

American Fisheries Society

WESTERN DIVISION NEWSLETTER

Volume 6

June 1981

No. 3

PRESIDENTS CORNER

My term as President of the Western Division is rapidly coming to a close. We as a Division have met two of the three objectives that we established at our annual meeting last year. The Riparian Committee, chaired by Don Duff, will have their Best Management Practices paper completed by July of 1981; and the Acquisition and Utilization of Aquatic Habitat Inventory Symposium, coordinated by Neil Armentrout, is to be held in Portland, Oregon, on October 28-30. I should add that Neil has been successful in obtaining money to help support this symposium from the State of Alaska Department of Fish and Game, the Environmental Protection Agency, Sports Fisheries Institute, Bureau of Land Management, and U.S. Forest Service. Don and Neil are both to be highly commended for the work they are doing in these two efforts.

The Rocky Mountain Stream Habitat Workshop which we originally intended to have in September of 1981 have been rescheduled for Jackson, Wyoming, in September of 1982. I have been assured by Bob Wiley this will be a first-class workshop, and I am looking forward to attending.

As for the other Committees in the Division, each has made an effort to accomplish its goals. Some have been more successful than others. Glen Phelps, Chairman of the Membership Committee, has made a real effort to contact each of the Chapters to generate new members throughout the Division. Special thanks goes to Committee Chairmen and their Committee Members for working on the various Western Division Committees in the 1980-81 year. Del Skeesick, editor of the newsletter for the last two years, deserves a special thanks. Without his interest the newsletter would not have been possible.

The Western Division Executive Committee has taken the initiative to nominate for Second Vice-President of the parent Society, William S. Platts. The Executive Committee has taken this action based on the consensus that we received from contacting a number of Chapter Presidents and individuals throughout the Division. Bill is a past President of the Western Division and the Idaho Chapter and has served on many committees. He has been a strong advocate in those issues that are immediately affecting fisheries resources in the Western States. I strongly urge that each Chapter support Bill in this Election.

The program for the Western Division annual meeting in Honolulu, Hawaii, is printed in this newsletter. The program was developed by Bob White, President-Elect, with support from Stan Moberly (Alaska) and Brian Waters (California). I would encourage each of you to attend this meeting. The program is excellent, and the hospitality afforded by the Hawaiian Department will be well worth the trip. We owe Kenji Ego, President of the Western Association of Fish and Wildlife Agencies a special thanks for his cooperation and encouragement.

Again, I would like to thank each of the Committee Chairmen and the Committee Members for their support during my term as President of the Western Division. I am going to be passing on to Bob White the most active of the four Divisions within the American Fisheries Society. I am recommending to Bob White that he set objectives for the Division to meet and work diligently on these, as we did this year.

Again, thank you for all the support. It has been a pleasure serving as President during the 1980-81 term.

GORDON HAUGEN
President, Western Division
American Fisheries Society

SUPPORT BILL PLATTS

As all of us know, it takes leadership and interest to run an effective organization. Recently, over 200 members of the Western Division signed a petition to have Dr. Bill Platts, Research Fishery Biologist at the Forest Service Intermountain Forest and Range Experiment Station in Boise, Idaho, placed on the ballot for the office of 2nd Vice President of the parent society.

Why was this effort initiated? For two good reasons: Bill Platts wants the job and Bill Platts is highly qualified for the job.

Let's just look at Bill's background in the Society. Offices he has held include: Idaho Chapter American Fisheries Society Secretary-Treasurer 1968, Vice President 1969, President 1970, Past President 1971, Western Division AFS President-Elect 1974, President 1975, Past President 1976, Division Representative to Parent Society 1979, 1980 Committee assignments include:

Program Committee Chairman 1976 Time and Place Committee Chairman 1976, 1977 In-Stream Flow Committee 1975, 1976 Arrangement Chairman 1976 Nominating Committee Chairman 1977 Nominating Committee 1978 Riparian Ecosystem Committee 1978, 1979, 1980 Steering Committee, Stream Habitat Workshop 1979, 1980 Resolutions Committee 1978

Past Presidents Committee for Direction of Division 1978, 1979, 1980

Chairman Aquatic Habitat Symposium Committee 1980

American Fisheries Society

Society Executive Committee 1975, 1976, 1980 Finance Committee 1978 Policy and Resolutions Committee 1978, 1979 Ad Hoc Committee, Membership Concern 1976 Ad Hoc Committee, Organizational Manual Const. 1976, 1977 Membership Committee 1978, 1979

Bill has been active in other organizations such as the Wildlife Federation and Nature Conservancy, and served on committees such as the Natural In-Stream Flow Steering Committee, National Mitigation Symposium Steering Committee for program and arrangements and Wild Trout II Symposium program committee, to name a few.

