



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



شبكة المعلومات الجامعية
@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of
15-25- c and relative humidity 20-40%

بعض الوثائق الأصلية تالفة

بالرسالة صفحات لم ترد بالاصل

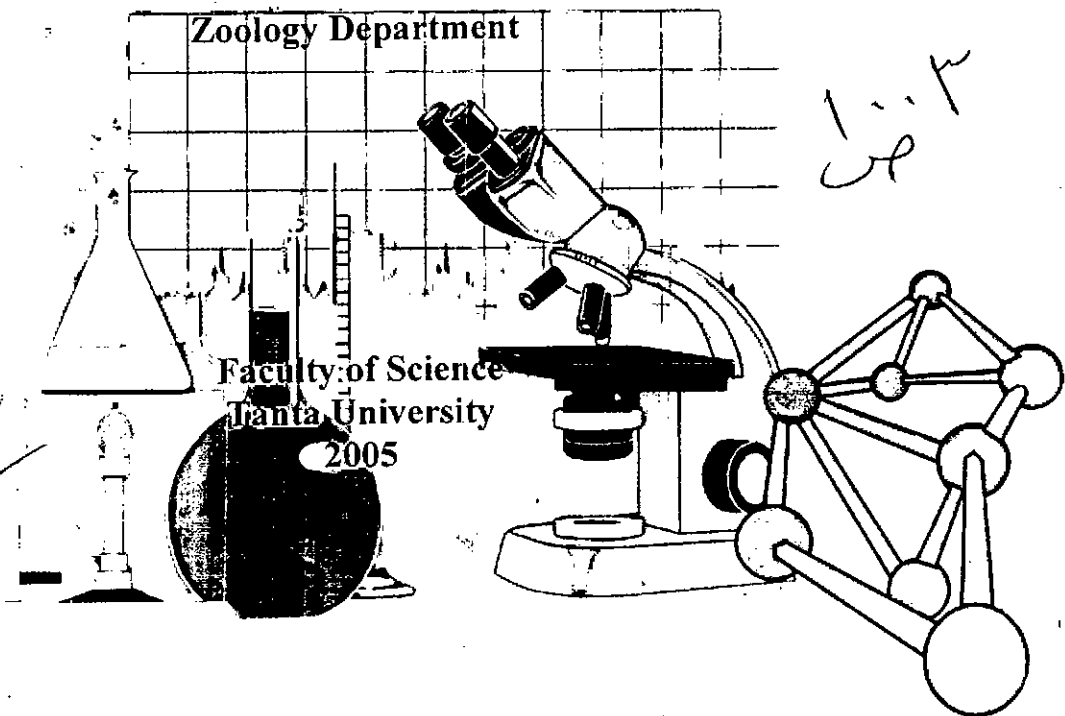
Physiological, Histochemical and Immunological Studies on the Endocrine glands of common (Microchiroptera) Found in Egypt

Thesis
Submitted for awarding the
Ph.D. Degree of Science
(Zoology-Physiology of Endocrine glands)

Presented by
Nemat Mahmoud Emara

Zoology Department

Faculty of Science
Tanta University
2005



Supervisors

Prof. Dr. Merveet Anwar Ahmed Mansour

Professor of Physiology,
Tanta University Faculty of Science,
Zoology Department

Prof. Dr. Gamal Abd El-Raouf Madkour

Professor of Comparative Anatomy of Vertebrates,
Tanta University, Faculty of Science,
Zoology Department

Prof. Dr. Atteyat Mohmed Ali Selim

Assistant Professor of Vertebrates,
Tanta University, Faculty of Science,
Zoology Department

Dr. Randa Ezz El-Dein El-Naggar

Lecturer of Immunology.
Tanta University, Faculty of Science,
Zoology Department

Head of Zoology Department

Prof. Dr. M.A.M. Hegazi

Foreword

To My **Family**, who has taught me how to think and respond scientifically with due respect to others.

To **Mr. Mahmoud Abo El- Amaim**, my husband, who has saved the necessary time and efforts to secure peace and quietude needed to do my job.

To My Children, **Mohamed, Usama, Reham and Ahmed** whose smiles and angelic naughtiness have always inspired me.

To them I do, humbly, offer this thesis.

Curriculum Vitae

Name : Nemat Mahmoud Emara.

Locality : Cairo, Egypt.

Nationality : Egyptian.

Religion : Moslem.

Qualification : B.Sc., Faculty of Science,
Sana'a University (1984).

Attended and passed successfully the Postgraduate
courses in partial fulfillment for the requirements
of the Masters Degree in Science (Parasitology).

Experience : 3 years in clinical laboratory field.

٥٠٤٤٦

Head of Zoology Department

Prof. Dr. M.A.M. Hegazi

Acknowledgment

Firstly, my sincere thanks go to the Almighty God, without whom this study would not have been started or completed.

First of all, I would like to express my deepest appreciation to Prof. Dr. **Merveet A. Mansour**, Professor of Physiology For her direct supervision, her sharing in suggestion and planning the present work, her encore agreement and continuous support and also for final revision of this manuscript.

I'm also greatly indebted with great appreciation to Prof. Dr. **Gamal Abd El-Raouf Madkour**, Professor of Comparative Anatomy for his share in planning the work, his continuous and valuable instructions, beneficial advice, helpful directions and close supervision. Also, I'd like to extend my deepest thanks to him for his critical reading of the manuscript.

I'm also greatly indebted with great appreciation to Prof. Dr. **Atteyat Mohamed Ali Selim**, Assistant Prof. of Vertabrate Zoology, for her positive presence in encouraging me to produce such a modest work.

My over lasting thanks to Dr. **Randa Ezz El-Dein El- Naggat** Lecturer of Immunology, for suggesting and planning the point of research, her kind care and her valuable help.

I wish to extend my abundant thanks to all members of the staff of Zoology Department, Faculty of Science, Tanta University, particularly Prof. Dr. **Mohamed Abdel-Moneim Hegazi** head of Zoology Department for his co-operation and great facilities.

Finally, my sincere tanks to Prof. Dr. **Waeil Youssef Attia** Associate Professors of Immunology, Faculty of Science, Tanta University, for his kind helps.

