

شبكة المعلومات الجامعية







شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

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بعض الوثائـــق الإصليــة تالفــة



بالرسالة صفحات لم ترد بالإصل

Cre Cre

Histopathological and cytogenetic effects of water pollution in some freshwater fish of Egypt

A THESIS

Submitted to Department of Zoology, Faculty of
Science,
Cairo University
In Partial Fulfillment of the Requirements for the
Degree of

Master of Science (Cytology, Histology and Genetics)

By

Hasnaa Mohamed Gomaa Mohamed

(B.Sc. in Zoology-Chemistry)

Department of Zoology
Faculty of Science
Cairo University
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Approval sheet

Title of the M.Sc. thesis:

Histopathological and cytogenetic effects of water pollution in some freshwater fish of Egypt

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TO WHOM IT MAY CONCERN

This is to certify that Ms. Hasnaa Mohamed Gomaa Mohamed has attended and passed successfully the following post graduate courses as a partial fulfillment of the requirements of the degree of Master of Science, Zoology (Cytology, Histology and Genetics, 2006).

1. Advanced cytology

2. Tissue culture.

3. Cancer biology.

4. Histology.

5. Pathology.

6. Electron microscope.

7. Radiobiology.

8. Genetics.

9. Molecular biology.

10.Embryology.

11. Biotechnology.

12.Cell biology

13. Histochemistry

14. Biostatistics.

15. Computer science.

16. German language.

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List of Abbreviations:

Ab

BOD

COD

Cu

DNA

EM

Fe

Fig

Ιg

m

MM

MMCS

Mn

N

Pb

PCT

RER

TDS

Zn

Antibody

Biological oxygen demand

Chemical oxygen demand

Cupper

Deoxyribonucleic Acid

Electron microscope

Iron

Figure

Immunoglobulin

mitochondria

Melanomacrophage

Melanomacrophage centres

Manganese

Neucleus

Lead

Proximal Convoluted Tubule

Rough Endoplasmic Reticulum

Total dissolved salts

Zinc