

STATEMENT OF THE FIFTEENTH JOINT MEETING OF THE  
UJNR AQUACULTURE PANEL  
OCTOBER 22-23, 1986

The fifteenth joint meeting of the UJNR Aquaculture Panel was held on October 22-23, 1986, at Kamogawa-Kaikan in Kyoto, Japan. A business meeting was held in the morning of October 22 followed by a Symposium on October 22 and 23. The topic of the Symposium was "Marine Farming and Enhancement." Conrad Mahnken, U.S. Panel Chairman, and Ikuo Ikeda, Japanese Panel Chairman, presented welcoming addresses and opening greetings. Panel member, guests and observers were introduced by the respective Panel Chairman (Appendices I and II).

I. BUSINESS MEETING

The business meeting was chaired by the U.S. Vice Chairman, Robert Wildman, and the Japanese Panel Secretary General, Koji Wada. Rapporteurs for the meeting were Robert Stevens and Teruyuki Nakanishi.

The following matters were discussed during the business meeting:

1. Exchange of Scientists

The exchange of scientists under the auspices of the UJNR Aquaculture Panel continued in 1985-86. During that time, arrangements were made for the following exchanges:

- 1) Akihiko Hara, National Research Institute of Aquaculture (NRIA)--To NMFS, Northwest and Alaska Fisheries Center in Seattle, and the University of Washington, June 1986 to February 1987.
- 2) Carlos Espinosa, University of Washington--to NRIA in Mie and Nikko, Tohoku Regional Fisheries Research Laboratory, and Miyagi Prefectural Freshwater Fisheries Laboratory, June 1986.
- 3) Ronald B. Landry, Cornell University and NOAA's National Marine Pollution Program Office--To the IV International Congress for Toxicology in Tokyo, Fisheries Agency and Ministry of Health and Welfare in Tokyo, and NRIA.
- 4) Alexander Bill, Cypress Salmon Farms, Washington--To the Miyagi Prefectural Freshwater Fisheries Laboratory, and Miyagi Prefectural Fish Farming Center, November to December 1985.
- 5) The U.S. Panel requested help in arranging a study trip to Japan for Christopher Toole, Sea Grant Extension Agent, Humbolt State University, California for the period January to June 1987.
- 6) The Japanese Panel is considering sending a scientist from NRIA, to the U.S. as an exchange scientist during 1987. Details will be provided when funding is secured.

The U.S. Panel has proposed that a formal cooperative agreement be established between NRIA and the South Carolina

Marine Resources Division's Waddell Mariculture Center. The agreement would encourage the exchange of scientists and technical information and foster the development of cooperative research programs of mutual interest to both institutions. The U.S. Panel submitted a draft form of the agreement to the Japanese side for their review and comment. The U.S. Panel requests Japanese panel comments on the proposed agreement by the end of February 1987.

2. Literature Exchange

The Japanese Panel received 86 papers and a bibliography listing the papers sent by the U.S. Panel as of September 27, 1986. The Japanese Panel sent 86 papers with a bibliography listing the Japanese papers plus ten copies of the English version of "Annual Report on Japan's Fisheries (1985)" to the U.S. Panel on September 29, 1986. The U.S. Panel presented the Japanese chairman with a newly published book entitled "Synopsis of Invertebrate Pathology: Exclusive of Insects (Elsevier)." The book was presented on behalf of the author, and U.S. panel member Albert Sparks.

3. Cooperative Studies

a. Completed Programs.

- 1) Sea Ranching of Western Pacific Chum Salmon in the Western Atlantic (Maine). The U.S. Panel Chairman gave a brief report on results of this cooperative study and thanked the Japanese panel for their hard

work in making this project a success. Final results will be forthcoming in scientific publications authored by the project managers, Phil and Evelyn Sawyer.

- 2) Transportation to Japan of larvae of the shrimp, Panaeus stylirostris, for experimental purposes. The larvae were determined to be unsuitable for experimentation and the transportation project was terminated.

b. Ongoing Programs

- 1) The establishment of a permanent UJNR working group on introductions of non-indigenous species:

The U.S. proposal to establish a working group to draft guidelines for the introduction of non-indigenous species is controversial. The U.S. side proposed that the Japanese Chairman appoint a counterpart to work with Dr. Sindermann and the Japanese side agreed. Dr. Sindermann will redraft the proposed guidelines by March 1987 for review by the Japanese counterpart. The Japanese side will return the draft with their comments by July 1987 and a final draft will be presented to the panels at the Sixteenth Joint Meeting.

