

بسم الله الرحمن الرحيم



HOSSAM MAGHRABY



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
على هذه الأقراص المدمجة قد أعدت دون أية تغيرات



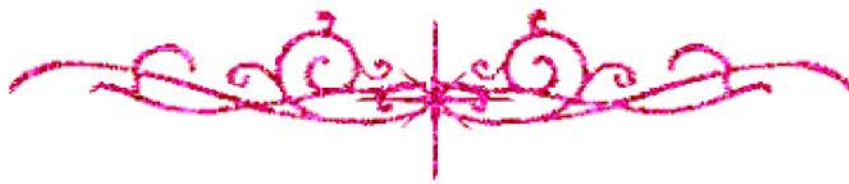
يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات

لم ترد بالأصل



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HOST INDUCED VARIATIONS IN *Prohemistomum vivax* (TREMATODA)

BI2VAV

Thesis

*Submitted For M. Sc. Degree of
Physiology in Zoology*

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بسم الله الرحمن الرحيم

رَبِّهِ انْشَرْحْ لَهُ صَدْرُهُ
وَيَسِّرْ لَهُ أَمْرَهُ

صدق الله العظيم

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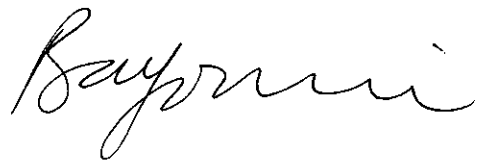
A handwritten signature in cursive script, appearing to read 'Bayomi'.

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INTRODUCTION

Introduction

Most of trematodes , distributed among domestic and stray animals , are contributed to many zoonotic diseases and constitute potential public health problems .

It was worth enough to encourage the research workers to carry out their experiments to reach the proper measures for their control .

Fish play an important role in the food supply in Egypt . Thus it could act as a great hazard for public health as a second intermediate host . For example fresh water fish *Clarias lezera* which act as a second intermediate host for *Prohemistomum vivax* which is one of common trematodes (Sonsino , 1892). Piscivorous mammals and birds act as the final hosts.

The identification of *Prohemistomum vivax* has been a subject to many controversial reports . So the present study is under taken in an attempt to solve some of the controversial discussion as regards the identification and the variability of the morphological characters used in the indentification of this parasite by detecting the host induced morphological variation .

Additionally host parasite relationship , including immunololgical response, also taken into consideration .

HISTORICAL REVIEW