. C. Holloway, Oregon
George A. Kaminski, Wyoming	A. V. Frazier, Utah
	Wesley Woodgerd, Montana

## Off-Road Vehicle Committee

James B. White, Chairman  
Wyoming

Joe Blum, Alaska	John Nagel, Utah
Hawley Hill, Idaho	R. U. Mace, Oregon
Wynn Freeman, Montana	Steve Gallizioli, Arizona
Bob Hoover, Colorado	Leslie F. Edgerton, California

## Taxidermy Committee

James W. Brooks, Chairman  
Alaska

Glen D. Daley, Arizona	Arnold Rieder, Montana
Rex Corsi, Wyoming	William G. Parsons, Nevada

## **EXHIBITORS**

Crisafilli Pump Company  
Murray Elevators (Silver Cup)  
Browning Arms Company  
Heath-Techne  
Frigid Units, Inc.  
Edo Western  
Forestry Suppliers, Inc.  
Harris Thermal Transfer Products Inc.  
U.S. Bureau of Reclamation  
U.S. Forest Service  
U.S. Bureau of Sport Fisheries and Wildlife  
Utah Travel Council

## **CONTRIBUTORS**

Albertson's Incorporated  
Browning  
Clover Club Foods Company  
IML Freight, Inc.  
Moore-Clark Company  
Mountain Bell  
Mountain Fuel Supply Company  
Safeway Stores, Incorporated  
Seven-Up Bottling Company  
Trans-West Air Service  
United States Steel Corporation  
Utah Power & Light Company

REPORT ON WESTERN DIVISION, AFS  
EXECUTIVE COMMITTEE LUNCHEON - HOTEL UTAH  
SALT LAKE CITY, UTAH - JULY 11, 1973

Final arrangements for the current Western Division meeting were discussed.

Participants:

Ralph Larson, President - Western Division  
Bud Bassett, President-elect - Western Division  
George Holton, Secretary-Treasurer - Western Division  
Art Whitney, immediate past President - Western Division  
John Douglas, Program Committee - Western Division  
Bob Phillips, Nominating Committee - Western Division  
Hank McKirdy, President Montana Chapter - Western Division  
Al Mills, President Oregon Chapter - Western Division  
Chuck Campbell, President American Fisheries Society  
Dick Wade, Executive Secretary - AFS

25th ANNUAL MEETING  
WESTERN DIVISION AMERICAN FISHERIES SOCIETY  
July 12, 1973  
HOTEL UTAH, SALT LAKE CITY, UTAH

Meeting was called to order by President Ralph Larson at 2:20 p.m. The first order of business was a panel, "How Western Chapters' Roles Can Be More Meaningful in Division Functions" (attachment 1 is a summary). During the discussions relating to the panel, Dr. Wade advised that the Parent Society Newsletter could include information from chapters. He also advised that to finance its newsletter the Northeastern Division is assessing each member \$1.00 to be collected through the Parent Society. Doug Jester urged that student papers be integrated with other papers at meetings rather than being segregated into separate student sessions. He also suggested that if a division newspaper became a reality, it could be used to publish a call for papers at the annual division meeting.

Determination of a Quorum

There were 62 persons present and by a show of hands it was determined that sufficient Western Division members were present to constitute a quorum.

President's Address

President Larson stressed the importance of division and chapters pointing out that they are the backbone of the American Fisheries Society. Suggestions from the chapters are welcome. Many activities such as the seminars and workshops held by other divisions are difficult for the Western to implement due to the vast area encompassed by this division. He asked that chapters be more responsive to the requests from the division for information, resolutions, etc.

Informal Reports of National (AFS) Officials

Dick Wade, Executive Secretary AFS, recognized the presence of Chuck Campbell, President AFS; Ray Johnson, President-elect AFS; Gerald Bouck, Chairman AFS Certification Committee and Janice Hughes, Chairman AFS Nominating Committee. He congratulated the Western Division on being an active division and advised that the deletions from the AFS Newsletter of titles of papers given at chapter meetings was a matter of economy and not meant to demean the chapters. He pointed out that 15-25 percent of the coverage in the Newsletter has been on Western Division affairs. He, too, emphasized the need for chapters to give a better response to requests for information. He mentioned the overall gain in membership and stressed the importance of holding current members and restoring members who are delinquent or dropped out.