As you can see, Bill's qualifications are impressive. Combine this with his strong desire to continue a leadership role in the AFS, and we believe you'll agree it's worth supporting Bill.

The Executive Committee of the Western Division strongly endorses Bill Platts for the position of second vice president of the parent society. When your ballot arrives in July, please demonstrate your support for Bill by voting.

PRESIDENT-ELECT COMMENTARY

As President-elect of the Western Division AFS, I look forward to my responsibilities during the coming year. Our Division is strong and we have become an effective voice in influencing aquatic resource decisions. This has been possible only because of your dedication and support and the outstanding leadership we have had in the past.

There is always room for improvement, however, and I need your help in identifying those activities we need to initiate or strengthen and in implementing these suggestions. I hope you will give this some thought so we can be more responsive to the needs of the resource and our membership. We have provided space on the ballot sheet for your ideas and for indicating your interest in committee assignments. Thanks for your interest and help.

Bob White

RIPARIAN HABITAT COMMITTEE

Don Duff is completing his second year as Chairman of this committee. The committee was divided into 3 sub-committee in 1980-81 because of its workload and interest by Western Division members in participating. Major emphasis this year has been placed on development of Best Management Practices (BMP's) for riparian areas as a followup to the Committee position paper last year which the Western Division approved at last year's annual meeting. The sub-committee co-chairman Jim Cooper (USFS) and Art Anderson (FWS) who have the lead in preparing a listing of BMP's are working with their committee members to prepare a draft BMP listing for the EXCOM's review at the annual meeting in Hawaii. If approved, the BMP's could be issued by the Division in the same manner as the position paper and serve as a useful tool for land managers to use for guidance in riparian area management.

The second sub-committee chairman John Rinne (USFS) and his members have been monitoring the status of agencies compliance with environmental laws giving emphasis to riparian area management. A report from this group will be presented in the full Committee report to the EXCOM. A third-subcommittee under chairman Ron Remmik (WYO Dept F&G) is busily developing a draft narrative for a slide-tape module depicting the status and history of riparian area management in the West. This work will continue into the 1981-82 year and lead to completion of a finalized slide-tape module for the Division, hopefully, in 1982.

All members of these committees are to be commended for their interest and dedication to the cause of riparian area management. I and the EXCOM have appreciated their efforts as well as contributors of Division non-committee members, and hope all will continue their participation on the Riparian Habitat Committee in 1981-82.

Don Duff

SALMON SYMPOSIUM

The Humboldt Chapter of the American Fisheries Society, cordially invites you to participate in or attend a three day symposium featuring the protection, enhancement, and rehabilitation of anadromous salmonid populations and their habitat. October 15-17, 1981, on the campus of Humboldt State University. Authorities and speakers from Alaska to California will be present representing the entire Pacific Northwest. Partial re-imbursement of travel expenses may be arranged for those presenting papers.

We have an exciting agenda that includes artificial propagation, watershed and riparian habitat rehabilitation, and in-stream enhancement. For information, please write us at: "Symposium", American Fisheries Society, c/o Fisheries Dept., Humboldt State University, Arcata, California, 95521. Interested contributors may best contact us by calling Bill Brock or Kerry Overton at 707-442-1721 Ext. 285/286, or Terry Roelofs at 707-826-3954. Students attending may be hosted by Humboldt State students at your option.

PROGRAM
Western Division American Fisheries Society
July 13-16, 1981
Honolulu, Hawaii

Tuesday - July 14 1:00 - 2:45 p.m.
FISHERIES TECHNICAL SESSION # 1

MARINE AND ESTUARINE CONTRIBUTED PAPERS

Moderator: Dr. William Lenarz, National
Marine Fisheries Service, Tiburon

Location and Enumeration of Pelagic Schooling
FISHES OVER THE CONTINENTAL SHELF.
G.L. Thomas, FRI, U. of W. Seattle

STUDIES OF JUVENILE SALMON DISTRIBUTION AND
BEHAVIOR IN AN ESTUARINE ENVIRONMENT. R. E.
Thorne, FRI, U. of W. Seattle

A CASE HISTORY OF COMPLEMENTARY NET AND
HYDROACOUSTIC SAMPLING TECHNIQUES IN THE
SOUTHERN CALIFORNIA MULTISPECIES NEARSHORE
OCEAN ENVIRONMENT. Lew Johnson, Occidental
Col. Los Angeles, and R. E. Thorne,
FRI. U. of W. Seattle.

