



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية
@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

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



Faculty of Science
Botany Department



PHYTOSOCIOLOGICAL AND FLORISTIC STUDIES ON SALLUM AREA, EGYPT.

A THESIS

Submitted for the Degree of Ph.D
In Botany (Plant Ecology)

Presented
By

Khadija Ali Mustafa Baayo

B.Sc. and M.Sc. (Botany)

(Naser University – Faculty of Science, Misurata– Libyan Jamahiriya)

Supervised By

Prof. Dr. Fawzy M. Salama

Professor of plant ecology and Head of Botany Department

Faculty of Science, Assiut University.

Prof. Dr. Monier M. Abd El-Ghani

Professor of taxonomy and flora

Faculty of Science, Cairo University

Prof. Dr. Salah M. El Naggar

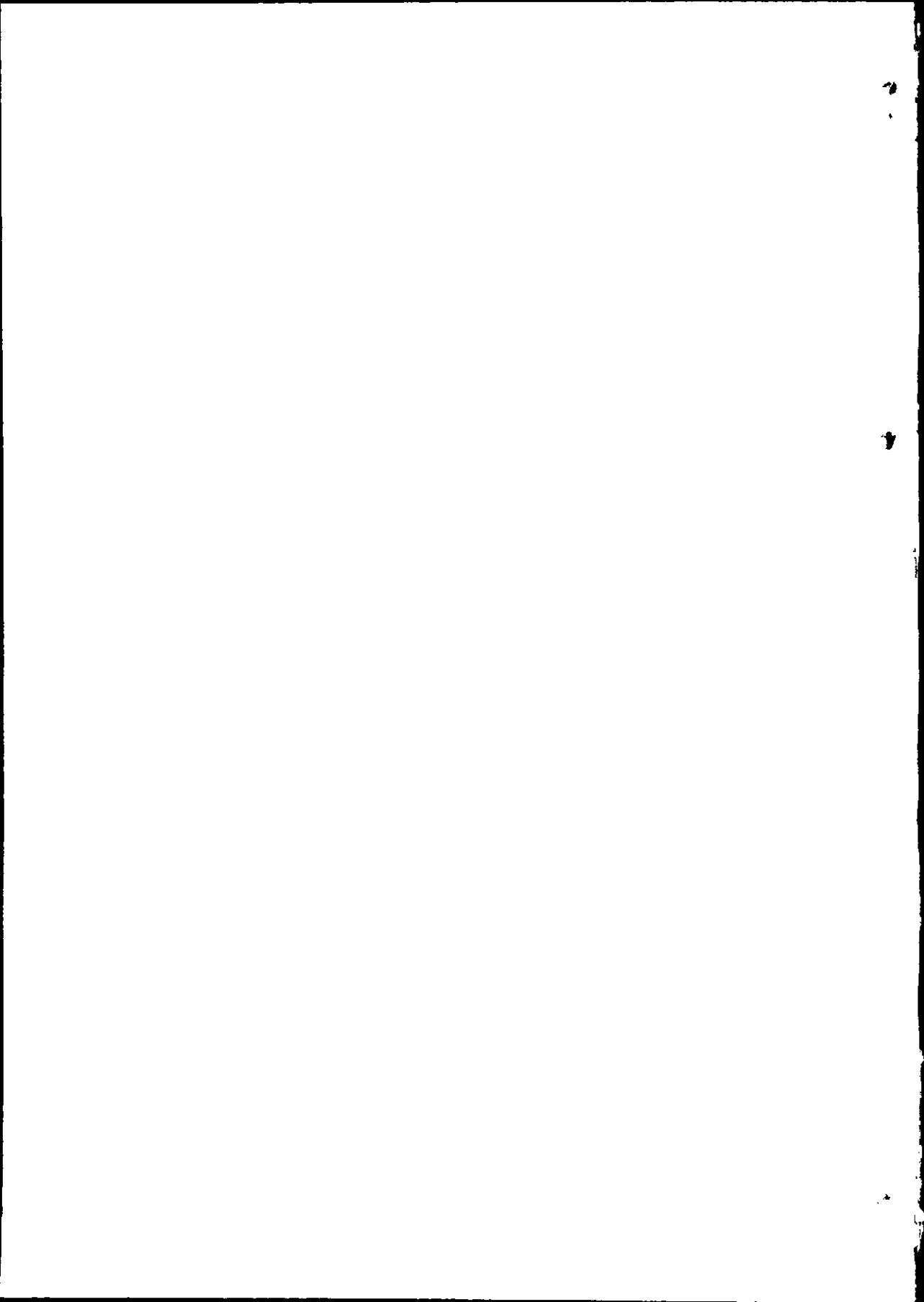
Professor of taxonomy and flora

Faculty of Science, Assiut University

Handwritten signature 'a o e'.

**Botany Department - Faculty of Science
Assiut University - Assiut, Egypt**



2005



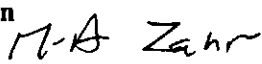


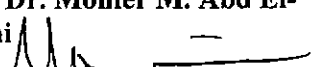
APPROVAL SHEET

Name: **Khadija Ali Mustafa Baayo**
Thesis Title: **PHYTOSOCIOLOGICAL AND FLORISTIC STUDIES ON SALLUM AREA, EGYPT**
Degree: **Ph. D. degree in Botany (Plant Ecology)**

Supervisors

Prof. Dr. Fawzy M. Salama 	Professor of Plant Ecology, and Head of Botany Department, Faculty of Science, Assiut University.
Prof. Dr. Monier M. Abd El-Ghani	Professor of Taxonomy and flora Botany Department, Faculty of Science Cairo University
Prof. Dr. Salah M. El Naggar 	Professor of Taxonomy and flora Botany Department Faculty of Science Assiut University

Examination Committee

- | | |
|--|--|
| 1- Prof. Dr. Mahmoud Abdel-Kawy Zahran
 | Emeritus Professor of Plant Ecology,
Botany Department, Faculty of Science,
Mansoura University |
| 2- Prof. Dr Rafeek El-Ghareeb
 | Professor of Plant Ecology,
Botany Department, Faculty of Science,
