



Curriculum vita (CV)

Family Name : Shairra

Given Name: Souad

Complete Name :Souad A. Shairra

Sex : Female

Country: Egypt

Citizenship: Egypt

Nationality: Egyptian

Date of Birth: 15/11/1963

Address : Dream Land Resort - Town House - Villa No.26 - 6 October City - Giza Governorate - Egypt.

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Personality state: Married and I have two sons

Education and Qualifications:

PhD - Cairo University, Collage of Science, Entomology Department, Especially on Biological Control, 2007.

Title: Effects of entomopathogenic nematode and some pharmaceutical inhibitors of eicosanoid biosynthesis on the desert locust *Schistocerca gregaria* (Forsk.).

The thesis is accepted by Dr.Larry Duncan, University of Florida and Dr.S.N.Thompson, University of California.(2007)

M.Sc. - Cairo University, Collage of Science, Entomology Department, especially on Biological Control, 2000.

Title: Studies on the effects of some entomopathogenic nematode isolates on different host species.

The thesis is accepted by Dr.S.N. Thompson, University of California.

- Bachelors of Science, Cairo University, Collage of Science, Entomology Department, 1990.

Career:

- 1 - Bachelor of Science in temporary since 1992 until 24/9/2002 Department of biological control research.
- 2 - Research Assistant on 24/9/2002 the decision No. 5852 of 2002, Department of biological control research.
- 3 - Researcher on 30/6/2007 the decision No. 3065 of 2007, Department of biological control research.
- 4 - Assistant Professor (Senior Researcher) on 9/8/2012 the decision No. 4341 for the year 2012, the Department of biological control research.

\*International UNICCO (ICDEL - 2009)

\*\*Consultants certificate in field of: Biological Control (2009).

Work Experience: From 1992- 2014 at Biological Control Research Department, Plant Protection Research Institute, Agricultural Research Centre, Giza, Egypt.

Skills: Control many economic insect pests using biological control, work in many agriculture projects since 1990 - 2014, mass rearing of many parasites, predators and entomopathogenic nematodes. (

Participation in research projects:

1 - Participation in the work of the project number (384), entitled: "The real importance of spiders to Kmftersat Pests of Field Crops" and funded by the Fund to support research institute since 1994 until 1997. A Principal Investigator. D. / Amira Abdel Hamid Ibrahim, a professor of Biological Control, Department of Biological Control Research - Institute of Plant Protection Research.

2 - Participation in the work of the project "Production and Quantitative Field application of entomopathogenic nematodes Kaooaül biological control against fruit trees Nakharc market" since 1996 from a surplus of food aid to Egypt and the French through the Egyptian Ministry of Agriculture. A Principal Investigator. D. / Muhammad Shams al-Din Mustafa, Department of Animal and Ailostaz AInimatolojia agricultural - Faculty of Agriculture - Cairo University.

3 - Participation in the work of the project "the use of the means of biological control integrated against the palm weevil - AIDS palm" and in this project was the use of nematodes pathogenic to insects as well as the means of biological control, such as

some plant extracts and fungicides in an integrated manner to combat the red palm weevil has started this project in September of 1998 and extended to the year 2003 this project was funded from the sector of economic cooperation with the United States under the Ministry of International Cooperation.

4 - Participation in the work of a project funded by the Academy of Scientific Research on the use of entomopathogenic nematodes in biological control of red palm weevil and the project began in 1999 and ended in 2000.

5 - Participation in the work of the project the Egyptian-US Joint between Cairo University and Rutgers University New Jersey Balotait United States and the use of genetic engineering as a means to improve the ability of nematodes pathogenic to insects on the drought tolerance The project began in February 10, 1999 m and for two years, funded by the projects of Science Technology and the American-Egyptian joint supervision of the Academy of Scientific Research and Technology.

6 - Participation in the work of the project "component activities" within the research team, Department of Biological Control Research for the propagation of parasites and predators to control many insect pests.

#### Membership of Scientific Journals:

1 - a member of the Journal of the Egyptian Society for Biological pest control - based: Faculty of Agriculture - Cairo University - Egypt.

2 - Member of the Egyptian Journal of Agricultural Research - based: ARC - Egypt.

3 - Member of the Syndicate of Scientific Professions since graduation and until 2012 the current

4 - Member of the Egyptian Society for wildlife - based: Kafr El Sheikh - Egypt.

