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**BIOLOGICAL AND ECOLOGICAL STUDIES
ON SOME SPARID FISHES FROM
SOUTHERN SINAI COASTS (RED SEA)**

By

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Thesis

**Submitted for award of the degree of
DOCTOR OF PHILOSOPHY**

**Marine Science Department
Faculty of Science
Suez Canal University**

1999

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Title of thesis:

BIOLOGICAL AND ECOLOGICAL STUDIES ON SOME SPARID FISHES
FROM SOUTHERN SINAI COASTS (RED SEA)

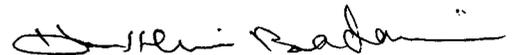
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**BIOLOGICAL AND ECOLOGICAL STUDIES ON SOME SPARID
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ABSTRACT

Fishes of family Sparidae comprise 4 subfamilies, 22 genera and about 41 species usually inhabit tropical and temperate coastal waters. However, there is still much to be learned about the general biology and ecology of the sparid fishes. The present study was carried out on some aspect of biology and ecology of *Rhabdosargus sarba*, *Rhabdosargus haffara* and *Diplodus noct* from the southern Sinai coasts, gulf of Suez, Red Sea.

The present work includes fishing area description, fishing gears, catch and catch effort, length-weight relationship and conditions factor, age and growth, food and feeding habits and reproductive biology.

Applications

The three species under investigation are characterized by a high price recreational species so, these species could be of high potential in aquaculture in South Sinai. The present study also throw a shadow on the fisheries management.

S. I. Kamel

ACKNOWLEDGEMENTS

Firstly and lastly thanks to Allah

My deep gratitude and sincere appreciation to Prof. Dr. Said A. Kamel, Professor of Fish Biology and Fisheries, National Institute of Oceanography and Fisheries (NIOF) for supervision, valuable suggestions, supporting, guidance of this work, critical revision of the manuscript and profitable discussion throughout the carrying out of this work.

I am deeply grateful to Prof. Dr. Hussin K. Badawi, Professor of Oceanography, National Institute of Oceanography and Fisheries (NIOF) for his kind supervision, patience, encouragement and his great help and revision of the manuscript.

I like to express my warmest gratitude and appreciation to Dr. Mohammed S. Farghaly, Assistant Professor of marine Ecology, Marine Science Department, Faculty of Science, Suez Canal University, for his valuable advice, revision and continuous encouragement during this work.

Special thanks are due to Prof. Dr. Salah G. El-Etreby, Prof. of Fish Biology and Fisheries, Head of Marine Science Department, Faculty of Science, Suez Canal University, for his valuable supporting and facilities provided throughout the different stages of the work.

Many thanks are due to Dr. Ali A. Gab-Alla and Prof. Dr. Saad Z. Mohammed for their reading of the manuscript, and Dr. Azza A. El-Ganainy for her help during the analysis of data.

Finally I wish to express my sincere gratitude to all staff members of Marine Science Department, Faculty of Science, Suez Canal University especially Mr. Mohsen M. El-Sherbiny, Maher Abdel El-Aziz and Tarek A. Temraz for their unfailing help, encouragement and support during the different stages of the manuscript.

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