PRESENT STATUS OF THE UNITED STATE HALIBUT
FISHERY. M. R. Griben, W. A. Karp and C. M.
Lynde. Tetra Tech, Inc., Bellevue.

MOVEMENTS OF ROCK FISH AND THEIR IMPLICATIONS
FOR STOCK ASSESSMENT AND MANAGEMENT.
W. H. Lenarz NMFS, Tiburon

3:15 - 5:00

BILLFISH SPORT FISHERIES

Moderator: Jerry A. Wetherall, NMFS Honolulu

RECREATION AND CHARTER BOAT BILLFISH FISHING
IN HAWAII. Peter Fithian, West Pac. Fish.
Mgmt. Council and Bd of Dir. Hawaii
International Billfish Tournament, Honolulu.

DEVELOPMENT OF A FISHERY MANAGEMENT PLAN
FOR BILLFISH FOR HAWAII, GUAM, AND AMERICAN
SAMOA. Svein Fougner, Exec. Dir. Western
Pac. Fish Mgmt Council, Honolulu.

STOCK STRUCTURE IN PACIFIC BLUE MARLIN AND
NEEDS FOR BILLFISH RESEARCH. Dr. Richard
Brill, Exec. Dir. Pac. Game and Fish
Found. Honolulu.

AGE DETERMINATION IN BILLFISH. Dr. Richard
Radtke, Pac. Game Fish Found. Honolulu.

Wednesday - July 15 9:30 - 12:00 noon
GENERAL SESSION

PANEL - ALLOCATION OF FISHERY RESOURCES

Moderator: Stan A. Moberly, Special Asst. to
Comm. for Ext. Affairs, Alaska Dept. of Fish
and Game

Panel members:
Pete Bergman, Assistant Director, Wash.
Dept. for Fisheries

Jim Heckman, NW Indian Fish. Comm.

Lee Alverson, Chief Negotiator for the U.S.

Mike Shepard, Chief Negotiator for
Environ. Can.

Charles Fullerton, Chmn. of Pac. Fish. Mgmt.
Council

Senator Clem Tillion, Chmn. of The N. Pac.
Fish. Mgmt. Council

Senator Wadsworth Yee, Chmn. of the West.
Pac. Mgmt. Council

Wednesday - July 15 1:00 - 2:45
FISHERIES TECHNICAL SESSION # 2

FISHERIES ECONOMICS

Moderator: Dr. Micheal Adams, NMFS
Honolulu.

ECONOMIC ANALYSIS OF THE PACIFIC HALIBUT
FISHERY, Dr. L. J. Bledsoe, U. of W. Seattle

MODELING COMMERCIAL FISHERMAN BEHAVIOR.
Dr. James Wilen, U. of C. Davis.

ECONOMICS OF SEA OTTER - SHELLFISH CONFLICT,
Dr. Susan Holt, U. of C. Santa Cruz.

FACTORS AFFECTING INTERNATIONAL TRADE IN
SEAFOOD. Dr. Richard Johnston, OSU
Corvallis.

STRUCTURE OF THE HAWAII FRESH FISH INDUSTRY.
Dr. Michael Adams, NMFS Honolulu.

3:15 - 5:00

Panel - ENHANCEMENT: ISSUES, PROBLEMS,
LEGISLATION AND STRATEGIES.

Moderator: Fredrick C. Johnson, Nat. Bur. of
Stds., Washington, D.C.

Panel Members:

Robert S. Roys, Alaska Dept. Fish and
Game, Juneau.

Keith Sandercock, Fisheries and Oceans
Canada, Vancouver.

Frank Haw, Wash. Dept. of Fish. Olympia.
John Donaldson, Ore. Dept. of Fish and
Wildlife, Portland

Charles Fullerton, Calif. Dept. of Fish and
Game, Sacramento.

Thursday - July 16 8:30 - 10:15
FRESHWATER CONTRIBUTOR PAPERS

Moderator:

R. H. Gray. Pac. NW Lab. Richland.

THE REDBAND RAINBOW TROUT CONTROVERSY IN
CALIFORNIA M. E. Bacon, USFS Redding.

