

"in time for sale at the 'Southeastern' in Baltimore, 21-23 October 1968.

Our able program committee chairman, Bob Rubelmann, reports that all is going well with planning for the next annual meeting of the Southern Division of the American Fisheries Society to be held in conjunction with the 22nd Annual Conference of the Southeastern Association of Game and Fish Commissioners at the Emerson Hotel in Baltimore, Maryland on 21-23 October 1968.

The technical fisheries section will include approximately 45 individual papers and a panel discussion of water pollution problems. Presentation and discussion of formal papers will be limited to 15 minutes each. This rather restrictive time limit behooves careful attention to preparation and delivery on the part of the contributors. The primary business session of the Southern Division for election of officers, and so forth, will be held Tuesday afternoon, 22 October.

The Program Chairman has announced that arrangements have been completed for a Chesapeake Bay Cruise beginning at 12:30 p.m., Sunday, 20 October, and culminating with a fish fry and tour of Remington Farms on Maryland's eastern shore. If interested in participating, members should plan for an early arrival. See you in Baltimore.

### The Report of the Western Division was presented by T. J. Trelease, President.

The Western Division of the American Fisheries Society held its 20th annual meeting in Reno, Nevada 8-11 July 1968, in conjunction with the 48th Annual Conference of the Western Association of State Fish and Game Commissioners. The meeting culminated a year of interesting work with local chapters of the Western Division. This involved participation in the first annual meeting of the Arizona-New Mexico Chapters and aid to encourage the formation of a local chapter for Alaska. The Montana Chapter also held its first annual meeting this year.

Perhaps the main topic of interest that developed during the year was a petition from the Oregon Chapter to the effect that: "(1) There be reconsideration of page charges to determine whether such changes have a deleterious effect on the quality of the Transactions, and if so, to substantially modify and eliminate such charges and (2) Appoint a Study Committee to consider all means of enhancing the quantity of the Transactions." After getting opinions from most of the Executive members of the Western Executive Committee of the Parent Society at Houston, Texas and President Lloyd Smith subsequently appointed a committee to study the page charge problem. The committee Chairman is Stanford Smith, of the Bureau of Commercial Fisheries, Michigan.

During the year the By-Laws of the Western Division were approved by the Parent Body's Executive Committee, as were those of the California-Nevada and Arizona-New Mexico Chapters.

The Business Meeting at the end of the conference on 11 July was attended by 28 members. Considerable discussion developed in conjunction with the interstate shipment of live fish by aircraft. A committee was appointed consisting of Alex Calhoun, California Department of Fish and Game, Chairman;

Professor James Deacon, Nevada Southern University and Don Andriano, Utah Department of Fish and Game, to more thoroughly investigate the magnitude of the problem and report back to the 1969 meeting of the Western Division.

Five resolutions were passed by the Western Division. They reflected the growing concern over the protection and development of estuaries of the Pacific coast and the adverse effects of highway construction upon fish habitat. One resolution encouraged the improvement of current methodology used in economic studies to better reflect the values of fish and wildlife. Another resolution expressed the gratitude of the Western Division to the A.F.S. Committee headed by Dr. Smieszko for the plan they developed to prevent the entry of salmonid diseases into the United States from other continents.

The Technical Sessions under the Chairmanship of Dale Lockard of the Nevada Fish and Game Commission, went smoothly and evidenced much interest as indicated by good attendance. Concurrent sessions were held on Management and Research and on Fish Cultural programs. This was done to encourage more fish cultural people to participate in the Society. It seemed to have been successful judging from comments made and attendance at the sessions. New officers elected for 1968 include Fred Eiserman, President; Charles Campbell, President-Elect; Paul Cupplin, Secretary-Treasurer; Jim Simpson, Division Representative on the Nominating Committee of the Parent Society.

The next meeting of the Western Division will be held at Jackson, Wyoming.

### The Report of the AFS-AAS Program Committee was presented by Clark Hubbs in the form of the following program entitled "Symposium on Cytogenetics of Fishes."

SYNOPSIS: The symposium will have as its purpose the bringing together of recent work on cytological and genetic analysis of fishes. This area has undergone extensive investigation from people trained in diverse areas. The symposium will, for the first time, bring these workers to a common meeting so that they can discuss problems and implications from their research.

MEMBER: Behnk, Robert. Colorado State University Colorado Cooperative Fisheries Unit The application of cytogenetic and biochemical systems to phylogenetic studies.

Miller, Robert R. Museum of Zoology University of Michigan Artificial hybridization as an index of relationship in poeciliid fishes. Hester, F. Eugene. Cooperative Fisheries Unit North Carolina State University The phylogenetic relationships of sunfishes as demonstrated by intergeneric hybridization. Childers, William F. Illinois Natural History Survey The importance of behavioral reproductive isolating mechanisms in certain species of sunfishes. Kallman, Klaus D. Genetics Laboratory New York Zoological Society Fragment patterns in fishes of the genus *Xiphophorus* and their genetic control.