5 - Member of the Journal of the Egyptian Society of Entomology - based: Cairo - Egypt.

6 - a member of the Arab Council of Universities - Headquarters: University of Cairo - Egypt.

7 - Member of the Association (Eugenai) Egyptian-French to adorn the gardens - based: France.

8 - Member of the Arab Society for Plant Protection - based: Syria.

9 - Member of the Journal of the Egyptian Society - German zoology - based: the University of Cairo - Egypt.

10- Member within the research team for the component production and propagation of biocontrol organisms loneliness of a special nature, Department of Biological Control Research - Institute of Plant Protection Research - ARC - Egypt.

List of publications:

- 1- Shairra, S. A. (2000): Studies on the effects of some entomopathogenic nematode isolates on different host species. M.Sc. Thesis, Fac. Sci., Cairo Univ., Egypt, 108.
- 2- Shairra, S. A. (2007): Effects of entomopathogenic nematodes and some pharmaceutical inhibitors of eicosanoid biosynthesis on the desert locust *Schistocerca gregaria* (FORSKAL). Ph. D. Thesis, Fac. Sci., Cairo Univ., Egypt, 65.
- 3- Shairra, S. A. (2009). Parasitism of Locust by Entomopathogenic Nematode in Relation to Insect Microaggregation Inhibitor. Egypt, Acad. J. biolog. Sci., 2(2): 221-230.
- 4- Shairra, S. A. (2010). Improving the biological control of locust *Schistocerca gregaria* using cyclooxygenase inhibitor with the entomopathogenic nematode *Steinernema glaseri*. Bull. ent. Soc. Egypt, Econ. Ser., 36, 139-154.
- 5 - Shairra, S. A. and Awad H. H., (2011). Insecticidal effects of the entomopathogenic nematode *Heterorhabditis bacteriophora* (Hp88) and *Allium sativum* (garlic) extract in the immune challenge of the desert locust *Schistocerca gregaria* (Forskai). Egypt. J. Biol. Pest Control, 21: (1) 11-17.
- 6- El-Sahn O. M. N. and Shairra S. A., (2012). Efficiency of *Metarhizium anisopliae* var *acidum* and certain chemical compounds on garden snails, *Cornu aspersum* (= *Helix aspersa*). J. Egypt. Ger. Soc. Zool. Vol.(64E) : Entomology, 103- 111.
- 7- Ibrahim A. A. and Shairra S. A., (2011). Effect of eicosanoid biosynthesis inhibitors on the immune response of the cotton leafworm, *Spodoptera littoralis* (Boisd.) infected with the nematode, *Steinernema glaseri* (Rhabditida: Steinernematidae). Egypt. J. Biol. Pest Control. 21 (2): 197-202.

- 8- Ibrahim A. A.; S. A. Shairra and El-mahdi I. F. S. (2012). Studying the Importance of true spiders on biological control of some field pests. *The Journal of Basic & Applied Zoology* (65): 1-3.
- 9- Shairra, S. A. and El-Sahn O. M. N., (2012). Increasing efficacy of entomopathogenic nematodes used local liquid soap to control garden snails. *J. Egypt. Ger. Soc. Zool. Vol.* (64E): Entomology, 95- 102.
- 10 -Shamseldean, M. M.; A. A. Ibrahim; N. M. Zohdi; S. A. Shairra and T. H. Ayeed (2008). Effect of the Egyptian entomopathogenic nematode isolates on controlling some economic insect pests. *Egypt. J. Biol. Pest Control.* 18(1), 81-89. Proceeding of 2th Arab Conference of Applied Biological Pest Control, Cairo, Egypt, 7-10 April 2008.
- 11- Ayeed T.H., N. M.Zohdi, S. A. Shairra and A. A. Ibrahim, 2008. Effects of entomopathogenic nematodes and some pharmaceutical inhibitors of eicosanoid biosynthesis on the desert locust *Shistocerca gregaria* (Forsk.)*J. Biol. Pet Control.* 18(1): 105-118.
- 12- Ibrahim, A.A.; A. A. El-Zoghby and S. A. Shairra (2003). True spiders in Egyptian fields. *Annals of Agric. Sci., Moshtohor,* 41(2): 981- 988.