POTENTIAL EFFECTS TO AQUATIC ORGANISMS OF
A COAL LIQUID FROM THE SOLVENT REFINED COAL
- II PROCESS. D. D. Dauble, et al
Pac. NW Lab. Richland

AN INEXPENSIVE DEVICE FOR ACCURATE
CONTINUOUS MONITORING OF SUPERSATURATED GASES
IN WATER SUPPLIES. G. R. Bouck, Nat.
Fish. Res. Ctr. Seattle

FLOURESCENT PIGMENT SPRAY-MAKING: DO WE
KNOW WHERE WE STAND? M. E. McAfee, Colo.
Div. of Wildl. Grand Junction

COLUMBIA RIVER COMPREHENSIVE SALMON
MANAGEMENT PLAN. Terry Holubetz, Col.
R. Fish. Council, Portland

THE SAGEBRUSH REBELLION AND ITS IMPLICATION
TO THE FISHERY RESOURCE. Bob Raleigh, US
FWS Fort Collins, and Bill Platts, USFS
Boise

8:30 - 11:30

Panel: TUNA BIOLOGY AND MANAGEMENT

Moderator: Richard Shomura, Lab.
Dir. NMFS Honolulu

Dr. George Kent
U Of Hawaii
Honolulu

Dr. Andrew E. Dizon
NMFS Honolulu

Dr. Robert Kearney
South Pacific Comm.
Noumea, New Caledonia

Dr. Izadore Barrett
Director, SW Fish Ctr.,
NMFS La Jolla

Mr. Harold Cary

US States Tuna Found. San Diego

Dr. James Joseph

Inter-American Tropical Tuna
Comm., Scripps Inst. of
Ocean. La Jolla

EDITOR'S EPILOGUE

When I accepted the task of editing this newsletter for then President, Bob Wiley, I did it with a full understanding of what I was asking for. I did it to gain a little experience and got an education... And what an education.

As I reflect upon the last 5 issues, what sticks in my mind most is that when people understand what is expected of them, they produce. Everyone has been super cooperative about providing necessary information and donating their time. From conception to completion, this newsletter takes about 50 man (and woman)- hours to type, construct, label, sort and mail. I'd like to thank my diminutive typist Terri Sprague, my Dad and Mother Bert and Mable Skeesick, my wife Beryl and the local AFS members for their many hours of volunteer labor typing, labelling and sorting. Without, their help, the newsletter would have had a new editor post haste.

One of the frustrations of the editor's job, as well as any of the other Chapter and Division Officers, is a lack of feeling for whether the membership gives a damned about what they are doing (or not doing).

I think its important for individual members to be aware of the efforts expended in their behalf and either acknowledge their gratitude or express their displeasure. I seriously doubt that the Western Division membership knows how much time and personal expense former President Bob Wiley and President Gordon Haugen have incurred carrying out Western Division Business. The high visibility and multiple activities of the Western Division are mute evidence of their successes.

The objective of this newsletter is to keep the membership informed of the actions and successes of the Western Division. I hope it has met that objective .

With considerable relief and high expectations, I am relinquishing responsibility for the Newsletter to Glenn Phillips of the Montana Cooperative Fisheries Research Unit. Please join me in supporting his efforts so his experience can also be an education.

Thanks again for all who have helped with this task.

Del Skeesick
Editor Emeritus

4

WESTERN DIVISION NEWSLETTER
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ROBERT W WILEY
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1979-1981 Chairman, AFS Audio-visual Committee

Experience with Bureau of Land Management in aquatic habitat studies and served in Utah State office coordinating such projects. Experience with U.S. Fish and Wildlife Service, River Basin Studies in Sacramento, California dealing with instream flow studies. Experience with U.S. Forest Service in fisheries habitat management. Served in New Mexico, Montana, and Utah. Received training in Air Force in remote sensing which has been helpful in assessment of aquatic habitat.

Art Oakley

Fisheries Biologist - Bureau of Land Management, Oregon. Inter American Tropical Tuna Commission Oregon Fish Commission: 1957 - 1971 Bureau of Land Management - 1971 present. B.S. Degree, fisheries, 1953 M.S. Degree, fisheries, 1956 - both degrees, Oregon State University 1980-1981 President, Oregon Chapter AFS Nominations Committee Chairman, Oregon Chapter AFS External Director - Oregon Chapter AFS Several additional committee assignments in Oregon Chapter.

**REPRESENTATIVE TO
AFS NOMINATING COMMITTEE**

Fred Everest

Fishery Biologist, U.S. Forest Service, Corvallis, Oregon - 1972-present. B.S. and M.S. Degrees, Humboldt State College, California PhD - Fisheries, Idaho, 1969. President, Oregon Chapter AFS, 1979. Oregon Department of Fish and Wildlife, 1968-1972.

