

hart, President, James P. Galligan, Vice-President, and Alfred L. Meister, Secretary-Treasurer.

The 1963 meetings will be held in Portland, Maine at the Eastland Motor Hotel on April 14, 15, 16, and 17. Connecticut will host the 1964 meetings.

President Donald Andriano presented the report of the Western Division.

The 14th annual meeting of the Western Division of the American Fisheries Society was held under the shadows of the space needle in Seattle, Washington, in conjunction with the annual meeting of the Western Association of Game and Fish Commissioners on July 15-18, 1962. The Western Division expressed their appreciation to the State of Washington and the Washington Departments of Fisheries and Game for their exceptional hospitality and thoughtfulness in providing a World's Fair for the enjoyment of the members and guests of the Society. Over 150 fisheries workers were present and included:

1. Honorable Under Secretary, U. S. Department of Interior, James Carr
2. President Dick Croker
3. Commissioner, U. S. Fish and Wildlife Service, Clarence Pautzke
4. Former Society president Jim Moffett

The meeting was held at the Benjamin Franklin Hotel. Program chairman Bob Meigs of the Washington Department of Game took advantage of the accelerated and varied fishery activities of the west to develop a well-rounded marine and freshwater fishery program for the technical sessions. Included were panel discussions of criteria for successful development of artificial spawning grounds, new developments in fish marking, distribution of anadromous fishes and their relationship to survival in a marine environment, the effects of the European common market on our fisheries, plans and techniques to be used on rehabilitation of about 450 miles of the Green River and its tributaries in Utah and Wyoming, and the influence of recent rejuvenation of mining on the fishery resources. The Western Association of Fish and Game Commissioners have again generously agreed to reproduce additional copies of all the papers presented. These will be available at a small cost (50¢) to members who could not attend the meeting or other interested persons upon request to the Secretary of the Western Division.

President Cliff Millenbach presided at the lively business meeting which was well attended by the membership. Four resolutions were adopted by the Western Division and forwarded to the parent body for their consideration. George Eicher, Chairman Grass Roots Task Force, whose objective is to investigate the advisability of forming state or local organizations within the framework of the American Fisheries Society, appeared before the group and discussed possible ways and means by which subgroups could be formed, and stimulated the discussion which followed.

The next meeting of the Western Division will be held in Tuscon, Arizona, in conjunction with the Western Association of Game and Fish Commissioners. Tentative date for this meeting has been set for June 10, 11, and 12, 1963. New officers elected to carry on the business of the Western Division

were Donald Andriano, President, Utah Fish and Game Department; Wayne Seaman, Vice President, Colorado Department of Fish and Game; and Fred Locke, Secretary-Treasurer, Oregon Game Commission.

Robert Miegs moved that the reports of the Divisions be accepted. The motion was seconded by Charles Campbell and passed.

President Croker called on Chairman Ray Johnson to present the report of the Resolutions Committee.

The Resolutions Committee has 7 resolutions to offer for the Society's consideration. It wishes first to commend the divisional officers for sending in so promptly the resolutions from their annual division meetings in the past year.

Second, the Committee held the view this year that Society resolutions should be concerned less with internal matters which can be proposed for discussion at other times during the business sessions, and more with subjects important to fishery resources or fishery programs. The resolutions were screened rather thoroughly to be sure they were worthy of Society attention and could be backed without reservation.

The resolutions follow:

*Resolution No. 1—Use of Drugs in Treatment of Fish Diseases*

WHEREAS, disease problems exist in nearly all fish cultural activities, and

WHEREAS, suitable levels for addition of therapeutic drugs to foods for cold-blooded animals have not been adequately determined, and

WHEREAS, suitable levels for using such drugs should be developed, but cannot be studied because of Federal restrictions or bans on their use, and

WHEREAS, financial losses resulting from fish mortalities in the State hatcheries have risen as a result of these restrictions,

BE IT RESOLVED, by the American Fisheries Society at its 92nd annual meeting on September 10, 1962, that its President appoint a committee to study this problem, develop recommendations for its solution, and carry on the necessary liaison with the Food and Drug Administration of the United States Public Health Service in Washington, D. C.

BE IT FURTHER RESOLVED, that this committee report to the Society at the 93rd annual meeting on the results of contacts made and studies completed.

Chairman Johnson moved that the resolution be adopted. The motion was seconded by I. B. Byrd and passed.

