سامية محمد مصطفى



شبكة المعلومات الحامعية

بسم الله الرحمن الرحيم



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سامية محمد مصطفي



شبكة العلومات الحامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





سامية محمد مصطفى

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسو

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



يجب أن

تحفظ هذه الأقراص المدمجة يعيدا عن الغيار



سامية محمد مصطفي



شبكة المعلومات الجامعية



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سامية محمد مصطفى

شبكة المعلومات الحامعية



بالرسالة صفحات لم ترد بالأصل



BACTERIOLOGICAL STUDIES ON WADI EL-RAIYAN LAKE, FAYOUM, EGYPT

Submitted by SALEH AHMED RABIH

Demonstrator in the National Institute of Oceanography and Fisheries

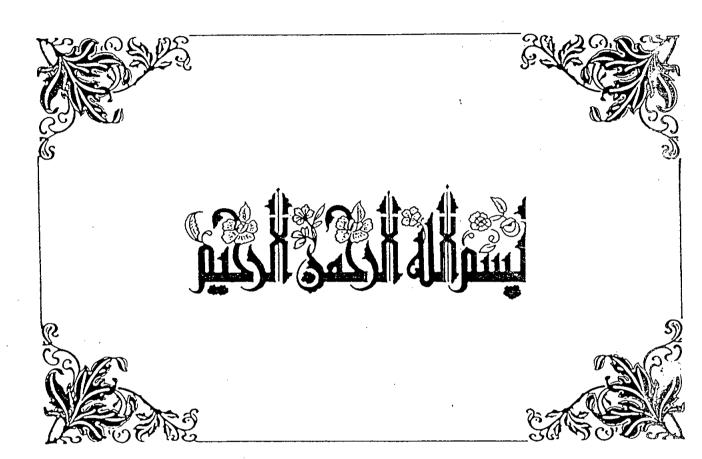
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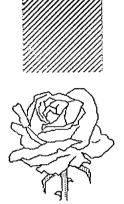
Submitted in Partial Fulfilment for the Award of the Degree of Master of Science

BOTANY DEPARTMENT FACULTY OF SCIENCE TANTA UNIVERSITY

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Byracv





TO MY FAMILY

CURRICULUM VITA

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To Whom It May Concern

This is to certify that Mr. Saleh Ahmed Rabih has attended and passed successfully the following post-graduate courses in partial fulfilment of the requirements for the degree of Master of Science, (Microbiology) Botany Department, Faculty of Science, Tanta University during the academic year 1989/1990. The courses cover the following topics:

- 1. Phycology, Physiology of Algae and Physiology of Fungi.
- Biochemistry, Fermentation Chemistry, and Immunological Reactions.
- 3. Plant Pathology, Virology and Special Fungi.
- 4. General and Applied Bacteriology, Uses of Microorganisms in Preparation of Leathers, Methods and Instruments used in Microbiology and Applied Microbiology.
- 5. Biostatistics.
- 6. German language.

This certificate is issued at his own request.

Head of Botany Department
Dr. J. M. Abu El. Sound

Prof. Dr. S.M. Abou El-Souod

12.10.1993

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This Thesis is the original work of the writer and has not been previously submitted for any Degree at this or any other University.

The references list (and literature review) show how far I availed myself of other peoples'work.

Saleh Ahmed Rabih

ACRONYMS AND ABBREVIATIONS

APHA American Public Health Association

DHSS The Department of Health and Social Security

AWWA American Water Work Association

FWPCF Federal Water Pollution Control Administration

HMSO Health Medical Stationary Office

DO Dissolved Oxygen

BOD Biological Oxygen Demand

MPN Most Probable number

MF Membrane filter

SPCA Standard plate count agar

TBCs Total Bacterial Counts

TC Total Coliform

FC Faecal Coliform

FS Faecal Streptococci

ph. ph. Phenolphethalein indicator.

M.O. Methyl Orange indicator

EDTA Ethylene Diamine Tetra-acetic acid

W/V Weight per volume

W/W Weight per weight

g Gram

mg Milligram

 μ g Microgram

nm Nanometer

l Litre

ml Milliter

 ϕ Diameter

°C Degree centigrade

hr Hour

min Minute