

CURRICULUM VITAE



NAME : **AHMED HUSSEIN EL-HENEIDY**

DATE OF BIRTH : 25 APRIL 1946

CITIZENSHIP : EGYPTIAN

COUNTRY OF RESIDENCE: EGYPT

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DESIGNATION : EMERITUS RESEARCH PROFESSOR, DEPT. OF BIOLOGICAL CONTROL, PLANT PROTECTION RES. INSTITUTE, AGRICULTURAL RES. CENTER, DOKKI, GIZA, EGYPT

EDUCATION

- ◆ **Ph. D.**, Entomology, Dept. of Ecology and Taxonomy, Faculty of Science, Leipzig University, Germany, December 1981. Dissertation on "Aphids' parasitoids".
- ◆ **M. Sc.**, Entomology, Dept. of Economic Entomology, Faculty of Agriculture, Cairo University, Cairo, May 1976. Thesis on "Insect Fauna of Egyptian Clover".
- ◆ **B.Sc.**, Plant Protection, Dept. of Plant Protection, Faculty of Agriculture, Cairo University, Cairo, June 1966, Final grade: Very good.

POST DOCTORAL VISITS

- ◆ USA, short visits (2-4 weeks) to USDA and the Universities of; California, Riverside, New Mexico State University, and Texas A & M between 1990 and 2002.
- ◆ UK, University of Sheffield (3 months), 1989, received training in " Taxonomy of Parasitic Hymenoptera " Sponsored by the British Council in Egypt,
- ◆ Germany, Dept. of Biological Control, Ministry of Agriculture and Forestry, Darmstadt (3 weeks), 1987, visiting the laboratory for mass-production of the parasitoid, *Trichogramma*.
- ◆ USA, University of Maryland, Maryland State, (10 months) 1984, conducting research on "Influence of Allelochemicals on insect hosts and their parasitoids. Sponsored by USAID.

INTERNATIONAL CONSULTANCY

- ◆ **2010 Short-term IPM Expert** of Tropical and Subtropical Pests at **Jazan, Kingdom of Saudi Arabia**, financed by the Food and Agriculture Organization of the United Nations (FAO).
- ◆ **2004-2005 Short-term Plant Protection Expert**, in the Multidisciplinary Programming Mission for Sustainable Agriculture in Kuwait, financed by the Food and Agriculture Organization of the United Nations (FAO).
- ◆ **2003-2004 Short-term IPM Consultant**, in the Multidisciplinary Programming Mission for Sustainable Agriculture in Zanzibar, financed by The Arab Bank for Economic Development in Africa (BADEA).
- ◆ **1999 Short-term IPM Consultant**, Netherlands financed Fayoum IPM Project (FIPMP).
- ◆ **1993-1996 IPM Consultant, in the IFAD / WORLD BANK Project "Small-holder Cotton Rehabilitation Project (SCRCP)"** in Uganda.

LANGUAGES

- Arabic: (Mother tongue) - English: Excellent - German: Very good

KEY QUALIFICATIONS

Over 40 years experience in conducting and supervising laboratory and field programs for biological and integrated pest control of economic insect pests, providing technical support and services for researchers, extension staff and farmers, organizing and lecturing in biological and IPM training programs, and supervising post graduate students for M. Sc. and Ph.D.

PROFESSIONAL EXPERIENCES

At present

Emeritus Head Researcher (Research Professor) at the Dept. of Biological Control (DBC), Plant Protection Research Institute (PPRI), Agricultural Research Center (ARC), Ministry of Agriculture (MOA), Giza, Egypt.

2010 Short-term IPM Expert Tropical and Subtropical Pests at **Jazan, Kingdom of Saudi Arabia**, financed by the Food and Agriculture Organization of the United Nations (FAO).

2008 – 2011

Principal Investigator (PI) of the Egyptian-American collaborative project: "Non toxic control of tephritid fruit flies" with U.S.-Hawaii Dept. of Agriculture, US-Egypt Science and Technology Joint Fund.

Duties include: establishment of potential bio-control agents to suppress *Bacterocera zonata* population in Egypt

2004 to 2006

Principal Investigator (PI) of the Egyptian-American collaborative project carried out among MUCIA Linkage Project (USA), Faculty of Agriculture, Cairo University, National Research Centre (NRC), and Agricultural Research Centre (ARC) (Egypt) titled "Developing innovative and simple technologies for the mass production of bio-pesticides and transfer them to the Egyptian farmers growing exported vegetables". The project was funded by the USAID.