*Resolution No. 2—Recognizing the Importance of Coastal Wetlands and Waters to Fishery Resources*

WHEREAS, the American Fisheries Society recognizes the dependence of many salt-water fish species upon estuarine habitat and the importance of habitat preservation and protection to the well-being of the recreational resources; and

WHEREAS, the Society is alarmed at the rate of coastal development without due regard to fish habitat destruction and the apparent lack of scientific basis for challenging such development or offering plans for shore project modification; now, therefore,

BE IT RESOLVED, that the American Fisheries Society at its 92nd annual meeting on September 10, 1962, does urge the interstate fishery commissions, the State fish and game conservation agencies concerned, and the United States Department of the Interior and its appropriate agencies to seek authorizing legislation as necessary, and to accelerate action to survey, compile and publicize information regarding economic and intangible fishery resource values, and to amass and analyze scientific data prerequisite to the better management of these productive areas.

BE IT FURTHER RESOLVED, that State and Federal conservation agencies consider the possibility of bringing significant estuarine areas into public ownership.

BE IT STILL FURTHER RESOLVED, that the Society's views on this subject be transmitted to the governors of all coastal states, the State of Hawaii, and the Secretary of the Interior.

Chairman Johnson moved that the resolution be adopted. The motion was seconded by Richard Stroud and passed.

Resolution No. 3—Power Generation at Hanford Reactor—was presented and after considerable discussion returned to the Resolutions Committee for re-writing.

*Resolution No. 4—Salmon Sanctuary*

WHEREAS, the Columbia River salmon and steelhead constitute an invaluable resource contributing greatly to the sustenance and recreation of the Pacific Northwest, and

WHEREAS, the Salmon River in Idaho, a major tributary of the Snake and Columbia rivers, is the last remaining unobstructed spawning and nursery area for a major part of this resource, and

WHEREAS, Federal legislation to make the Salmon River a sanctuary for these fishes has been proposed but not passed

BE IT RESOLVED, that the American Fisheries Society at its 92nd annual meeting on September 10, 1962, supports the concept of the Salmon River as an obstruction-free stream, and that the Society's views should be made known to the Governor of the State of Idaho, the Secretary of the Army, the Secretary of the Interior, and the Federal Power Commission.

Chairman Johnson moved adoption of the resolution. George Eicher seconded the motion and it passed.

Mr. Johnson requested that Mr. Edward Marvich present Resolution No. 5—Research in Fish Genetics. Some discussion followed the reading of Resolution No. 5 and it was returned to the Committee for revision. Mr. Johnson then presented Resolution 6.

*Resolution No. 6—Commendation of United States Forest Service*

WHEREAS, evidence demonstrates that habitats for fishes and game animals are greatly influenced by logging operations, and

WHEREAS, the United States Forest Service requires that logging and road building plans consider the fish and game habitats on its lands and must include provisions for eliminating or mitigating damages to fish and game resources, and

WHEREAS, the currently depressed economic condition of the lumber industry has brought requests to the Forest Service to relax its close regulation of logging methods, and

WHEREAS, the continuation and refinement of regulation is essential to the well-being of the fish and game resources and to the basic natural resources of the Nation,

BE IT RESOLVED, that the American Fisheries Society at its 92nd annual meeting on September 10, 1962, commend the Forest Service for its stand and assure the Service of the Society's support in this matter.

Chairman Johnson moved adoption of the resolution. J. C. Fraser seconded the motion and it passed.

*Resolution No. 7—Appreciation of Wyoming Fish and Game Commission*

WHEREAS, the American Fisheries Society in its 92nd annual meeting has been the guest of the State of Wyoming; and

WHEREAS, the meeting has been held in the midst of magnificent scenery and in surroundings conducive to productive deliberations;

BE IT RESOLVED, that our sincere appreciation be extended informally by our members and officially by the Society to the Wyoming Game and Fish Commission as well as to the Superintendent, Grand Teton National Park for the facilities, services, courtesies, and hard work they have extended to make this meeting successful.

Chairman Johnson moved adoption of the resolution. The motion was seconded unanimously and passed.

President Croker then called on Mason Lawrence, Chairman of the Nominating Committee, to give their report.

In selecting nominees for the offices to be filled, your nominating committee gave careful attention to a number of factors, including ability to perform the duties of the office, record of service to the Society, geographical representation and representation of the various fields of interest included in the Society. We also contacted each proposed nominee to ascertain that he was willing to be a candidate and that he was in a position to serve if elected.

We offer the following nominees for offices of the American Fisheries Society for the ensuing year:

President ..... Edward Schneberger,  
Wisconsin

President, Utah Fish and Game Commission, Fred Johnson

that the reports of the... The motion was seconded by...