Chuck Campbell said he was glad to hear the discussions on the role of chapters and revitalizing the Western Division. He gave news of activities at the national level.

#### Secretary-Treasurer's Report

Since copies of the minutes from the last business session had been distributed, they were not read. It was moved and seconded that they be approved as written. Motion carried. A statement of income and expenditures was read (attachment 2).

#### Standard Stream Survey Committee Report (attachment 3)

Report prepared by Bob Borovicka, Committee Chairman. Bob made a motion, "The Standard Stream Survey Committee should be continued for the next year and subcommittees appointed by the chairman to accomplish items 1 through 5 (in report). A report on progress made will be submitted to the Western Division meeting in 1974." Seconded by John Peters. Motion carried.

#### Time and Place Committee Report

Committee Chairman, Wendell Smith, gave his usual inimitable invitation to next years meeting place which will be Albuquerque, New Mexico.

#### Resolutions Committee Report

Bob Wiley, committee member, read and moved for adoption of three resolutions which follow:

##### Resolution 1    Wilderness Fish Stocking (attachment 4)

Seconded. Motion carried.

##### Resolution 2    Stream Alteration Programs (attachment 5)

Seconded. In connection with this resolution there was a discussion on the distribution of resolutions once they are passed. It was agreed by those present, including Dick Wade and Chuck Campbell, that the Western Division can distribute resolutions it passes without awaiting authorization from the Western Association of State Game and Fish Commissioners or the Parent Society. It was determined that, rather than have each resolution mention distribution to be made, it will be the responsibility of the President and Secretary-Treasurer to make this decision including determining which should be forwarded to the Resolutions Committee of the Parent Society. Following this discussion, Bob Phillips moved that resolution 2 be amended by deleting the paragraph which directed its distribution to the heads of various agencies. Seconded. Motion carried. Charles Koski moved that the word "mitigating" in the resolution be changed to "compensating." Seconded. Motion carried. The resolution with the two amendments was then voted upon. Motion carried.

Resolution 3      Establishment of Financial Assistance to the Divisions  
and Their Chapters      (attachment 6)

Seconded. Fred Eiserman mentioned that financial rebates to the chapters from division or Parent Society had been discussed at the last meeting of the Wyoming-Colorado Chapter. It was decided that such funding was not necessary for present chapter activities. A request could be made when the need arose. Gerald Bouck pointed out that each member is now receiving over twice as much value in services as he is paying in dues; therefore, a rebate from the Parent Society would require an increase in dues. It was brought out during the discussion that dynamic division or chapter operations depended more on leadership than on funding. A vote was then taken. Motion failed.

Auditing Committee Report

President Ralph Larson read the report of the Auditing Committee prepared by Ben Pulliam, Chairman. The report stated that the accounts had been reviewed and found to be correct and in order. A motion was made and seconded that the audit committee report be accepted. Motion carried.

Membership Committee Report      (attachment 7)

Report was read by Walter Burkhard, Committee Chairman.

Comments by President

President Larson thanked committee chairmen, division officers and members for their work and support during the year.

Nominating Committee Report      (attachment 8)

Bob Phillips, Chairman, read the report. The Committee nominated for President-elect: William S. "Bill" Platts and Rollie F. Rousseau; for Secretary-Treasurer: Terry Holubetz. President Larson asked if there were any nominations from the floor. George Holton was nominated for President-elect but declined the nomination. There were no additional nominations for Secretary-Treasurer. Bob Phillips and Henry McKirdy were nominated from the floor for Western Division Representative to the National Nominating Committee. There were no further nominations, and nominations were closed. Short statements were read on the backgrounds of the two nominees for President-elect.

Election

Voting was by written ballot.

#### Other Business

While the votes were being counted, Fred Eiserman lead a discussion on the desirability of dialogue between agencies engaged in research on optimum flows for fish. He made a motion as follows: "The next President should establish a committee to develop a symposium or workshop session on acceptable flows for trout in controlled streams." Seconded; motion carried.