Alexandria University |
| 3- Prof. Dr. Fawzy M. Salama
 | Professor of Plant Ecology, and Head of
Botany Department, Faculty of Science,
Assiut University |
| 4- Prof. Dr. Monier M. Abd El-Ghani
 | Professor of Taxonomy and flora
Botany Department Faculty of Science,
Cairo University |

Prof. Dr. Hasan. M. El-Hawary



Vice-Dean for Graduate Studies and Research

**HIS THESIS HAS NOT BEEN PREVIOUSLY
SUBMITTED FOR DEGREE AT THIS OR
ANY OTHER UNIVERSITY**



ACKNOWLEDGEMENTS

ACKNOWLEDGEMENTS

"I am grateful to Allah Almighty for his help".

I would like to express my sincere appreciation and everlasting thanks to Professor Dr. Fawzy Mahmoud Salama, Professor of Plant Ecology and Head of Botany Department, Faculty of Science, Assiut University for suggestions the point of research, continuous supervision, helpful criticism and fruitful discussion.

I would like to express my deepest thanks to Professor Dr. Monier M. Abd El-Ghani Professor of Taxonomy and flora, Botany Department, Faculty of Science, Cairo University, for helpful and fruitful discussion, the benefit gained from his extensive knowledge throughout this work and his sharing suggesting and supervising this investigation.

I am deeply indebted to Professor. Dr. Salah M. El Naggar Professor of Taxonomy and flora, Botany Department, Faculty of Science, Assiut University, for sharing in suggesting and supervising of investigation.

My deepest thanks are due to Professor Dr. Mohamed I. Abdel-Kader, President of Assiut University for his help and facilities he offered for my work. My Thanks are also extended to Professor. Dr. M. M. Kamal, Dean of the Faculty of Science.

Faithful thanks and gratitude to all staff members and colleagues of the Botany Department, for their help and continuous encouragement during the progress of this work.

No words are enough to express my great thanks to my family. and to all who helped me.

Khadija Ali Baayo

