بسم الله الرحمن الرحيم

شبكة المعلومـــــات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

﴿ قـــسـم ﴾

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون آية تغيرات

يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %

بعض الوثائق الأصلية تالفة

بالرسالة صفحات

لم ترد بالأصـــل

STUDIES ON EXPERIMENTAL TREMATODE INFECTION IN FISH

THESIS

Submitted for the Degree of Doctor of Philosophy

in Zoology Invertebrates (Parasitology)

PRESENTED by

Nemaat Mohamed Ahmed El-Quesny

M. Sc. 1986

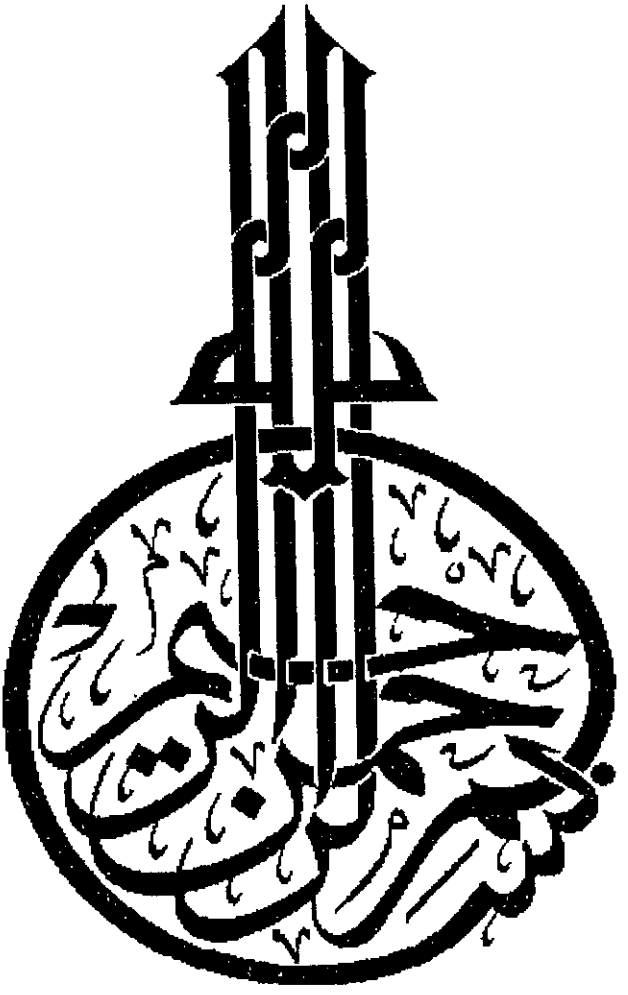
SUPERVISORS

Prof.Dr. Hussein El-Sheikh
Prof.of Parasitology
Faculty of Science
Tanta University

Dr. Amal Iskander Abd El-Malek
Ass. Prof.of Parasitology
Faculty of Science
Tanta University

Zoology Department
Faculty of Science
Tanta University

1999



TO MY MOTHER

Curriculum Vitae

Name	:	Nemaat Mohamed Ahmed El-Quesny.
Date of Birth	:	14 – 1 – 1954
Locality	:	Tanta, Al-Gharbia Governorate, Egypt.
Nationality	:	Egyptian.
Primary School	:	El-Azher School.
Preparatory School	:	Tanta Preparatory School.
Secondary School	:	Tanta Secondary School.
University	:	University of Tanta, Tanta, Egypt.
Present Address	:	Tanta Alexandria Street, No.9.
Qualification	:	Tanta University. B. Sc. Faculty of Science, Tanta, Egypt. M.Sc.in Zoology, 1986 on "The influence of dietary protein and energy levels on some physiological and biochemical processes of *Biomphalaria alexandrina* in Egypt.
Publications	:	El-Sheikh, H.; Mohamed, A.M.; El-Quesny 1989 "Effect of different dietary proteins and energy on some *Biomphalaria alexandrina*. J. Fac. Sci. Monofia Univ. 3 : 149 - 165.

ACKNOWLEDGEMENTS

I am greatly indebted and profoundly greatful to Prof. Dr. Hussein El-Sheikh Prof. of Parasitology, Faculty of Science, Tanta University, for his valuable help and guidance during the course of this work and for revising the manuscript of the thesis. It is my pleasure to record my thankfulness to Dr. Amal Iskander Abd El-Malek Khalil Assistant Professor of Parasitology, Department of Zoology, Faculty of Science, University of Tanta, for suggesting the reach proposal, valuable advice, offering much useful criticism and comments during the practical work and for reading the manuscript.

I would like to express deep appreciation to Prof. Dr. Bayoumi M. Bayoumi, Head of the Department of Zoolgy, Faculty of Science, University of Tanta, for his valuable advice and encouragement throughout this work .

Finally, I will never forget the kind support and the continuous encouragement of my family during my whole scientific journey, for without their assistance this text could not have been written.

SUPERVISORS

1- Prof. Dr. Hussein El-Sheikh.

Prof. of Parasitology.

Faculty of Science, Tanta University.

2- Dr. Amal Iskander Abd El-Malek Khalil.

Assistant Prof. of Parasitology

Faculty of Science, Tanta University.

TABLE OF CONTENTS

CONTENTS