2004 Short-term Plant Protection Expert, in the Multidisciplinary Programming Mission for Sustainable Agriculture in Kuwait, financed by the Food and Agriculture Organization of the United Nations (FAO).

2003-2004 Short-term IPM Consultant, in the Multidisciplinary Programming Mission for Sustainable Agriculture in Zanzibar, financed by The Arab Bank for Economic Development in Africa (BADEA).

2002 to present

Scientific Supervisor and Member of the council of the Bio-Organic Agricultural Service Center at Aswan- Upper Egypt, financed by the World Food Program (WFP) 3214.

1999 to 2002

Head of the Dept. of Biological Control (DBC), PPRI, ARC, MOA, Giza, Egypt.

1999

Short-term IPM Consultant, making feasibility study for The Integrated Pest Management Project (FIPMP) in Fayoum, Egypt, financed by The Netherlands.

1997 to 2003

Evaluation of some exotic parasitoid species against the cotton bollworms in Egyptian cotton fields”.

1997 to 2001

Principal Investigator (PI) of the IPM Egyptian-American collaborative project, (ATUT) between ARC and the University of California, Riverside and Davis sponsored by the USAID on wheat IPM based on biological control of aphids, as the major pests of wheat in Egypt.

1994 - 1996

Integrated Pest Management Consultant in the IFAD / WORLD BANK Project "Small-holder Cotton Rehabilitation Project (SCRP)" in Uganda.

1991 - 1994

Head Researcher (Research Professor) at the Dept. of Biological Control (DBC), PPRI, ARC, MOA, Giza, Egypt.

- CO/Principal Investigator (CO/PI) of the IPM Egyptian-American collaborative project, (ARC) and three American universities; Texas A&M, New Mexico and California, Riverside, sponsored by the USAID on cotton IPM with emphasis on biological control of bollworms, as major cotton pests in Egypt.

1986 - 1991

Senior Researcher at the Dept. of DBC, PPRI, ARC, MOA, Egypt.

- **CO/PI of the Egyptian project** "Use of the egg-parasitoid, *Trichogramma evanescens* West. in controlling the sugar-cane borer, *Chilo agamemnon* Bles. in sugar-cane fields in Upper Egypt", by mass rearing and release of the parasitoid as the most efficient control method. (1987 to 1994).
- **Regional scientist in charge of the project** "Aphids Integrated Pest Management (IPM) in wheat fields in Egypt". The Egyptian - ICARDA project on cereals in Egypt and Nile Valley sponsored by ICARDA organization. (1988 to 1994).
- In 1989, spent 3 months at Sheffield University, U. K., receiving training on Taxonomy of Parasitic Hymenoptera" which includes most of the parasitoid species of insect pests.
- Supervising post graduate students for Ph.D. and M. Sc. degrees in the field of biological control of insect pests. **(1988 to present)**.
- Lecturer of biological and integrated pest control and technology transfer training programs for extension specialists and agriculture engineers in various provinces of Egypt (1986 to 1994).

1982 - 1986

Researcher at the Dept. of DBC, PPRI, ARC, MOA, Egypt.

- Team member of the annual evaluation of tested insecticides, concerning their effect on the role of natural enemies in cotton fields in Egypt (3-5 Governorates yearly). (1981 to 1990).
- Team member of the Egyptian project "Use of parasitoid and predators in controlling certain vegetable crop pests in Egypt", (12 Governorates) (Sponsored by ARC). (1981 to 1988).
- Biological control specialist in the Egyptian project "Biological Control of Corn Borers in

Maize Fields in Egypt". (Sponsored by the Academy of Science Research and Technology). (1982 to 1985).

- Conducting laboratory and field research concerning biological control of economic insect pests according to the Dept. of BC plan of work.
- During 1984, spent 10 months at Maryland University, Dept. of Entomology, USA, as visiting staff, conducting research on the use of natural extracts (Allelochemicals) in pest control studying their influence on the insect hosts and their parasitoids.

1976 - 1981

Assistant Researcher at the Dept. of DBC, PPRI, ARC, MOA, Egypt.

