



NEWSLETTER

of the Introduced Fish Section
American Fisheries Society

November 1986

Nick C. Parker, Editor

Volume 7, Number 1

FROM THE PRESIDENT

This has been a productive period for the Introduced Fish Section. Many activities that have been ongoing for a few years were completed. The March-April issue of Fisheries was dedicated to Introduced Species and contained the seven papers presented at our 1984 symposium. That issue also contained a draft "Position of American Fisheries Society on Introduced Aquatic Species." This position statement was approved by the AFS Executive Committee at the 1986 annual meeting in Providence, Rhode Island. The AFS Executive Committee also approved our recommended "Terminology Associated with Introduced Organisms." The terminology was published in the July-August Fisheries, 1984. Hopefully, this effort will promote consistency in our fishery literature.

Two committees were especially active this year. The General Conservation and Manipulation of Fishes Committee, chaired by David Philipp, completed a report from a questionnaire on the states' philosophies and practices regarding genetic conservation. The committee also organized a symposium "Genetics and Fisheries: Today and Tomorrow" for the 1986 annual meeting. The Chinese Carp Committee, chaired by Stan Allen, conducted a survey on grass carp production and research to assess the role of triploid grass carp. This report was published in our last Newsletter.

I think a major product of our Section has been -- and will continue to be -- our Newsletter. In addition to reporting our own activities, we serve as a point of information transfer between agencies, universities, and others interested in transplanted and exotic fishes (this issue for example). We rely on news releases, magazine articles, and personal communications with you -- our members. This latter is usually the most current, so please provide our Editor with any information that should be of interest to our members.

We are "in trouble" in one area. Our membership has dropped to 185. The Section's President is a member of the AFS Executive Committee. However, in order to vote in 1987, we need to increase our 1986 membership to 200. Although I have identified a Membership Committee, we need your help in recruiting additional members this year. If you cannot find a new AFS member, find an existing one with interest in our activities and have them supplement their dues with \$3.00 to our Section. They must specify that the dues are for 1986.

While recently soliciting a new member, I was asked what our purpose is. I referred them to our revised Bylaws (later in the Newsletter). I think, however, our Past-President best summarized our goals as "--- to promote the understanding of the benefits and risks associated with proposed introductions." I trust our activities are such that we can attract new members without a lot of special work by our Membership Committee. I will identify some additional committees in the next Newsletter. I am looking forward to the coming year and hope we can have one as productive as the past one under President Jay Stauffer.

Jim Clugston

Minutes of the 1986 Annual Business Meeting
of the Introduced Fish Section
17 September 1986

President Jay Stauffer called the Annual Business Meeting to order at 1330 h, 17 September 1986, in Providence, Rhode Island, in conjunction with the Annual Meeting of the American Fisheries Society. He reported that the position statement as revised by Chris Kohler and Walt Courtney as published in Fisheries was passed by the AFS EXCOM after minor modification. The statement was amended to delete all examples. The definitions presented in the paper "Terminology Associated with Introduced Organisms", by Paul L. Shafland and William M. Lewis (Fisheries 9(4):17-18), was accepted and passed by the AFS EXCOM.

President Stauffer also noted that the Section needed 15 new members to retain voting rights on the AFS EXCOM. A section must have 200 members by 31 December of the preceeding year for the president to be allowed to vote at the EXCOM meetings.

Treasurer Nick C. Parker presented the Treasurer's Report. During the 2-year term of office, the beginning balance was \$570.55, dues receipts totaled \$1142.07 and donations from book royalties by Walt Courtney and Jay Stauffer totaled \$327.22. Total credits were \$2039.84 for 1985 and 1986. Debits totaled \$1223.64 for a balance of \$816.20 as of 9 September 1986.

President Stauffer presented a request from Fred Allendorf for financial assistance to defray expenses to the Annual Meeting. Dr. Allendorf presented a paper in the Symposium on Fisheries Genetics. He originally booked a supersaver flight for about \$200, but the airline company folded and he was forced to rebook on another airline at premium rates, approximately \$900. The members approved a payment of \$100 from the treasury to Dr. Allendorf.

The Fish Genetics Section was established and approved by the AFS EXCOM at the meeting in Providence. The new Section arose from the Introduced Fish Section which was formerly a committee in the Fish Culture Section.

President Stauffer presented the minutes of the 1985 Business Meeting and asked for approval. President-Elect Jim Clugston moved for acceptance with clarification that the Bylaws state that the Secretary-Treasurer "may hold office for two consecutive terms". The preceeding section of the Bylaws defines the term of office, "....Secretary-Treasurer shall be elected for a term of one year or until a successor is elected". Peter Moyle seconded the motion and it passed unanimously.

