

The Trout Committee met June 3 and 4 at Vonore, Tennessee. This was a combination committee meeting and workshop. Ten of the biologists present presented papers on topics ranging from stocking invertebrate organisms to stream reclamation to two-story reservoirs to the coho salmon and Ohrid trout. A subcommittee was appointed to begin the process of assembling information available on the Ohrid trout and to accept recommendations from member states as to reservoirs suitable for trial stocking. This fish has unusual potential in southeastern second-story reservoirs because of its lake spawning habit and large maximum size.

The Reservoir Committee met July 13 and 14 in Jackson, Mississippi to conduct its business for the second time this year. The final arrangements were made on a committee project for a cooperative evaluation of predator fish introductions, to begin January 1, 1972. Each participating state will submit the necessary documents for approval as a D-J Federal Aid Project. The objectives of the project are to collect data on ecological factors that may influence the success of predator fish introductions, and to enable the evaluation of the effects of an introduced predator fish on the existing fish population and sport fisheries of warm water reservoirs. The project will encompass three main jobs; fish population surveys, basic limnological survey, and sport fish harvest survey. It will last at least two years. All data will be forwarded to the National Reservoir Research Program, Bureau of Sport Fisheries and Wildlife, Fayetteville, Arkansas, where a computer analysis comparing these data to those of large numbers of reservoirs which do not have populations of introduced predators. This evaluation will be presented to the Reservoir Committee of the Southern Division.

The Pollution Committee also met July 13 and 14 in Jackson. During the meeting, a poll was taken to determine the usefulness of the committee work of 1970 in formulating a list of monetary values of fish. Ten of the eleven state representatives reported that the list has been of considerable value in their programs. Six representatives reported that the list has also been adopted by the states' water pollution agency. The Pollution Com-

mittee is now working to formulate a standardized procedure for investigating fish kills. Most of the procedures were agreed upon and minor points will hopefully be completed before the Charleston meeting in October.

The Reservoir and Pollution Committees enjoyed a field trip to the U. S. Army Engineers Waterways Experiment at Vicksburg, Mississippi. Various hydraulic models were placed in operation to show some of the work involved in pollution abatement.

The Executive Committee of the Southern Division also met in Jackson on July 13 and discussed future plans and the upcoming meeting in Charleston.

The Awards Committee will again be judging papers at our October meeting and recognize the authors of the top papers with plaques and cash. This small incentive program is paying dividends, not only in the quality of the papers but also in the presentations.

Report of Western Division

PAUL CUPLIN, *President*

Chapter Activities

The Western Division of the American Fisheries Society has ten chapters. Most of the chapters have annual meetings at which technical papers are presented. I attended the Idaho Chapter meeting at McCall, Idaho in January, and the Colorado-Wyoming Chapter meeting at Laramie, Wyoming in April. Both meetings had excellent technical sessions and good attendance.

The California-Nevada Chapter again held a joint meeting with The Wildlife Society with nearly 400 in attendance. The keynote address was presented by the Honorable John Dingell, chairman of the House Subcommittee on Fisheries and Wildlife. John Skinner, president of the California-Nevada Chapter, has launched a chapter newsletter called "Pisces."

Most chapters are inactive except at their annual meeting. Two exceptions are the Portland Chapter and the Oregon Chapter. The Portland Chapter meets the most frequently of all chapters—monthly or whenever an outstanding speaker arrives in Portland.

The Oregon Chapter deserves special recognition for its efforts in providing a public

ONE HUNDRED-FIRST ANNUAL MEETING

awareness and concern for estuary protection. The publication *Crisis in Oregon Estuaries* edited by Wm. Q. Wick has received wide distribution. Other active committees in the Oregon Chapter are Conservation Education, Water Resources, Stream Alteration, Environmental Awareness, and Environmental Involvement.

The membership committee reports a unique method of recruitment. Carl Bond recruited 22 new AFS student members by requiring several AFS publications in his classes. The students soon discovered the publications were half price to members.

Annual Meeting

Snowmass-at-Aspen, Colorado

Five technical sessions were presented at the Aspen meeting, July 19-23, 1971, under the direction of Program Chairman George Post, and the Session chairmen. Sessions included "Advances in Fish Culture," R. W. Goede, Utah, Session chairman; "Application of Computers to Advance Fishery Science," Session Chairman Carl Walters, B. C.; "Heat Producing Power Plants Effects on Fish and Shellfish," Session Chairman Cliff Millenbach, Washington; "Application of Research to Management in Fisheries," Session Chairman Fred M. Eiserman; "Special Regulations in Fish Management," Session Chairman Harold K. Hagen, Colorado.

The annual business meeting was held July 21, 1971. Thirty-two members were present. American Fisheries Society officers present were: President Robert M. Jenkins, First Vice-President C. J. Campbell, and Executive Secretary Robert F. Hutton.

President Cuplin gave a short, informal address on the progress made in Chapters. Special recognition was given to the Oregon Chapter for its activities and publication of *Crisis in Oregon Estuaries*, edited by W. Q. Wick.

At the secretary-treasurer's request, Dr. Hutton explained the need for Divisions and Chapters to obtain tax exemption status as provided by Internal Revenue Service regulations. The parent Society will take care of this if requested to do so. President Cuplin has already sent a letter of request on behalf of the Division. The secretary-treasurer will contact each Chapter in the Western Division asking its desire.

