



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

(B74.9)



**POPULATION DYNAMICS OF HOUSEFLY SPECIES
AFFECTED BY DIFFERENT ENVIRONMENTS
AROUND GREAT CAIRO**

By

AHMED ALI AHMED KHALLAF

B.Sc. in Agricultural Coordination Science,

High Institute for Agricultural Coordination, 1987

Thesis

Submitted in Partial Fulfilment

For the Degree of

MASTER OF SCIENCE

In

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Department of Biological and Natural Sciences

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1997

Institute of Environmental Studies and Researches
Ain Shams University

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AFFECTED BY DIFFERENT ENVIRONMENTS
AROUND GREAT CAIRO**

**A Thesis Submitted to
Institute of Environmental Studies and Researches
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For M.Sc. Degree
In
ENVIRONMENTAL SCIENCES
Department of Biological and Natural Sciences**

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**Population dynamics of housefly species affected by different
environments around Great Cairo**

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ABSTRACT

Ten different species of flies were identified during this study. Those species belong to nine different genera, namely, *Musca*, *Chrysomya*, *Sarcophaga*, *Lucilia*, *Hydrotaea*, *Fannia*, *Stomoxys*, *Muscina* and *Drosophila*.

It was obvious that 6th of October City had the highest density of flies, while 15th of May City had the lowest number, followed by 10th of Ramadan and Sadat Cities. The highest number of *Musca domestica vicina* was recorded in 6th of October City, while the lowest was in 15th of May City, followed by 10th of Ramadan and Sadat Cities. For *Musca sorbens*, the highest number was in 10th of Ramadan City followed by 15th of May, 6th of October and Sadat Cities, respectively. The results indicated that a significant difference was discovered depending on the studied locality.

Adult housefly was more susceptible to deltamethrin in all cities, whereas susceptibility was shown to fenthion and bioresmethrin in 6th of October and Sadat cities. Houseflies showed resistance to malathion, fenthion and bioresmethrin in the two cities of 15th of May and 10th of Ramadan. The adult houseflies from all the cities investigated showed resistance to malathion insecticide.

KEY WORDS : Houseflies, *Musca domestica*, Diptera, Insecticides.
Classification. Morphology