#### Election Results

The following officers were elected and installed:

Bud Bassett, President (elected President-elect last year)

Bill Platts, President-elect

Terry Holubetz, Secretary-Treasurer

Bob Phillips, Western Division Representative to National  
Nominating Committee

#### Plaque Presentation

Bud Bassett presented the past-President's plaque to outgoing President Ralph Larson.

#### New President's Acceptance Speech

President Bud Bassett gave a short acceptance speech in which he said he wanted to hear from chapters and members directly.

The meeting adjourned at 5:15 p.m.

George D. Holton  
Outgoing Secretary-Treasurer

## Attachment 1

### THE CHAPTER'S ROLE AND ITS RELATIONSHIP TO THE WESTERN DIVISION

The following is a compilation of the remarks from a panel discussion presented by three Chapter representatives - Walter Burkhart, Colorado; Ron Marcoux, Montana; and William Saltzman, Oregon. The discussion took place on the afternoon of Thursday, July 12, 1973, at the Business Session of the Western Division, American Fisheries Society meeting in Salt Lake City, Utah. The purpose of the panel discussion was to encourage participation by Chapter members into a more active role with the Western Division.

Before discussing the question of "How Western Chapter's Roles Can Be More Meaningful in Division Functions," we believe we should first answer the question "What is the Role of the Chapter?" The Chapter's roles and their relative importance are presented as follows:

- (1) To meet and exchange current information concerning our aquatic resources and to evaluate new sampling techniques. This role is vital to keeping abreast of new developments in the aquatic resources field.
- (2) To inform members on various activities which threaten to affect or are currently affecting our aquatic resources. Generally an on-site workshop serves to accomplish this.
- (3) Another role, which is becoming increasingly important, is supporting good local, state, and Federal legislation and commenting on other matters affecting aquatic resources.
- (4) Finally, the Chapter can serve to encourage membership and active participation not only in the local chapter, but in the Western Division and parent society.

"Involvement" must certainly be the key to better integration of Chapter activities with those of the Division. Past Presidents of the Western have sought greater involvement by obtaining Chapter input into the Division operations. For example:

- (1) Chapter Presidents have been asked to recommend names for appointments to committees of the Division and nominees for Division officers.
- (2) Each Chapter President is now automatically a member of the Executive Committee of the Division.

These activities appear to be successful and have encouraged Division participation.



Another way to encourage participation in the Division is to schedule meetings at the Division annual meeting of all committees. All committee chairmen should request in writing to the state administrators that Division committee members be allowed to attend. This would allow more people to attend and benefit from the meetings. It would also be desirable to have each individual chapter represented on each committee.

We recommend the Executive Board of the Western consider publishing a Division newsletter. The idea is not new and several Divisions already have newsletters. A newsletter would provide another avenue for an exchange of information among Chapters. For example, significant studies could be summarized, resolutions could be listed, job opportunities in the Chapter's area could be noted, activities and meeting dates might be summarized. The Division could inform the Chapters of resolutions passed and provide membership tallies. When we consider a potential of over 1,100 Western Division members and had 110 registered last year, it becomes obvious that the remainder should be informed. If we are serious about maintaining the Division, and we believe we are, we should encourage participation, and to encourage participation, we have to provide information. A Division newsletter could also further stimulate a flow of ideas vertically between Chapter-Division and National.

The Division could supply each Chapter secretary with the names and addresses of other Chapter officers. It could then be the Chapter's responsibility to notify all other Chapters of their activities including meeting notices and abstracts of papers. Although this could be handled through a Division newsletter, the direct correspondence between Chapters would probably be more effective.

Some Divisions have sponsored symposiums on problems common to a broad geographical area. The Southern Division on Reservoirs is one example - there are others. To our knowledge, the Western Division has not yet done this. Many of us are deeply concerned about the damage being inflicted on streams by poor road building practices. Other western states express similar concern. Sponsorship by the Western Division of a session on road construction and fish habitat (or other serious problems of regional concern) is something we believe should be considered, and we recommend this be implemented by the Western's Executive Committee.

