



Mervat A. B. Mahmoud

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Google Scholar: <https://scholar.google.com/eg/citations?hl=ar&pli=1&user=IYZ07v0AAAAJ>

Education:

- 2009- 2015 Doctor of Philosophy in Plant, Insect and Microbial Science. (Entomology emphasis area) University of Missouri, MO
- 2001- 2005 Master Of Science in Entomology, Entomology Department, Faculty of Science-South Valley University- Qena Egypt.
- 2000 Bachelor of Science in Entomology, Entomology Department-Faculty of Science-South Valley University- Qena Egypt.

Professional Experience:

Egypt, South Valley University, Zoology and Entomology Department

Participate in the department activities. Lead school tours in the Animal and Insect Museum. Collecting, preserving and organizing insect collections for the Insect Museum. Participating and organizing the bulletin board of the department. Participating and preparing the laboratory materials (ex. Slides, Specimens).

- (2001 – 2005) Demonstrator
- (2005 – 2009) Teaching Assistant
- 2015- Present Assistant Proffessor

Teaching:

Egypt, South Valley University, Entomology Department

September 2016-present

Teaching the listed courses to undergraduates and graduates students.

- Insect Taxonomy
- Insect Ecology
- Economic Insects
- Insects as Vector to Plant Diseases
- Insect Environments, Special Environments and Insect Behavior
- Pesticide and Insect Control

**Egypt, South Valley University, Entomology Department
January 2001- June 2009**

Teaching the listed courses to undergraduates and graduates students. Preparing laboratory and field activities, Prepared practical exams, Provided introductory Lectures on the current lab activity, evaluated students, and maintained clear and complete records.

- General Entomology Laboratory
- Insect Taxonomy Laboratory
- Insect Morphology Laboratory
- Insect Ecology Laboratory
- Economic Insects Laboratory
- Insects as Vector to Plant Diseases Laboratory
- Insect Environments, Special Environments and Insect Behavior Laboratory
- Medical Entomology and Insect Diseases Laboratory
- Pesticide and Insect Control Laboratory
- Insect Physiology Laboratory
- Animal Histology Laboratory
- Vertebrate Laboratory
- Invertebrate Laboratory
- Egyptian Environments Laboratory
- General Zoology Laboratory

Awards

- 2016 South valley university "Scientific publishing Award"
- 2012 1st Place for the chancellor's award for public Outreach
- 2012 Honorable mention NCB-ESA meeting
- 2009 Complete Scholarship Award from the Egyptian Government to Pursue The Ph. D from USA
- 2000 Honor Award for the best Student (As Undergraduate) Faculty of Science , South Valley University, Egypt
- 1999 Honor award for the best student (As Undergraduate) from the Life Association, South Valley University , Egypt

General area of interest

- Insect – environment interaction
- Insect- plant host interaction
- Biological control agents.

Publication:

Mervat A. B. Mahmoud. (2005): Ecological studies on certain pests and the naturally occurring biological control agents of order Hemiptera-heteroptera in Qena. MSc. Thesis, South Valley University.

Abdel-Galil, F. A. Osman, K. S. M., Amro, M. A., and **Mahmoud M. A.** (2005): Survey and seasonal abundance on certain pests of Order Hemiptera – Heteroptera via two different methods in Qena Governorate, Southern Upper Egypt. *J. Egypt, Acad. Soc. Environ. Develop., (A-Entomology)*. Vol. 6, No. (1): 147- 17.

Abdel-Galil, F. A. Amro, M. A Osman, K. S. M., and **Mahmoud, M. A** (2006): Population fluctuations and flight activities of certain heteropteran species inhabiting semi-arid ecosystems at Qena Governorate, Upper Egypt. *Assuit Univ. J of Zoology*, Vol. 35 (1), 29-47.

Abdel-Galil, F. A. Amro, M. A Osman, K. S. M., and Mervat A. Mahmoud (2006): impact of ambient weather factors and moon light on the seasonal abundance of certain species of order : Hemiptera recorded in qena, Upper Egypt. *Assuit Univ. J. of zoology*, Vol. 35 (1), 29- 47.