President Stauffer informed the members that the Computer Users Section would like to establish a liaison with the Section to explore interactions. The Computer Users Section could computerize mailing lists, develop a directory, and assist the Sections in other areas of data management. No action was taken at this time.

President Stauffer encouraged all members to contribute items for the Newsletter and then presented the gavel to incoming president, Jim Clugston.

President Clugston accepted the gavel and presented a Past-Presidents plaque to Jay Stauffer. Members expressed their appreciation with a warm round of applause. President Clugston introduced President-Elect Nick C. Parker and Secretary-Treasurer Paul Shafland.

President Clugston challenged the members to become more involved. Producing the Newsletter is one of our major functions; he asked all members to contribute. As indicated by the abstracts of the AFS Annual Meeting in Providence, there is a considerable amount of research underway on introduced species and Section members could share their plans and progress with other members by sending a short note to the Newsletter editor.

President Clugston called for new business. Peter Moyle informed the members that a special Symposium on Interaction of Resident and Introduced Species was planned for the annual meeting of the American Society of Ichthyologists and Herpetologists (ASIH), to be held 17 - 24 June 1987 in Albany, New York.

Jay Stauffer suggested the Section plan a symposium for the 1987 or 1988 AFS Annual Meeting. Introduced species that might be of major interest were tilapia, trout, and grass carp. However, consideration should also be given to the small non-game species that may impact native stocks. How do small Notropis species and cyprinids affect native fish. Perhaps we should make people aware that introduced clams, copepods, etc. are here and that we know little about their impact. There was some discussion that the Section should hold special symposia not in conjunction with the AFS Annual Meeting. The Early Life History Section holds a very successful meeting each year and meets independently of the Society.

The meeting was adjourned at 1407 h.

BYLAWS
of the
INTRODUCED FISH SECTION
of the
American Fisheries Society

Section I. Name

The name of this organization shall be the INTRODUCED FISH SECTION of the American Fisheries Society as provided for by the Constitution and Bylaws of the Society. In this context the name introduced fish is taken to include fish, shellfish, crustaceans, and other aquatic organisms regulated by fisheries legislation or effecting the well-being of the fisheries resources.

Section II. Objectives

The objectives of the Introduced Fish Section are to:

- (a) develop and maintain an association of persons interested and involved in the use of introduced and other aquatic organisms;
- (b) coordinate and develop programs to advance the knowledge and concerns related to introduced species;
- (c) to provide a forum for identifying and bringing attention to bear on the beneficial and potentially harmful impacts of introduced species;
- (d) to encourage communication among scientists, administrators, managers, educators, aquaculturists and others interested in introduced species;

- (e) to assist federal, state and private groups in making informed decisions on introduction of species; and
- (f) to advise private industry in developing procedures for the safe handling of introduced species intended for closed system maintenance and culture.

Section III. Membership

Membership in the INTRODUCED FISH SECTION shall be open to all members in good standing of the American Fisheries Society. Each SECTION member is entitled to one vote on all matters requiring the approval of the membership.

Section IV. Officers.

The officers of the SECTION shall be the President, President-Elect, and the Secretary-Treasurer.

- (a) The President-Elect and Secretary-Treasurer shall be elected for a term of one year or until a successor is elected. The President-Elect shall succeed to the office of President at the expiration of the President's term of office, which is one year. Officers shall serve without salary or other compensation for their services from the SECTION.
- (b) No officer shall hold the same office for consecutive terms except the Secretary-Treasurer who may hold office for two consecutive terms.
- (c) Candidates for office shall be nominated by a nominating committee appointed by the President. Mail balloting shall be completed at least one week before the annual meeting of the SECTION. Officers shall be elected by a majority of the returned mail ballots.
- (d) In the event of a vacated position, the Executive Committee shall appoint a qualified replacement for the unexpired terms.

Section V. Duties of Officers

- (a) The President shall serve as chairman of the Executive Committee of the SECTION and shall preside at the business meeting of the SECTION, appoint all committees and serve as an Ex Officio member thereof.

The President shall represent the SECTION and perform other duties and functions as authorized and necessary.

- (b) President-Elect: The President-Elect shall perform the duties of the President in the absence of the President and shall serve as editor of the newsletter to the members.

(c) Secretary-Treasurer: The Secretary-Treasurer shall maintain a current list of the membership, receive all funds, pay all bills, keep an itemized account of all receipts and disbursements, present a semi-annual report to the SECTION Executive Committee and an annual report to the membership. He/she shall submit a report to the Executive Director of the Society within 30 days after the annual meeting of the SECTION is held and at other times as requested by the Executive Committee of the Society.

Section VI. Meetings

The SECTION shall hold at least one business meeting annually at a time and place designated by the Executive Committee. Special meetings may be called by the President with the advice and consent of the Executive Committee.