The Division could serve as a forum for directing attention to areas where standardization of techniques is sought. The Standard Stream Survey Committee is the kind of thing we have in mind. Topics such as fish habitat improvement devices and techniques, fish passage criteria at culverts, or fish stocking criteria and methodology, and others could be cited. A whole new ball game could be opened by a task force approach to a multitude of tasks facing us. The result, if not a complete standardization of a procedure, could at least result in a pooling of available data. We recommend this be considered by the Executive Committee of the Division.

A review of the current activities of the Western Division may be in order to answer such questions as:

- (1) What were the initial objectives in forming the Division?
- (2) Are these same goals valid today or do we need to make some changes?
- (3) What should we be doing in 5 years - 10 years, and are we planning now (adequately) for the future?

Perhaps a committee of the Chapter Presidents (or their representatives) could make this analysis of the Division and present their findings at the Western meeting.

Of course, this type of critical analysis need not be limited to the Division, but could well include the interrelated roles of Chapter and Division. We recommend this be considered by the Executive Committee of the Western.

Another suggestion for your consideration is that the Western Division provide a forum at the Annual Meeting for discussion and sharing of Chapter activities. Certain Chapters have active committees on legislation, pollution, water resources and estuaries - committees that are "doing things" that you, too, may be doing or interested in. A Stream Improvements Committee is completing a slide series and narrative on "Crisis in Oregon Streams." This depicts good and bad land-use practices and outlines action concerned citizens may take. We recommend a time and place be made available at the Western for a review of Chapter activities.

Panels such as presented at the Business Session on July 12, 1973, with Chapter representation should be encouraged on an annual basis. Such topics as "are bi-state chapters more effective than lone state chapters," "how does each individual chapter tackle legislative matters," "how do they encourage membership," or even "what is the Chapter's role within a state" can be discussed. The members on the panel would continue to increase membership in the Division and at the same time stimulate Chapter involvement.

We could begin having Chapter sessions at Division meetings. Best papers from Chapter sessions could be presented and again judged at this session. Another possibility would be to encourage student members of the Chapter to present papers at annual Chapter sessions. After judging the best presentation, each Chapter could see that the transportation and room could be paid to allow the student the opportunity to present his paper at the Division meeting. We would not only provide information this way, but would also stimulate student membership in the Chapters and increase attendance to the Division.

Consideration should be given to separating the Western Division from the Western Association of State Game and Fish Commissioners. A close look at this year's program will show the lack of emphasis given to the Western Division. If we believe that a primary function of the Division is to provide a common meeting ground for fisheries workers from the western area, then let's work to have a strong Division by retaining our individuality. There are definite benefits to the Commissioners from their association's meetings, but they will not lose these benefits if the Division meets as a completely separate organization. Perhaps the relationship with the Fish and Game Commissioners Association should be reevaluated. Commissioners' comments could be solicited as to the value of having joint meetings.

With respect to the separation from the Western Association of State Game and Fish Commissioners, Mr. Pete Green, a past president of the Division, provided these comments:

1. The original intent of the Division was to form an organization which could meet with the Directors of the Western Game and Fish Departments and call to their attention that fishery matters were also within their area of responsibility.
2. The perspective of fishery workers would be broadened by this association by giving them the opportunity to meet with and contact persons eminent in the total conservation field.
3. It would serve to save money for the fisheries organization by doubling up on transportation with game people and having meeting facilities and programs made available by the Western Association.

*John C. Peters*

Compiled by  
John C. Peters  
Colorado Panel Chairman  
SEP 4 1973



*American Fisheries Society*  
**WESTERN DIVISION**

Office of the Secretary-Treasurer  
c/o Montana Department of Fish and Game  
Helena, Montana 59601  
July 12, 1973

ALASKA	MONTANA
ALBERTA	NEW MEXICO
ARIZONA	NEVADA
BRITISH COLUMBIA	OREGON
CALIFORNIA	SASKATCHEWAN
COLORADO	UTAH
HAWAII	WASHINGTON
IDAHO	WYOMING
MANITOBA	

STATEMENT OF INCOME AND EXPENDITURES, 1972-73

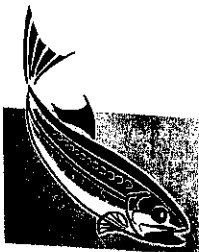
At the business session of the 24th annual meeting last year, the Western Division had a balance of \$213.67. No registration fees were collected at that meeting; however, during the year we received dues allotments from the Parent Society amounting to \$486.50. Also, our account earned \$28.63 interest.

