

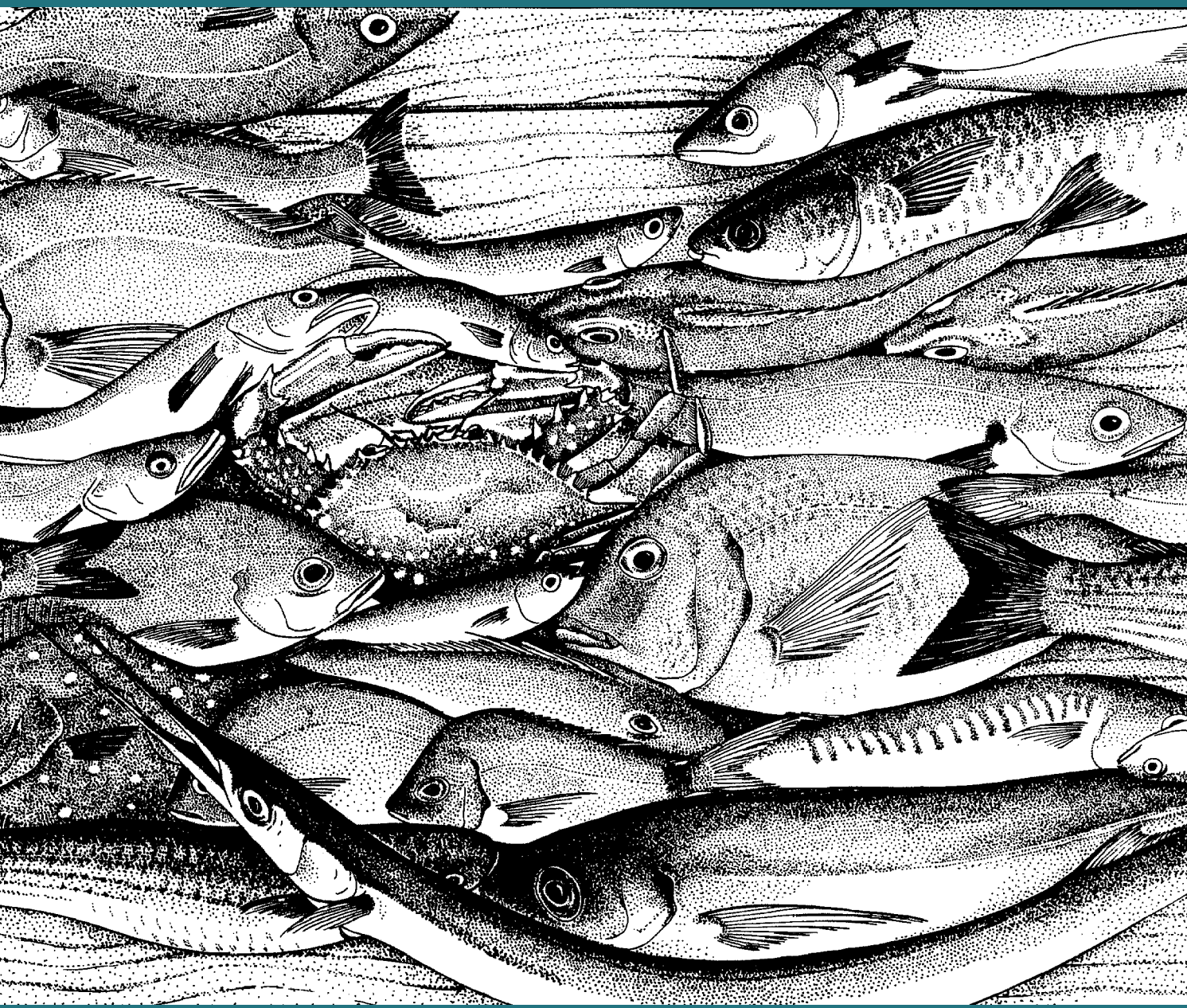


FAO SPECIES IDENTIFICATION SHEETS FOR FISHERY PURPOSES

PROJECT UNDP/FAO PAK/77/033

# FIELD GUIDE

## COMMERCIAL MARINE AND BRACKISH WATER SPECIES OF PAKISTAN



FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

**FAO SPECIES IDENTIFICATION SHEETS  
FOR FISHERY PURPOSES**

**FIELD GUIDE TO THE COMMERCIAL MARINE AND BRACKISH-WATER SPECIES OF PAKISTAN**

by

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## PREPARATION OF DOCUMENT

This document was prepared under the UNDP/FAO Marine Fisheries Development Project (PAK/77/033), in collaboration with the FAO Regular Programme.

The author travelled to Pakistan in November 1984 for the purpose of assessing, at landing places and in markets, present constraints in local routine work involving identification and denomination of commercial marine and brackish-water species, and to examine, in collaboration with national counterpart personnel, the species composition of catches at selected places, for the purpose of collecting data and information by species to be used for the preparation of this field guide. Additional information, especially on local denominations, was provided by Dr B.C. Russell, who travelled to Pakistan in September/October 1985.

The basic reference used during the mission was the recently published set of FAO Species Identification Sheets for Fishery Purposes - Western Indian Ocean (Fishing Area 51) which proved to be invaluable for this purpose. However, this document is somewhat cumbersome to use for the average data collector since it includes many species not landed in Pakistan. It also does not provide local species denominations used within the country.

The preparation of the actual field guide was carried out by using illustrations and taxonomic data from the above-mentioned set of Identification Sheets, as well as the notes and local species names collected during the field mission. The final document was prepared under the FAO Species Identification Programme, and the printing was funded by the FAO Regular Programme.

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### **Summary**

This field guide includes the marine and brackish-water species of bony fishes, sharks, batoid fishes, lobsters, shrimps, crabs and cephalopods believed to be of interest to fisheries in Pakistan. Each major resources group is introduced by a general section on technical terms, followed by an annotated and illustrated list of the more important species which includes FAO names, local names commonly used (Sindhi, Baluchi and English), maximum size, habitat, fishing gear and interest to fisheries. A composite index of scientific and vernacular family and species names is also provided.