Section VII. Executive Committee

The Executive Committee shall consist of the officers and the immediate Past President of the SECTION, and one representative elected from each of the Divisions of the Society. The Executive Committee shall have authority to determine policies and conduct business consistent with the objectives of the SECTION. Meetings of the Executive Committee may be held at the call of the President when a majority of the committee members can meet and conduct business. Business and voting by the Executive Committee may be conducted by mail.

Section VIII. Voting and Quorum

Decisions at business meetings and the SECTION shall be in accordance with the Constitution of the Society. A quorum at business meetings shall be 15 members of the SECTION.

Section IX. Fees

The Executive Committee may assess those attending a meeting of the Section a registration fee as provided by the Constitution and Bylaws of the Society. The annual membership fee shall be \$3 unless determined otherwise by the Executive Committee. Expenses of officers may be defrayed from funds available to the SECTION when authorized by the Section Executive Committee.

Section X. Terminology Associated with Introduced Organisms *

In all its written correspondence/documentations, the SECTION shall utilize the terminology defined in "Shafland, P.L. and W.M. Lewis, 1984. Terminology associated with introduced organisms. Fisheries 9(4):17-18".

Section XI. Amendment of Bylaws

The Bylaws of the SECTION may be amended by mailed ballot and approved by a vote of 2/3 of the SECTION members voting on the amendment and by subsequent approval of the Society Executive Committee in accordance with the Constitution and Bylaws of the Society.

*New Section

APPROVED MARCH 31, 1985
AFS EXCOM SEMI-ANNUAL MEETING
LAKE OZARK, MISSOURI

OFFICERS -- 1987

<u>President</u> Jim Clugston U.S. Fish & Wildlife Service 7920 N.W., 71st Street Gainesville, FL 32606 (904) 378-8181	<u>President-Elect</u> Nick Parker U.S. Fish & Wildlife Service 503 Bibb Street Marion, AL 36756 (205) 683-6175
---	--

Secretary-Treasurer

Paul Shafland
Florida Game and Fresh Water Fish Commission
Boca Raton, FL 33432
(305) 391-9409

Membership Committee

Al Zale, Chairman
Oklahoma Cooperative Fishery Research Unit
Room 433, Life Sciences West Building
Oklahoma State University
Stillwater, OK 74074
(405) 624-6342

Wayne Hubert
Wyoming (307) 766-5415

Jim Terrell
Colorado (303) 226-9417

Jim Moulton
Connecticut (203) 566-2287

Larry Eng
California (916) 445-1383

NEWS ITEMS

CALAVERAS STOCKING MARKS END OF CORVINA PROGRAM

The Texas Parks and Wildlife Department completed its orangemouth corvina experimental program this summer with the stocking of 775,500 fingerlings in Lake Calaveras at San Antonio. Corvinas and hybrid crosses between corvinas and spotted seatrout (speckled trout) have been released primarily in Lake Calaveras. Corvinas are a member of the drum family, and in appearance they closely resemble the spotted seatrout of the Texas coast. Brood stock for the experiments were obtained from the Salton Sea in California, an inland saltwater lake. The fish are common in Mexico's Sea of California. Researchers in Texas have found that while corvinas cannot withstand water temperatures below 60 degrees, they thrive in water as warm as 95 degrees and salinities ranging from fresh to 40 parts per thousand. Corvina hybrids have sufficient low-temperature tolerance characteristics to survive in some power plant-heated reservoirs in Texas, but the hybrids are difficult and expensive to produce. Difficulties in obtaining brood stock also was a consideration in terminating the program in Texas. However, corvinas exhibit considerable potential for mariculture, a possibility now being explored by Dr. Connie Arnold at the University of Texas Marine Science Institute at Port Aransas. For additional information contact John Prentice, Texas Parks and Wildlife Department, Heart O' the Hills Research Station, Ingram, Texas.

GRASS CARP RESEARCH

The use of triploid grass carp for biological weed control is now being considered by several fisheries management agencies that once considered the step risky, such as the Washington Department of Ecology and the Washington State Department of Game. The goals of this grass carp research project are to (1) determine the environmental safety of triploid-grass-carp-use to control plants, and (2) to develop a triploid grass-carp-unit model that can be applied by agencies in Washington State to control aquatic macrophytes. All field studies will employ the before-after-control-impact experimental design in order to achieve results by statistical inference. Contact Gilbert B. Pauley, Washington Cooperative Fishery Research Unit, Seattle, Washington, for additional information.

U.S.F.W.S. VISITING SCIENTIST

Dr. Jonathan Chervinski from the Fish and Aqu-Culture Research Station, Hof-Hacarmel, Israel, is a visiting scientist at the Southeastern Fish Cultural Laboratory in Marion, Alabama. During his 10-month visit he will study striped bass, hybrids of striped bass and their interactions with Tilapia. Contact Nick C. Parker for additional information.