Our expenditures were \$32.50 for 2,000 letterheads, \$130 postage for mailing meeting announcements and \$18 for a Past-President's plaque.

The balance on hand at this time is \$548.30.

Respectfully submitted,

GEORGE D. HOLTON  
SECRETARY-TREASURER



Report of Standard Steam Survey Committee

At the 1972 meeting of the Western Division of the American Fisheries Society, a resolution was passed recommending to the Western Association of State Game and Fish Commissioners that a close liaison be established among organizations to standardize steam survey procedures.

Ralph Larson, President of the Western Division AFS authorized an ad hoc committee to investigate a standard steam survey method. The following committee was appointed by the president.

R.L. Borovicka Bureau of Land Management	Al Hall U.S. Forest Service
Robert Sayre Oregon Game Commission	Robert Phillips U.S. Forest Service
Rupert Andrews Alaska Dept. of Fish & Game	Mr. George Holton Montana Fish & Game Department
Mr. Cliff Millenbach Fisheries Management Div.	Donald Dunham U.S. Forest Service
Henry McKirdy U.S. Forest Service	Gordon Watson Bureau of Sport Fisheries & Wildlife

Each committee member received descriptions of six steam survey methods.

About 30 people including committee and other interested fishery scientist met in the Mission Room of the Hotel Utah in Salt Lake City, July 10, 1973.

The consensus of the group was that emphasis should be placed on standardization of terms and methods for steam surveys rather than on forms alone. The group decided that the steps in establishing a standardized system are as follows:

1. Determine objectives of the survey
2. Develop a glossary of terms
3. Determine methods and develop forms for collecting and recording data.
4. Investigate potential for automatic data processing for storing and retrieval of data and interagency coordination.
5. Publication and distribution of the method and the storage system to the scientific community

The committee recommends the following motion to the membership:

The Standard Steam Survey Committee should be continued for the next year and subcommittee be appointed by the chairman to accomplish items 1 through 5. A report on progress made will be submitted to the Western Division Meeting in 1974.

Bob Borovicka-Chairman  
George Holton  
Bill Saltzman

ADOPTED - July 12, 1973

WESTERN DIVISION - AFS, RESOLUTION #1  
WILDERNESS FISH STOCKING

WHEREAS, the U. S. Forest Service has been given administrative authority over designated Wilderness Areas on National Forests by the Wilderness Act of 1964; and

WHEREAS, interpretations of the Wilderness Act have varied considerably between Regions of the Forest Service as relates to permitted activities and procedures within a Wilderness; and

WHEREAS, some local Forest Service officials have recently indicated that future Forest Service policy is evolving toward further restriction and perhaps elimination of fish stocking in some additional Wilderness lakes, especially by aircraft; and

WHEREAS, sport fishing in many Wilderness lakes is a key recreational activity that is compatible with a wilderness experience, and since this activity is increasing, certain presently barren wilderness lakes will require stocking as a means of distributing that use; and

WHEREAS, maintenance of trout populations in Wilderness lakes without supplemental stocking is often difficult, if not impossible, because of limited natural reproduction; and since aerial stocking is a biologically superior means of stocking such lakes with the least impact upon the environment and the best chance of survival of the stocked fish; and

WHEREAS, the stocking of remote barren lakes can be also used to perpetuate rare or endangered species;

NOW, THEREFORE, BE IT RESOLVED, that the Western Division of the American Fisheries Society opposes further restriction by the U. S. Forest Service of fish stocking activities in Wilderness Lakes, except where the Forest Service determines, in cooperation with the appropriate State wildlife agency, that it is necessary to restrict fish stocking in order to affect a change in the distribution of recreation use for the purpose of correcting environmental damage; and

BE IT FURTHER RESOLVED, that Regional policy of the Forest Service uniformly recognizes that stocking of some lakes by aircraft is an appropriate and biologically superior management tool, which should be expanded to include barren lakes when the stocking of such lakes is included in a special cooperative agreement between the Forest Service and the appropriate State fish and wildlife managing agency.

