

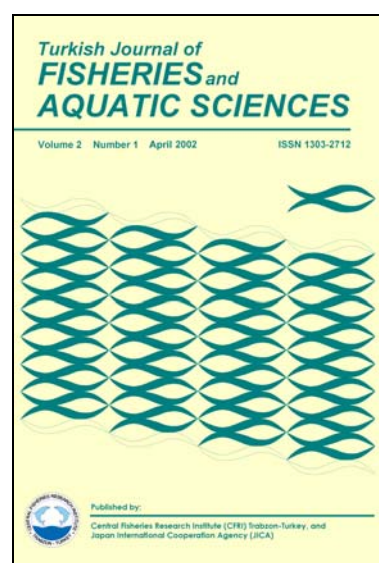
## Aquaculture Workshop is a Big Success



A Workshop on Aquaculture in Turkey was organized jointly by CFRI and JICA and held in Trabzon on 7-9 November 2001. CFRI researchers, government officers from MARA, representatives of JICA, invited scientists from Russia and France, university faculty and students, and members of the private sector came together to exchange knowledge and discuss the existing problems in fisheries and aquaculture, especially with regards to turbot, sea bass, sea bream, and trout. Opening speeches were given by Mr. Adil YAZAR, governor of the province; Mr. Yılmaz BEKİROĞLU, Director of CFRI; and Ms. Yukari SAITO, representative of JICA.

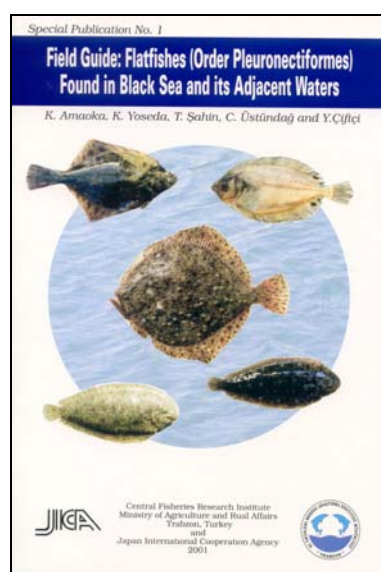
## CFRI Publishes Scientific Journal

The *Turkish Journal of Fisheries and Aquatic Sciences* is the official refereed journal of the CFRI Trabzon. It includes original research papers in fisheries, aquaculture, and the aquatic sciences. It is published periodically in English biannually in April and November; the first volume came out in November 2001.



## Field Guide to Flatfishes has been Published

A *Field Guide: Flatfishes (Order Pleuronectiformes) Found in Black Sea and its Adjacent Waters* has been published in 2001 by CFRI and JICA to help researchers, fishers, and aquaculturists identify the flatfish species found in the Black Sea and adjacent waters. The field guide leaflet was prepared by Prof. Dr. Kunio Amaoka and Turkish counterparts under the Fish Culture Development Project in the Black Sea. The field guide identifies twelve flatfish species, including turbot, scale fish, and flounder, and provides brief descriptions, diagnostic characters, and color photographs. Data for the field guide were collected from studies done in the Aegean Sea, Marmara Sea, and Black Sea from March 1998 to March 1999.

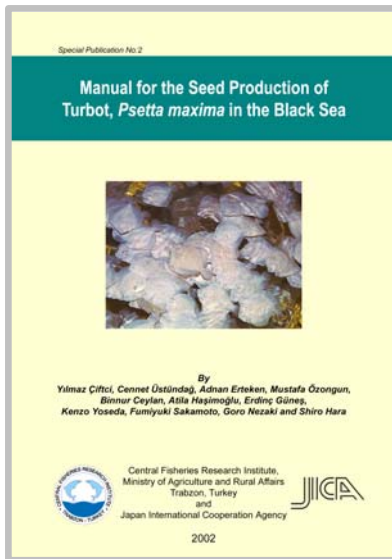


## Manual for Turbot Culture was Published

A technical manual for turbot culture was published in Turkish and English by CFRI and JICA under the Fish Culture Development Project in the Black Sea in 2002. This manual provides information and practical know-how for successful aquaculture of turbot from seed production, to natural food propagation and feed formulation, to development to broodstock. Prof. Dr. Atsushi Ohno, JICA short-term expert from Tokyo University of Fisheries, worked at CFRI on 19-28 December 2001 to start the preparation of the manual.



One major output of the Fish Culture Development Project in the Black Sea is the *Manual for the Seed Production of Turbot Psetta maxima in the Black Sea* that describes the methods of Kalkan seed production. English and Turkish versions of the manual are available. Both version came out in 2002.



## IFREMER's Lacroix Visits CFRI

Mr. Denis Lacroix, head of the Laboratory of Mediterranean Marine Finfish Aquaculture of the French Research Institute for the Exploration of the Sea (IFREMER) visited CFRI on 8-9 July 2002. Mr. Lacroix was briefed about the CFRI organization and the progress of the project. The possibility of cooperation between CFRI and IFREMER was also discussed.



## CFRI Celebrates Project Success

The five years of the Fish Culture Development Project in the Black Sea was celebrated with a cocktail party on 28 March 2002 in Zorlu Grand Hotel in Trabzon. CFRI personnel and representatives of the private sector who worked with the project attended the party. The project personnel were given certificates of recognition and everybody enjoyed the success of the project.



## **Fish Diseases Laboratory is Now Open**

The Fish Diseases Laboratory has been established at CFRI with the help of JICA for the diagnosis of diseases caused by bacteria, parasites, and fungi. This laboratory services the research needs at CFRI and also the extension needs of the private sector. The laboratory opened in 2000).



## **Training on Gas Chromatography for CFRI Researchers**

The technical staff of CFRI and some participants from Karadeniz Technical University attended the in-service training seminar on "Using Gas Chromatography for Pesticide Analysis" held on 17-20 May 2002. Prof. Dr. Ahmet YAŞAR and Prof. Dr. Ziya KILIÇ, faculty members of Gazi University gave practical lessons on atomic absorption chromatography and gas liquid chromatography and the evaluation of the results obtained.

## **Seminar on Artificial Diet Conducted**

JICA short-term expert Prof. Dr. Shunsuke Koshio of Kagoshima University came to CFRI to conduct a series of studies. Dr. Koshio gave a seminar on 4-5 March 2002 on artificial diets for fish and he shared his knowledge of the methods and specifications of production of microparticle diets. He also presented the results of his study on the protein and vitamin C requirements of yellow tail, a important species in aquaculture in Japan.



## **CFRI Joins AGROTEC**

The International Fair of Agriculture and Agricultural Technologies or AGROTEC was held on 5-8 September 2002. At the Fair, CFRI informed the visiting public about its research and extension work and showed them several fish species

## **Seminars Conducted in October 2002**

| <b>Date</b> | <b>Title</b>                                   | <b>Speaker and Affiliation</b>                                |
|-------------|--|---|
| 8 Oct       | Organic Aquaculture                            | Dr. Mehmet ULUPINAR<br>MARA-GDAR                              |
| 8-10 Oct    | Genetics and Rehabilitation of Fish            | Assoc. Prof. İbrahim OKUMUŞ<br>KTÜ Faculty of Marine Sciences |
| 16-18 Oct   | Reproduction and Fecundity of Fish             | Assoc. Prof. İbrahim OKUMUŞ                                   |
| 21-23 Oct   | Analytic Methods of Calculation of Fish Stocks | Prof.Dr. Ertuğ DÜZGÜNEŞ ,KTÜ Faculty of Marine Sciences       |