



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 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

B7E V V

PHYTOCHEMICAL STUDIES ON
***Lotus polyphyllus* Clarke.**

By

EMAD EL-DEIN MAHROUS ABO EL-NOR ATA
B.Sc. of Science, Zagazig University, 1990

A thesis submitted in partial fulfillment

of

the requirements for the degree of

MASTER OF SCIENCE

in

(Chemistry)

Chemistry Department
Faculty of Science,
Ain Shams University

1998

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

APPROVAL SHEET

Title of Thesis: Phytochemical Studies on *Lotus polyphyllus*, Clarke.

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ABSTRACT

Name : Emad El-Dien Mahrous Abo El-Nor Ata
Title : Phytochemical studies on *Lotus polyphyllus* Clark.
Degree : Master of Science in Chemistry
Submitted to: Chemistry Department. Faculty of Science,
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This investigation includes ecological, eco-physiological, phytochemical and biological studies on *Lotus polyphyllus* Clarke.

It aimed to clarify the range of environmental conditions within which the plant can grow and adapt itself to the main communities and the reflection of these environmental conditions on the chemical constituents of the plant, in addition to the previous study a preliminary biological study was done which aimed to clarify the pharmacognostical importance of the plant.

Key words : Flavonoids-Lotus, leguminosae.

