

STATEMENT OF TENTH JOINT MEETING OF THE  
UJNR AQUACULTURE PANEL  
OCTOBER 27, 1981

The Tenth Joint Meeting of the UJNR Aquaculture Panel was held on October 27, 1981, at the Marine Science Center, University of Delaware, Lewes, Delaware.

Dr. Takeshi Nose, Secretary General of the UJNR Aquaculture Panel acted as chairman for the Japanese Panel because Dr. Hanamura could not attend. Mr. Conrad Mahnken was chairman for the United States Panel. Dr. Nose announced a change of officers for the Japanese delegation. Dr. Akira Suda, former chairman, has accepted a new position as Executive Director of Japan Sea Farming Fisheries Association. In his place, Dr. Nobuhiko Hanamura has been appointed as the new chairman, Japanese Panel. Rapporteurs for the tenth meeting were Dr. Kouichi Ohwada and Mr. Ben Drucker.

Mr. Robert Wildman was appointed as the new Vice-Chairman of the U.S. Panel to replace Dr. Tapan Banerjee who has accepted a position with the U.S. Agency for International Development in Indonesia.

1. Scientist Exchange

The scientist exchange program sponsored by UJNR is an effective means of exchanging information on aquaculture between the two countries and was continued between the Ninth and Tenth UJNR meetings. During this period:

- Dr. Arai and Dr. Wada visited the NMFS, Seattle, Washington Laboratory and the University of South Carolina respectively.
- Graduate students from the University of California and Western Washington University visited the Tohoku Regional Fisheries Laboratory and the Oyster Research Institute.

- Three members of the Japanese Panel of the UJNR and three scientists as observers, attended the Tenth Joint UJNR Meeting and the Second International Conference on Aquaculture Nutrition.
- In 1982, Dr. Nagahisa Uki will visit the United States to do research on abalone aquaculture.

## 2. Literature Exchange

For the period 1980-1981, the Japanese Panel sent to the U.S. Panel 120 scientific papers. During the same period, the U.S. Panel sent to Japan 78 scientific papers. At the Tenth UJNR Meeting, the Japanese delegation presented to the U.S. Panel five copies of a publication entitled "Review on Aquaculture Research in Japan."

A computerized data base for literature surveys in the field of aquaculture is currently available to Japanese UJNR members.

## 3. Cooperative Studies

An up-date of ongoing programs was presented. These included:

### 1) Registry of Marine Pathology

This program has been most successful and will be continued in the future. It is hoped that a publication will result in a photographic atlas of diseases of marine and freshwater fishes.

### 2) Mass Mortality of Oysters

This program has been ongoing for a number of years and the principal investigators will decide whether or not to continue the study.

3) Disease Resistance of U.S. Oysters in Japan

Strains of disease resistant oysters have been sent to Dr. Kan-no by Dr. Chew, and comparisons have been made with wild populations. This program should be completed.

4) Cooperative Studies on Abalone

Dr. Uki will be visiting the United States in 1982, and he will discuss with U.S. investigators the potential for a cooperative program beneficial to both countries.

At this time, the U.S. Panel has no new cooperative projects to propose. However, during the coming year they will look into the potential for establishing cooperative programs such as:

- Smoltification
- Reproductive physiology
- Comparative nutrition
- Water re-use systems
- Pond dynamics

The Japanese Panel also has no new proposals to suggest at this time.

Any proposals developed during the coming year will be sent to the Chairmen of the Japanese and U.S. Panels prior to the next meeting in adequate time for review.

4. Second Five-Year Plan

The following schedule was agreed upon as the second five-year plan for UJNR activities:

- YEAR 1 (Japan) - Salmon Enhancement (ocean ranching, salmon farming, public hatchery systems, carrying capacity, smoltification, seeding, nutrition, evaluation of stream stocking, etc.)
- YEAR 2 (USA) - Aquaculture Engineering (emphasis on structures and new automated technology in aquaculture systems)
- YEAR 3 (Japan) - Environmental Quality in Aquaculture Systems (water quality, self-pollution, water re-use systems and animal health)
- YEAR 4 (USA) - Reproductive Physiology (genetics and breeding of aquaculture species)
- YEAR 5 (Japan) - Marine Ranching

##### 5. Publications

An editorial policy was agreed on by both Panel Chairmen. This accepted policy includes:

- Papers are to be written in English
- All papers will be published by the U.S. side with one Japanese and one U.S. scientist as co-editors
- For maximum coverage, the papers will be published as an official publication
- Papers will be summarized at meetings
- Papers will be distributed to members and observers prior to presentation at the annual meeting

- Publications consist of three types of papers:-

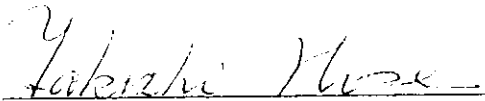
- Overview papers
- Status of research papers, and
- Technical papers

The 1978 and 1979 papers are currently being prepared for publication by Dr. Sindermann. The 1980 and 1981 papers will appear as a single publication.

6. Next Joint Meeting

The next meeting of the UJNR Panel is scheduled for Tokyo, Japan, in mid-October 1982. The meeting theme will be "Salmon Enhancement." A field trip to northern Japan will follow the business meeting.

Lewes, Delaware  
October 27, 1981

  
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Takeshi Nose

  
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Conrad Mahnken