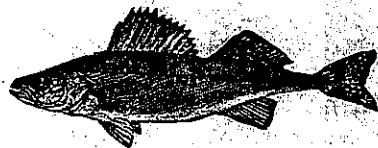
Brian Waters

Senior Fishery Biologist, Pacific Gas and Electric Company, California. B.S. - Fisheries, Humboldt State University (1965) M.S. - University of Washington (1968) Member AFS, 19 years, Certified Fishery Scientist. Secretary/Treasurer, President-Elect, President California-Nevada Chapter AFS Member Pacific Fishery Biologists American Institute of Fishery Research Biologists American Society of Limnology and Oceanography Western Society of Naturalists Has done specialty work with P.G. & E. on instream flows relative to salmonids and the effect of large capacity water intakes on fish and invertebrate populations.

M.S. degree, university of Idaho 1977

Organized Regional Columbia River Fisheries Symposium 1976

Secretary/Treasurer of Montana Chapter A.F.S. Chairman of Legislative and Resolution Committee



**ACQUISITION AND UTILIZATION
OF AQUATIC HABITAT INVENTORY
INFORMATION
October 28-30 1981
Portland, Oregon**

New techniques are being developed for the inventory of aquatic resources, evaluation of information, and the use of information in making resource management decisions. This symposium will provide an opportunity to discuss recent advances and state of the art for aquatic habitat inventories. Topics will include:

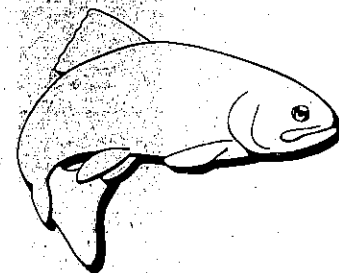
Defining the aquatic ecosystem and its individual components; Methodology for measuring the habitat components; Relating habitat components to species utilization; Interfacing aquatic habitat inventories with other resource inventories; Using habitat inventory information to evaluate habitat condition and potential; The use of inventory information and evaluation procedures in aquatic habitat classification systems; The use of inventory data and evaluations in resource planning and impact analysis; Data storage, retrieval and analysis systems. Two other program items to be included will be a "film festival" of films and slide-tapes concerned with aquatic habitat inventories. The second is a demonstration of computer systems or models for the storage and use of inventory information. Further info: Contact Neil B. Armantrout P.O. Box 2965 Portland, OR 97212 Phone: (503)231-6870

This symposium is followed immediately by the Estuary Symposium at nearby Gleneden Beach. It is an excellent opportunity to take in two programs for one set of travel costs.

estuarine or Nearshore Areas; Saltmarsh Ecology; Columbia River Estuary Data Development Program; Estuarine Chemistry, Estuarine Resource Management-Recreational Fisheries, Hard-Bottom Communities; Sediment Dynamics; Upland-Estuarine Interaction, Submerged Aquatic Vegetation, Live Bottom Communities on Nearshore Ocean Reefs (BLM); Primary Production on Estuaries and Associated Marshes; Status of the Nations Estuaries (EPA) and Remote Sensing of Estuarine Environment.

During the conference, 294 papers will be presented at 27 sessions. Papers presented at the invited sessions will be published and automatically mailed to all conference registrants.

For further information please contact: Jay F. Watson, Treasurer USFWS Suite 1650 500 N.E. Multnomah Street Portland, Oregon 97232



**AMERICAN FISHERIES SOCIETY - WESTERN DIVISION
RESOLUTIONS**

Time has come to submit resolutions for action at the Western Division meeting in July 1981, in Honolulu. All Chapters and individual members are reminded to send their resolutions to John C. Peters, Chairman Resolutions Committee, D-150, PO Box 25007, Denver, Colorado 80225. Guidance for submitting resolutions and a format example were provided in the February 1981 Western Division Newsletter. We encourage Chapters and members to review this Newsletter before sending their resolutions to John Peters, prior to July 1, 1981. This will allow the Resolutions Committee to carry out their responsibilities prior to the business meeting.

"Suggestions for changes, future direction and activities of the Western Division; ways of improving responsiveness to membership; areas of special concern."

NAME: _____

OPPORTUNITIES TO PARTICIPATE IN WESTERN DIVISION ACTIVITIES:

Please indicate your preference to participate. These forms will be given to President Elect Bob White to help him organize the standing committees.

_____	Resolutions	_____	Newsletter
_____	Riparian	_____	Membership
_____	Habitat	_____	
_____	Endangered	_____	Canadian
_____	Species	_____	Concerns
_____	Student Concerns	_____	Publications
_____	Awards	_____	Nominating
		_____	International