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held the view this year that... could be concerned less with... can be proposed for discus-...

*Use of Drugs in Treatment*

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Chairman Johnson moved that the resolu-... motion was seconded by...

*Recognizing the Importance of Wetlands and Waters to Fishes*

American Fisheries Society recog-... of many salt-water fish species...

First Vice President ..... John Gottschalk,  
Massachusetts  
Second Vice President ..... Lauren Donaldson,  
Washington  
George Eicher,  
Oregon  
Secretary-Treasurer ..... E. A. Seaman,  
Virginia

Finance Committee  
L. B. Byrd, Alabama, Chairman  
Albert Swartz, Virginia  
Cliff Millenbach, Washington

Respectfully submitted,  
Joseph E. King  
Fred A. Thompson  
W. Mason Lawrence, Chairman

Samuel Hutchinson moved that the report be adopted and Roland Smith seconded the motion. The motion passed unanimously.

The following four committee reports were not read at the business meeting, but should properly be included and are presented from reports by each. Harry Everhart submitted the report of the Editorial Board.

The *Transactions* represents the scientific and professional standards of the American Fisheries Society. We can discuss educational standards and professional prestige only as long as the *Transactions* remains a high-quality publication among the growing number of scientific journals. Competition for the best young people makes it imperative that the papers we publish serve to attract students to careers as fishery scientists.

Dr. Lloyd L. Smith maintained the records of the *Transactions* in such good order that the transfer of business from Minnesota to Maine took only a matter of hours. Dr. George A. Rounsefell deserves the Society's gratitude for continuing to serve as Book-Review Editor, and we extend our personal thanks for making publication deadlines. Members of the Editorial Board interrupted their regular work to return manuscripts in a minimum of time with a maximum of editing. The following scientists reviewed papers in their specialties: Reeve M. Bailey, Kenneth D. Carlander, Edwin L. Cooper, Alfred W. Eipper, Keith A. Havey, Norman J. Wilimovsky, C. J. Medcoff, Robert R. Miller, G. J. Paulik, William E. Ricker, Douglas S. Robson, Edward J. Sandeman, Geddes W. Simpson, Carl J. Sinderman, John E. Watson, M. W. Smith, Royal D. Suttkus, Joseph H. Wales, Boyd W. Walker, Kendall Warner, Thomas F. Waters, Dwight A. Webster, and Roland L. Wigley. Despite the hours necessary to review a manuscript, not one individual refused to help us.

Time required for processing manuscripts for Volume 91 averaged 8 months. This included time from receipt of the original manuscript until the paper was published. Many papers were published within 5 months. The average could be lower if authors would return revised manuscripts more promptly. Only 9 rejections were necessary, pointing up the quality of papers submitted.

The Allen Press of Lawrence, Kansas, continues to give exceptional service, making it possible to

maintain our publication schedule and relieving the Editor of additional strain.

Attention is called to the generous offer of the Sport Fishing Institute to help with costs of the publication of exceptionally long papers. Up to \$500 is available for the publication of outstanding papers, providing that the author and his employing agency have exhausted regular methods of financing. The Editorial Board would be more than pleased to receive and process longer papers.

Forty-eight regular papers and 27 short papers and notes were published in Volume 91. At the present time 5 papers are in the hands of reviewers and 16 papers are in the hands of authors for various revisions.

C. E. Ruhr submitted the report of the Time and Place Committee.

The Time and Place committees of the American Fisheries Society and the International Association of Game, Fish and Conservation Commissioners met in joint session at the Jackson Lake Lodge on Monday afternoon, September 10, 1962, and considered invitations from various states and provinces offering their hospitality to the two organizations for their 1964 meetings.

It was noted that as previously determined the 1963 meetings will be held at Minneapolis, Minnesota. It was further noted that the second week of September, 1964, begins on Sunday, September 13, and that, it being an even numbered year, the standing custom will be observed of holding the meeting of the American Fisheries Society on Monday and Tuesday, September 14 and 15, respectively, and that of the International Association of Game, Fish and Conservation Commissioners on Thursday and Friday, September 17 and 18, of that week. Wednesday, as usual, will be given over to such entertainment as the host state department arranges, including the annual joint banquet.

It is recommended by your Time and Place committees that the 1964 meetings be held, at the cordial invitation of the Governor, the Department of Conservation, the Mayor and leading civic groups of the city as well as various conservation organizations of the state, in Atlantic City, New Jersey.