2) Preparation of a Registry of Fish Pathology (ROMP):

The U.S. side was pleased to learn that Tosh Matsusato has completed the written descriptions of 150 Japanese case histories for part one of the Japanese portion of the Registry of Marine Pathology (ROMP). Part two of the Japanese contribution will bring the total to more than 500 case histories and will be completed by February 1987.

3) Preparation of an international index of marine aquaculture diseases:

This project was proposed for consideration by the U.S. side at the Twelfth Joint Meeting of the UJNR Aquaculture Panel. It was agreed that this cooperative project not proceed until the ROMP project is completed.

4. Status of Publications

Editing of the "Proceedings of the Twelfth (1983) U.S.-Japan Meeting on Aquaculture" has been completed and the document has been submitted for publication. Editing of the "Proceedings of the Thirteenth (1984) U.S.-Japan Meeting on Aquaculture" is nearing completion. Editing of the "Proceeding of the Fourteenth (1985) U.S.-Japan Meeting on

Aquaculture" is in progress. Carl Sindermann has retired as UJNR editor and is replaced by Albert Sparks. Both panel chairmen wish to express their gratitude to Carl Sindermann for his many years of work in editing the UJNR proceedings.

5. Other Business

- 1) Third five year plan: The U.S. panel agreed to the topics proposed by the Japanese side.
- 2) MRECC Charter: The U.S. Panel will draft an MRECC Charter and transmit to Japanese Panel for comments.
- 3) Scientist Exchange: The Japanese Panel urged that the U.S. side let the Japanese Secretary General know well in advance when exchange scientists are coming to Japan. The U.S. side proposed that the UJNR Panel report scientist exchange activities in two categories:
  - a. Long term scientist exchange. These exchanges are months to years in length and are usually for the purpose of carrying out cooperative research on a specific research topic. It may involve federal or non-federal scientists (scientists from state and prefectural laboratories and universities).
  - b. Short term visits: These exchanges are days to weeks in length and are generally study tours to familiarize scientists with state of the art scientific developments in the host nation. Again, they may involve scientists from federal or non-federal laboratories.

4) The U.S. Panel requested the cooperation of the Japanese side in studying the feasibility of convening the 20th meeting of the World Aquaculture Society in Japan in 1990.

5) Plans for the Next Joint Meeting

Tentative plans for next year's meeting are to hold the business meeting and the Symposium during October/November at the Marine Resources Center, Charleston, South Carolina. The field trip will include visits to research institutions and commercial aquaculture facilities in the southern part of the United States. The topic of the 16th Joint Meeting will be Genetics in aquaculture (genetic engineering, ploidy, breeding, etc.).

6) Information on the Field Trip

The Japanese panel members provided information on the 1986 field trip to Kyushu Island.

II. SYMPOSIUM

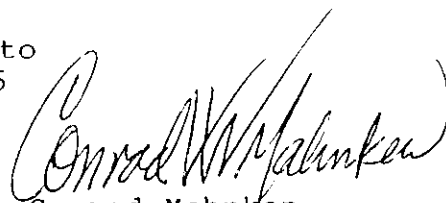
The main symposium was held in Kyoto with two satellite symposia in Nagasaki and Kagoshima. Topic was the use of aquaculture to enhance common property fisheries. Sixteen papers were given at the main symposium, and 7 and 5 papers were delivered at the Nagasaki and Kagoshima satellite

symposia respectively. The symposium agenda is included in Appendix III and IV. The U.S. Chairman expressed his deep gratitude for the kind arrangements made by his Japanese colleagues for the symposia and field trip. Both chairmen wish to express their sincere gratitude to Dr. Mito, Director of the Seikai Regional Fisheries Laboratory and Dr. Kito for their kind arrangement of the mini-symposia and field trip on Kyushu. Thanks is also given to Dr. Koganezawa for arranging the Sendai field trip.

Kamogawa-Kaikan, Kyoto  
October 22-23, 1986



Ikuo Ikeda  
Chairman



Conrad Mahnken  
Chairman