



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

Pharmacognostical study of certain plants belonging to *Family Sterculiaceae*

A thesis presented by

Mohammed Nabil Ahmed Khalil

For the degree of Master in Pharmaceutical Sciences (Pharmacognosy)

Under the supervision of

Professor Dr. Mohamed A. Selim

Professor of Pharmacognosy
Faculty of Pharmacy
Cairo University

375307

Professor Dr. Hesham I. El-Askary

Professor of Pharmacognosy
Faculty of Pharmacy
Cairo University

Dr. Ola A. Sanad

Lecturer of Pharmacognosy
Faculty of Pharmacy
Cairo University

Pharmacognosy Department
Faculty of Pharmacy
Cairo University

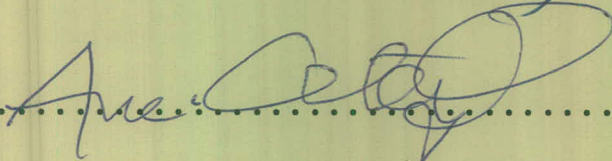
Egypt
2007

Approval Sheet

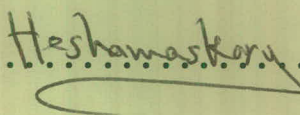
Pharmacognostical study of certain plants belonging to *Family* *Sterculiaceae*

This thesis is approved by:

.....Mohamed Y. Haggag.....

..........

.....M. A. Selim.....

..........

Acknowledgment

Thanks to GOD, the source of all knowledge by whose abundant grace this work has come to fruition.

With a lot of gratitude and appreciation, I wish to express my thanks to all those who helped in making this work possible.

I wish to express my appreciation and sincere gratitude to *Prof. Dr. Mohamed A. Selim*, Professor of Pharmacognosy, Faculty of Pharmacy, Cairo University, for his kind help, indispensable advice and encouragement from the beginning of this work.

I would like to express my deep everlasting gratitude to *Prof. Dr. Hesham El-Askary*, Professor of Pharmacognosy, Faculty of Pharmacy, Cairo University, for supervision, fruitful advice, constant valuable guidance, unlimited help, the great effort in revising the thesis and for his effort in the presentation of this work.

Thanks and appreciation for *Dr. Ola A. Sanad* lecturer of Pharmacognosy, Faculty of Pharmacy, Cairo University for her help in the beginning of the work.

I am profoundly grateful to *Prof. Dr. Amany Sleem*, Pharmacology Department, National Research Center, Dokki, Giza, Egypt, for performing the biological studies with great patience and sincere interest.

With a lot of gratitude and hearty appreciation, I would express my thanks to *Dr. Inas Hussein*, *Prof. Dr. Mariam Gonaïd* and *Dr. Farid Nosehy* Faculty of Pharmacy, Cairo University, for their kind and sincere help in accomplishing the botanical study especially *Dr. Inas Hussein* for her patience and sincere surveillance, and to *Dr. Dina Rafik* for revising that part.

Great appreciation to *Dr. Therese Labib*, Orman Botanical Garden, *Dr. Reem Samir Hamdy* lecturer of plant taxonomy, Faculty of Science, Cairo University, and *Dr. Mohammed El Gebbaaly* for their effort in supplying and identification of many plants during determination the subject of the study.

Great thanks and appreciation to *Dr. Dina Rafik, Dr. Amira Safwat, Nabil Abou El-Fotouh, Dr. Shahira, Dr. Ghada Fawzy, Dr. Hossam AbdAllah, Dr. Mohamed abdEl-Aaty, Rania Ahmed,* For their helpful advices and encouragement. Special thanks and appreciation to my colleague *Zahraa Wali* for her valuable advices, continuous support and encouragement.

I would like to express my gratitude to my brother *Ahmed* and Sister, *Fadwa* for their help in computer work and typing.

Words are not enough to express my hearty gratitude, sincere appreciation and great indebtedness to my father, mother, brother and sister for their great care, surveillance, affection, and love. They played a special role in my life. I owe them my life and success. May GOD make their life full of joy and happiness.

Mohammed Nabil Ahmed Khalil

.....*To whom I owe my success and Happiness,*

*My Father, Mother
Brother, Sister*