International Association Time and Place Committee: Norman Wilder, Delaware, H. H. MacKay, Toronto; Minor Clark, Kentucky; Nelson Cox, Arkansas; Fred Thompson, New Mexico.

Fisheries Society Time and Place Committee: Lyle Christenson, Wisconsin; Lauren Donaldson, Washington; Howard Zeller, Georgia; Wayne Seaman, Colorado.

Reeve Bailey submitted the report of the Committee on Names of Fishes.

This Committee has the function of maintaining a list of names of North American fishes. Periodically the list is published, most recently in 1960 as Special Publication No. 2 of the American Fisheries Society, issued with financial assistance of N. S. F. The Committee does not anticipate another issue of the list until perhaps 1970, but its work continues. New species are being described, others are periodically taken for the first time in our area, classifica-

tion is revamped, and scientific names vacillate. We try to keep track of these changes as they occur and keep the master list updated.

The Committee welcomes suggestions for improvement in the list. The treatment of multiple or subsidiary common names for a single species creates an area in especial need of amplification. Although the main list carries a single common name for most species, alternative names are commonly encountered in vernacular use. These, if frequently heard, are entered in the index with the equivalent name. We encourage those who learn of omissions of such names to drop us a note.

Leslie Scattergood submitted the report of the Awards Committee.

The three-man Awards Committee has selected the following as the best article published in the *Transactions of the American Fisheries Society* in 1961:

Weiss, Charles M.—PHYSIOLOGICAL EFFECT OF ORGANIC PHOSPHORUS INSECTICIDES ON SEVERAL SPECIES OF FISH.

President Croker adjourned the meeting at 9:30 p.m.

### Closing Business Session

The concluding business session of the Society was called to order by President Croker in the Explorer's Room of Jackson Lake Lodge at 4:25 p.m. Ray Johnson was appointed to act as Parliamentarian. A Tellers Committee was appointed by the President with James Simpson as head teller and with Roland Smith and John Budd as the committee.

President Croker asked the Chairman of the Resolutions Committee, Ray Johnson, to continue the report of his committee.

#### *Resolution No. 3—Power Generation at Hanford Reactor*

WHEREAS, the Society is informed that there is a potential production of about 800,000 KW of electric power at the Hanford Atomic Reactor located near the Columbia River in the State of Washington; and

WHEREAS, development of this power could be accomplished through use of the experimental reactor, without damming streams or otherwise damaging the fishery resources; and

WHEREAS, the development of this source of power might possibly save fish through reduction in need for construction of hydroelectric generation facilities on fish producing waters;

BE IT RESOLVED by the American Fisheries Society at its 92nd annual meeting on September 11, 1962 that steps be taken to develop the power potential of the Hanford reactors and that the Society urge the Atomic Energy Commission by letter that this be done.

Chairman Johnson moved that the resolutions be adopted. It was seconded by Lauren Donaldson. Considerable discussion followed. The motion was passed.

#### *Resolution No. 5—Research in Fish Genetics*

WHEREAS, the substantial contribution to agriculture of research in genetics and selective breeding of domesticated animals and cultivated plants is well known; and

WHEREAS, the practical advantages of developing strains of fishes having special characters advantageous to particular fish management uses has been demonstrated; and

WHEREAS, the feasibility of maintaining genetically consistent strains of fishes to serve as test animals is known; and

WHEREAS, research on the genetics and selective breeding of important fishes requires an effort of some magnitude and continuity;

BE IT RESOLVED, that the American Fisheries Society at its 92nd annual meeting on September 11, 1962 urges the inauguration and support of research programs on fish genetics by academic institutions and governmental agencies.

Chairman Johnson moved that the resolution be adopted. James Moffett seconded the motion and it passed.

Vice President Gottschalk read the report of the Auditing Committee prepared by Chairman Howard H. Eckles.

The Auditing Committee examined the Accounts of the Society for the period July 1, 1960, to December 31, 1961, and found them correct. The Committee also examined the report of July 25, 1962, from the Auditor, Mr. Howard C. Haire, Certified Public Accountant, 5507 Edson Lane, Rockville, Maryland, which covers the same period. The accounts of the Society and the Auditor's report were found in good order. The Committee wishes to commend the Secretary-Treasurer and his assistant for the careful and business-like handling of the Society's accounts.

Vice President Gottschalk moved adoption of the report. Stanley Linscott seconded the motion and it passed.

President Croker introduced the next order of business as a pleasant one.

It has been the custom of the American Fisheries Society from time to time, and generally at annual meetings, to present petitions and nominations for Honorary Membership in the Society. These honors are bestowed on those who have served the Society