Reports by National Officers

President R. M. Jenkins complimented the Division on the program at this meeting and briefly dis-

cussed value of ad hoc committees. He said the American Fisheries Society needs a new editor and discussed the need for a raise in dues. Only one-third of the \$300,000 AFS budget is from dues. He extended an invitation to AFS meeting at Salt Lake City this September.

C. J. Campbell mentioned that the business meeting for once was being held at a convenient time. He talked of the importance of retaining old members while recruiting new ones. Modest gains in membership were made during the past year.

Dr. Hutton talked briefly on sales of special publications and centennial medals, and then asked for questions. As a result, there were discussions on the time required for processing applications for certification, on our continuing to meet with the International Game and Fish Commissioners and selection of meeting places, on unsuccessful efforts to have AFS centennial commemorative postage stamp issued, and on the number of centennial medals still on hand. During the question-answer session, John Skinner expressed the opinion that professional societies are losing members due to their failure to become involved in environmental issues as the Sierra Clubs and similar organizations do. There was considerable discussion by Dr. Hutton and members of the audience including Thomas L. Kimball, executive director of National Wildlife Federation.

Awards Committee. Cliff Millenbach, chairman, reported on the nature of the special award, criteria for selection of recipient, and composition of Awards Committee. Alex Calhoun was selected as the first recipient (at the banquet on the evening of July 21 the plaque was accepted for Alex by G. Ray Arnett, director of California Fish and Game Department).

Resolutions

Ralph Larson, chairman, advised that a resolution on fish diseases was returned to its sponsors with the suggestion that other cold-water species be included in the resolution as well as salmon, and was not considered at this time. Ralph moved the following resolutions be passed:

Resolution 1, Commending the Department of Interior and Officials of Fish and Wildlife Service, was seconded by Cliff Millenbach and passed.

Resolution 2, Foreign Tropical Fish Introduction, was seconded by C. J. Campbell. In discussing this resolution, John Skinner advised exotic fishes may be introduced when water carried as ballast on foreign ships is released. It is suspected that Japanese gobies and two species of eels have been introduced into San Francisco Bay in this manner. Resolution was passed as originally written.

Resolution 3, Public Land Law, requests the

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Western Division

Cuplin, President

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Western Division to appoint an ad hoc committee to study bills pertaining to public land. Seconded by Donald Andriano; passed.

Chairman Ralph Larson suggested that future Resolution Committees be loaned a notebook containing copies of all past resolutions (or at least those for the past five years) for reference. This will enable committee to determine if previous action has been taken on a resolution under consideration. President Cuplin requested that the secretary-treasurer implement this suggestion.

Election of Officers

The following officers were elected and installed:
 Arthur N. Whitney, president (he was President-Elect last year.
 Ralph Larson, president-elect
 George Holton, secretary-treasurer
 Cliff Millenbach, Western Division representative to the national Nominating Committee

Plaque Presentation

C. J. Campbell presented the Past President's plaque to outgoing President, Paul Cuplin.

BUSINESS MEETING

The annual business meeting of the American Fisheries Society was called to order by President R. M. Jenkins at 3:30 p.m., September 17, 1971, in the Lafayette Ballroom of the Utah Hotel, Salt Lake City. He declared the presence of a quorum, as required by Article IV, paragraph 3, of the Constitution.

In view of the length of this session, it is impractical to publish a detailed report of all comments, discussion, and questions. A stenotype transcript is on file in the Society's executive office for reference and verification of this resume. All motions that were passed, together with all resolutions adopted and other actions taken, are included in the following account.

Reports of the Divisions, Standing Committees, and ad hoc Committees were presented and accepted. These reports are published elsewhere in this issue.

The following actions were taken by vote of the membership assembled. These actions were supplementary to, or required by, the vote of the Executive Committee in its session on September 14 (which see).

Honorary Members

Three Honorary Members were elected, as follows:

Seton H. Thompson of Florida, nominated by I. B. Byrd.

George E. Sprecher of Wisconsin, nominated by Charles N. Lloyd.

Gordon Gunter of Mississippi, nominated by John F. Dequine.

Resolutions

The following five resolutions were presented by the Resolutions Committee and were

adopted by voice vote on motion by William R. Heard, chairman of the Committee.

Resolution to Regulate Man-Made Discharges of Mercury and Other Heavy Metals into the Environment

WHEREAS, problems with mercury pollution have greatly affected fishery resources all across the continent; and

WHEREAS, said mercury pollution has resulted in the closure of fisheries in thousands of acres of water resulting in millions of dollars of economic loss and unknown damage to recreational and aesthetic uses of these waters; and

WHEREAS, all the heavy metals, in addition to mercury, have been demonstrated to have an adverse effect on fish and aquatic life either through outright mortality or cumulative effects on sport and commercial fishes; and

WHEREAS, the unknown long-range damage of mercury pollution can be expected to persist for an undetermined period; existing and potential losses due to other heavy metal pollutants in the aquatic environment may also further adversely affect the fisheries productivity and the recreation value of these waters; therefore be it

RESOLVED, that problems related to heavy metal pollution and the demonstrated and potential effects of heavy metals be brought to the attention of appropriate governmental agencies including the President's Council on Environmental Quality; and be it further

RESOLVED, that the American Fisheries Society, assembled at its 101st annual meeting at Salt Lake City, Utah, September 15-18, 1971, requests the