- Conducting laboratory and field research concerning biological control of economic insect pests. (1976 to 1978).
- Studying and conducting research work for Ph.D. at Leipzig University, Germany, on biological control of economic insects. Dissertation on "Biological and ecological studies on aphids parasitoids, as basic information for modeling the pest control". (1978 to 1981).

1966 - 1976

Research assistant at the Dept. of DBC, PPRI, ARC, MOA, Egypt.

- Studying and conducting research work for M. Sc. in economic entomology, thesis on "Insect fauna of Egyptian clover in Egypt" with emphasis on abundance of natural enemies before emigrating to cotton fields. (1973 to 1976).
- Team member of the Egyptian project "Survey and Studies on the Natural Enemies of the Cotton Bollworm, *Heliothis armigera* Hb.", as one of the principle pests in cotton and vegetable crops in Egypt. (Sponsored by the Academy of Scientific Research and Technology). (1974 to 1977).
- Team member of the Egyptian-American project "Survey, Biological and Ecological Studies of Parasitoids and Predators of Certain Aphids Infesting Cotton and Other Crops in Egypt". (1974 to 1978).

PROFESSIONAL SOCIETIES:

- Member of the Egyptian Society for Entomology.
- Member of the International Organization of Biological Control (IOBC).
- Member of the Editorial Board of the Journal of Arab Society for Plant Protection.
- General Secretary of the Egyptian Society of Biological Control of Pests (ESBCP).
- Member of the Editorial Board of the Agricultural Res. Journal, Suez Canal University.
- Member of the Egyptian Society of Wild Life.
- Member of the Egyptian Society of Sugar-cane Experts.
- Member of the African Crop Science Society.
- Member of the Entomological Society of Southern Africa.

PUBLICATIONS

Author and co-author of more than 116 scientific papers and studies on integrated pest management, pest and biological control published in local and international scientific magazines and journals.
(List of Publications is available).

PARTICIPATION IN INTERNATIONAL PROFESSIONAL MEETINGS

<u>Date</u>	<u>Location</u>	<u>Title of Presented Papers</u>
May, 1981	Budapest, Hungary	Use of mathematical models in pest control.
Aug., 1984	Vancouver, Canada	Attending the 4th conference on biological control of weeds
Dec., 1987	El-Ain, U.A.E.	Release of mass reared parasitoids in sugar – cane fields in Egypt.
Sept., 1990	Texas, U.S.A.	Use of Egg-parasitoids to control sugar cane borers in Egypt
Oct., 1993	Addis Ababa, Ethiopia	ICARDA Regional Meeting, Efficacy of aphidophagous against aphids at wheat fields in Egypt.
Dec., 1995	Kampala, Uganda	IPM for Sustainable Cotton Production in Uganda
Aug., 1996	Florence, Italy	Contribution of trap crops in integrated management of cotton pests in Uganda.
Oct., 1997	Beirut, Lebanon	Aphids and their natural enemies on faba bean in Egypt.
Apr., 1998	Aleppo, Syria	IPM of wheat aphids in Egypt.
Aug., 2000	Aguasso, Brazil	IPM of wheat pests based on host plant resistance and biological control in Egypt.
Oct., 2000	Amman, Jordan	Biological control of olive fruit fly in Egypt.
Jan, 2002	Hawaii, USA	Attending 1 st International Symposium for Biological Control of Arthropods.
Oct., 2003	El-Beida, Libya	Significance of hyperparasitism on cereal aphid primary parasitoids in Egypt. 8 th Arab Congress of Plant Protection.
July 2004	Aleppo, Syria	Attending the 2nd International conference on Sunn pest.
Sept., 2005	Davos, Switzerland	Evaluation of exotic parasitoids of cereal aphids. 2 nd International Symposium for Biological Control of Arthropods.
Nov. 2006	Damascus, Syria	Performance of exotic aphid parasitoid species against cereal aphids in Egypt.
Nov. 2008	Soussa, Tunis	Role of natural enemies on olive pests in Egypt
Oct. 2009	Beirut, Lebanon	Control of <i>Helicoverpa armigera</i> by release of the parasitoid <i>Trichogramma</i> in tomato fields.
Sept. 2010	Valencia, Spain	<i>Bactrocera zonata</i> , pest status and its natural enemies in Egypt.