ADOPTED AS AMENDED - July 12, 1973

WESTERN DIVISION - AFS, RESOLUTION #2  
STREAM ALTERATION PROGRAMS

WHEREAS, publicly constructed and subsidized stream alteration programs for flood control, irrigation, power generation, drainage, municipal and industrial use, and other purposes often result in the destruction of fish and wildlife habitat; and,

WHEREAS, these programs may cause irreparable damage to waterways and related land resources; and,

WHEREAS, compensatory measures for fish and wildlife damage are often either lacking or inadequate,

NOW THEREFORE BE IT RESOLVED, that the Western Division of the American Fisheries Society, meeting in Salt Lake City, Utah, July 10-13, 1973, vigorously opposes publicly funded stream alteration programs, both existing and proposed, until natural resource values and recreation opportunities are comprehensively evaluated and resource enhancing, protecting and/or compensating recommendations are included as an integral part of the project and project cost; and,

BE IT FURTHER RESOLVED, that the Western Division encourages and supports administrative directives and legislative programs which will ensure the protection and enhancement of fish and wildlife resources in such programs.



VOTE TAKEN; MOTION TO ADOPT THIS RESOLUTION DID NOT PASS - July 12, 1973

**WESTERN DIVISION - AFS, RESOLUTION #3  
ESTABLISHMENT OF FINANCIAL ASSISTANCE  
TO THE DIVISIONS AND THEIR CHAPTERS**

WHEREAS, the membership growth and strength of the Western Division and Parent Society is maintained and perpetuated through its State and student chapters; and

WHEREAS, the chapters currently active in the Western States need annual financial assistance to sustain and enhance their activities and programs; and

WHEREAS, this assistance could be received through financial rebates from the Western Division and the Parent Society on a per capita membership and project accomplishment formula,

NOW THEREFORE BE IT RESOLVED, that the Western Division of the American Fisheries Society strongly encourages and requests the American Fisheries Society at its next annual executive board meeting to prepare a change in the Society's by-laws whereby the establishment of financial grants to the Divisions for assisting its Chapters is brought to the vote of the membership.

Attachment 7

MEMBERSHIP COMMITTEE REPORT  
WESTERN DIVISION, AMERICAN FISHERIES SOCIETY  
SALT LAKE CITY, UTAH - JULY 12, 1973

After writing to the Committee members, I was able to obtain membership information on the following chapters:

Colorado State University Student Chapter		Information unavailable
Colorado-Wyoming Chapter	1972	73 members
	1973	82 members
Montana Chapter	1972	53 members
	1973	53 members
New Mexico State University Student Chapter		Information unavailable
Oregon Chapter	1972	230 regular & 39 student members
	1973	198 regular & 50 student members

Miss Patti Some, Membership Secretary of the Society, has supplied the chapters with names and addresses of delinquent members. It is hoped that by personal contact by chapter members, we can regain many of our former members.

Walter Burkhard, Chairman  
Membership Committee

Attachment 8

NOMINATING COMMITTEE REPORT  
WESTERN DIVISION, AMERICAN FISHERIES SOCIETY  
SALT LAKE CITY, UTAH - JULY 12, 1973

To encourage greater participation in the affairs of the Western Division, the presidents of the local chapters were asked to recommend a candidate each for the offices of Vice-President (President-elect) and Secretary-Treasurer. Four of the nine chapters responded with four recommendations for Vice-President and two for Secretary-Treasurer. One of those recommended for Secretary-Treasurer moved from the Western Division area leaving a single recommendation.

The qualifications of those recommended for the offices, as submitted by the chapters, were examined by the Nominating Committee. The following nominees are offered to the membership at this time:

Vice-President

William S. "Bill" Platts (Idaho)  
Rollie F. Rousseau (Oregon)

Secretary-Treasurer

Terry Holubetz (Idaho)

Nominating Committee

Stacy Gebhards (Idaho)  
Ivan McElwain (Bonneville)  
Joe Stone (Arizona-New Mexico)  
Jerry Turner (California-Nevada)  
Bob Phillips (Portland), Chairman