M. A. B. Mahmoud · R. E. Sharp · M. J. Oliver · [...] · B. E. Hibbard. (2016). The Effect of Western Corn Rootworm (Coleoptera: Chrysomelidae) and Water Deficit on Maize Performance Under Controlled Conditions. · *Journal of Economic Entomology*

M A B Mahmoud, R. E. Sharp, M. J. Oliver, D. L. Finke, M. Bohn, M. R. Ellersieck, B. E. Hibbard. 2017. Response of Maize Hybrids With and Without Rootworm- and Drought-Tolerance to Rootworm Infestation Under Well-Watered and Drought Conditions. *Journal of Economic Entomology*, <https://doi.org/10.1093/jee/tox309>

Professional Affiliations, Academic Services, conferences and Community outreach

Professional Affiliations

- 2009-2015 Member of Entomological Society of America (ESA).
- 2001- 2009 Member of Egyptian Society of Biological Control of Pests (ESBCP).
- 2001- 2009 Member of Egyptian Society of Entomology (ESE).

Academic workshops

- 2016 British Council “Research connect”
- 2012 April 2- 4 ”Roots under Drought workshop”.
- 2006, 2007, 2008, 2009 Attended non-credit, non-graded courses on preparing University staff to be ideal members to teach and do research, South Valley Univ. – Qena, Egypt.
- 2007-2008 Attended Courses Quality Assurance and Accreditation Preparation Project (QAAP). South Valley Univ. – Qena, Egypt

- 2004 Participate in the Pathways to Higher Education program Training of trainers (TOT) Funded by (A Ford foundation Global Initiative for Promoting Inclusiveness in Higher education). South Valley Univ. – Qena, Egypt
- 2004-2009 Participate in the Pathways to Higher Education program as trainer South Valley Univ. - Qena Egypt

Community services

- 2009- Present member of Muslim Student Organization. University of Missouri
 - Representative for 2009 Muslim Awareness week, Columbia MO
 - Representative for 2009 Islamic Center of Central Missouri Open House, Columbia MO
- C. V. Riley Entomological Society, Division of Plant Science (Entomology Program), University of Missouri
 - 2010 Representative for South Farm Field Day, Columbia, MO
 - 2012 Representative for South Farm Field Day, Columbia, MO
 - 2012 Representative Speaker to EEE students “The gifted kids Center”
 - 2015 Student Affairs Committee, 2016 International Congress of Entomology
 - August, 2016 Executive Deputy in the Quality Center, Faculty of Science
- 2017- present Manager of Conference Unite, Scientific Publishing Office, South Valley University

Meeting, Posters and Oral Presentations

Mahmoud, M., R.E. Sharp, M.J. Oliver, and B.E. Hibbard. Interaction of maize, drought stress, and western corn rootworm on plant and insect growth in B73 × Mo17 corn (Poster). 2011. Annual Meeting of the Entomological Society of America, Reno, NV, Nov. 2011.

Mervat A. B. Mahmoud R. E. Sharp, M. J. Oliver, B. E. Hibbard. The effect of soil moisture and western corn rootworm on maize performance. Annual Meeting of the Entomological Society of America, Knoxville, TN, Nov. 2012.

Mervat A. B., Robert E. Sharp, Melvin J. Oliver, Bruce E. Hibbard. Western corn rootworm/drought interactions in the field in maize hybrids with and without drought and rootworm tolerance (Poster). Interdisciplinary Plant Group Symposium in Root Biology May 29-31, 2013. University of Missouri, Columbia MO.

Mahmoud, Mervat A. B., Robert E. Sharp, Melvin J. Oliver, Bruce E. Hibbard. A field study of western corn rootworm/drought interactions with maize hybrids exhibiting various drought and rootworm tolerance. Annual Meeting of the Entomological Society of America, Austin, TX, Nov. 2013.

Mervat. A B , and Bruce Hibbard. Western corn rootworm and soil moisture effects on maize growth” International Conference on Civil, Agriculture, Biological and Environmental Sciences (CABES-17) Dec. 28-29, 2017. Pattaya, Thailand.