



STUDIES ON THE FOSSIL FLORA OF GEBEL QATRANI, FAYUM, EGYPT

A Dissertation
Submitted to the Faculty of Science
Ain Shams University

In Fulfillment
of the Requirements for the Degree of
Doctor of Philosophy

In

Botany – Paleobotany

By

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2015

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
"هَذَا مِنْ فَضْلِ رَبِّي لِيَبْلُوَنِي أَأَشْكُرُ أَمْ
أَكْفُرُ وَمَنْ شَكَرَ فَإِنَّمَا يَشْكُرُ لِنَفْسِهِ وَمَنْ كَفَرَ
فَإِنَّ رَبِّي غَنِيٌّ كَرِيمٌ" [النمل: 40]

تَأْمَلْ سَطُورَ الْكَائِنَاتِ فَإِنَّهَا
وَقَدْ خُطَّ فِيهَا لَوْ تَأَمَّلْتَ خَطَّهَا
تُشِيرُ بِإِبْتَاتِ الصِّفَاتِ لِرَبِّهَا
مِنْ الْمَلِكِ الْأَعْلَى إِلَيْكَ رَسَائِلُ
أَلَا كُلُّ شَيْءٍ مَا خَلَا اللَّهَ بَاطِلُ
فَصَامَتُهَا يَهْدِي وَمَنْ هُوَ قَائِلُ

رُكْنُ الدِّينِ بْنِ الْقَوَيْعِ

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This dissertation entitled:
Studies on the Fossil Flora of Gebel Qatrani, Fayum, Egypt.

Written by: Samar Nour-El-Deen Mahmoud Nour-El-Deen
has been approved for Doctor of Philosophy in Botany
(Paleobotany) Botany Department, Ain Shams University

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The final copy of this dissertation has been examined by the signatories and we find that both the content and the form meet acceptable presentation standards of scholarly work in the above mentioned discipline.

Prof. Maher Mohamed Shehata

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I hereby declare that the work contained in this thesis, now submitted for the degree of Doctor of Philosophy in Botany (Paleobotany) to Ain Shams University, is the result of my own investigations.

_____Candidate (Samar Nour-El-Deen)

_____Supervisor (Wagieh El-Saadawi)

_____Supervisor (Rifaat Osman)

I hereby certify that the work embodied in this dissertation has not already been accepted in substance for any degree, and is not currently being submitted for any other degree.

Samar Nour-El-Deen

To my late father and lovely mother

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