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FISHERIES OF THE ARABIAN SUB-CONTINENT
A BIBLIOGRAPHIC STUDY
1809-1983

by

Dr. Mohammad Ata-Ur-Rahim
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PREFACE

The Arabian peninsula is a desert land covered by shifting sands with high barren and dry plateaux. This peninsula is divided politically into several states: Oman, Saudi Arabia, Kuwait, Qatar, United Arab Emirates, Yemen Arab Republic, People's Democratic Republic of Yemen and Bahrain. Rainfall is less than five inches per year, consisting on average of one monsoon in the winter and two in the summer. Inland water resources are extremely poor. Underdeveloped countries in general, and those situated in the arid zone in particular, have been relying more and more on marine resources for protein requirements, as fish is a rich source of protein. The agriculture departments of the countries of the Arabian sub-continent have been undergoing rapid expansion and improvement, yet their coastlines still remain virtually unexplored. In order to utilize fishery resources scientifically and achieve fruitful results, systematic studies of the region's aquatic resources are essential.

The compilation of this bibliography was initiated during the course of the third Saudi Biological Conference held at the King Faisal University, Al-Hasa in January, 1979, by the participants of the First Saudi Fishery Symposium organized by the Saudi Biological Society and chaired by the author. Other bibliographies have been published which contain some references on fisheries related to the Arabian sub-continent; see for example Fisheries of the Near East (FAO, 1966); The Persian/Arabian Gulf (Paldi, 1968); Selected bibliography on Kuwait and the Arabian Gulf States (Kabec, Kuwait University, 1969); Source book on Arabian Gulf States (Kabec, Kuwait University, 1975); Biology of the Arabian Peninsula (Rahim, MA, Riyadh, 1979; Saudi Biological Society, Pub.no.3); A bibliography of the Oceanography of the Arabian Gulf 1839-1978 (De Sylva, D.P, Miami University, 1979) and Marine environment of the Arabian-Gulf and the Gulf of Oman (Farmer and Docksey, 1983). Until the present time no authoritative classified bibliographical listing of publications exclusively on the fisheries of the Arabian sub-continent has been available. It is for this reason the author thought that there was room for such a work as this. Articles touching various fields of fishery sciences relating to the sub-continent in question are widely scattered throughout the vast literature of zoology, biology, natural history, oceanography, limnology and general scientific publications. References have been collected from original sources, abstracts, periodicals, bibliographies and pamphlets available in the various libraries of Liverpool, Manchester and London. To make this listing more homogeneous and compact, references on fish, shrimps and pearl oysters are included. For further information on shellfish, and crabs, refer to the Biology of the Arabian Peninsula, compiled by the same author and published by the Saudi Biological Society in 1979, and Bibliography of the Marine and Maritime Environment of the Arabian Gulf and Gulf of Oman by A.S.D. Farmer and J.E. Docksey (1983).

A total of 471 citations on the fisheries of the Arabian Peninsula has been documented. The purpose of this list is to facilitate research work on Arabian fisheries by both local and foreign workers who would like to seek detailed and systematic information on work already done. No claim for completeness is made since it would be impossible for any one individual to cover all the literature on a given subject. Despite the hundreds of manhours expended on this endeavour, inevitably some important works may have been overlooked. Apologies for any such oversights are, therefore, extended in advance to the users of this volume. At the same time it would be appreciated if readers would bring any omissions and inaccuracies to the author's notice, so that they can be rectified and incorporated in any future edition. Bibliographical coverage includes works in the major European languages, with the majority being in English. Latin names and spellings of proper nouns as found in the published works have been retained.

Each entry in this list gives the following information: Author's surname, initials, year of publication, full title, name of the journal, or book, volume number and the page numbers. At the end of the volume there is an alphabetical subject index.
ACKNOWLEDGEMENTS

I wish to express my sincere gratitude to Mr. W.E. Wilkes and Miss Janet E. Milne, Harold Cohen Library of Liverpool University, for providing relevant material. Thanks are due to Dr. P. Vine, Mr. A.R.G. Price, Dr. D. Herdson and Dr. J.P. Mandaville for sending me relevant references, and to Prof. A.J. Cain, Prof. C.J. Duncan, and the late Dr. P.G. Smith, for their help in various forms. I wish to thank Dr. D.R. Rothwell for her kindness, help and support throughout the preparation of this work. My warm acknowledgement is due to Dr. Abdul Aziz Hamid Abu-Zinada, President of the Saudi Biological Society for his keen interest and for providing the facilities to enable this work to be prepared.
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