



C.V.

Name: Fayeze Mohamed Mohamed Semida

Date of Birth: 05/12/ 1960

Nationality : Egyptian

Place of Birth: Ismailia- EGYPT

Occupation: Professor. Zoology Department- Faculty of Science
Suez Canal University, Ismailia, Egypt.

Tel Number: (+2) 0101576812

E-mail: fayezeSemida@hotmail.com

Degrees:

- i. B.Sc. Zoology 1982 (excellent)- Suez Canal University
- ii. MSc. Zoology 1989 Suez Canal University (*Survey and ecological studies on non-true pollinator at St. Catherine area and wadi Fieran, South Sinai*)
- iii. PhD. Zoology 1995 Nottingham University (UK)/ Suez Canal University (*insect-plant pollination relationship in Sinai desert ecosystem*)

Scientific Career:

- Demonstrator in *Zoology Dept., Fac. Science Suez Canal Univ.. 1984- 1989*
- Assistance *Lecturer Zoology Dept., Fac. Science Suez Canal Univ 1989-1994*
- Lecturer *Zoology Dept., Fac. Science Suez Canal Univ 1995-2001*
- Assistance Professor *Zoology Dept., Fac. Science Suez Canal Univ 2001-2006*
- Professor *Zoology Dept., Fac. Science Suez Canal Univ 2006-*
- Executive director of the environmental Research Centre in St. Katherine, 2007-2009
- Supervisor of the regional branch of Egyptian Academy of Science in Suez Canal region and Sinai 2011-
- Head of Zoology Department Faculty of Science, Suez Canal University 2011-2012

- Vice Dean of faculty of Science, Suez Canal University for postgraduate affairs and cultural relations 2012-

Teaching experience:

- ❖ General Entomology
- ❖ Ecology
- ❖ Animal behavior
- ❖ Behavior ecology
- ❖ Biostatistics
- ❖ Biodiversity
- ❖ Field ecology

Research interests:

- ❖ Conservation biology and ecology of terrestrial invertebrates
- ❖ behavioral ecology of insects
- ❖ Insect-plant interactions
- ❖ Biodiversity assessment.

Skills:

- ✓ Computer, Data analysis , Field courses organization, and Conferences organization

Languages

Mother tongue: Arabic

Second language: English (fluent)

Societies' membership:

- Entomological Society (Egypt).
- Egyptian-British Biological Society (Egypt).
- Egyptian-German Society of Zoology (Egypt).
- Egyptian Society for Natural Toxins (Egypt).
- Egyptian society of Environmental Sciences (Egypt).

- Egyptian Academic Society for Environmental Development (Egypt).

Related professional experience

- Member of the quality assurance and accreditation unit of Faculty of Science, Suez Canal University, Ismailia, Egypt.

Fellowships

October 1992- October 1994, Nottingham University, UK (PhD joint program with Suez Canal University, Egypt)

March- April,2001, Nottingham University, UK (funded by British council in Cairo)

March, 2002, Portugal (trainer) training course in field ecology with collaboration with Nottingham University (funded by British council in Cairo)

March, 2004, Portugal (trainer) training course in field ecology with collaboration with Nottingham University (funded by British council in Cairo)

October 2007- Jan, 2008. Okayama University , Okayama, Japan, (Funded by the Egyptian ministry of higher education)

Conferences and work shops:

The fifth **Portugal** Society for Botany, April 1992 St. Katherine, Egypt.

- The UNEP Workshop on the Red Sea area , December,1992,St . Katherine ,Sinai ,Egypt.

- The first Egyptian Hungarian Conference on Environment. April 5-7, 1993 . St . Katherine, Sinai, Egypt

- Conference on Teaching Physics for non-physicians. July, 1995.St.Katherine ,Sinai , Egypt.

- Biostatistics Work shop , help by Egyptian British Society for Biological Science, 30 August-1 September, 1997 .September, 1997 . Ismailia , Egypt .
- 1st. International Conference of Egyptian British Biological Society. July 29-30, 2001 . Ismailia , Egypt.
- 2nd. International Conference of Egyptian British Biological Society. 2003 . Cairo, Egypt.
- 3rd. International Conference of Egyptian British Biological Society .Sept. 3-5, 2004 . Saint Katherine , Egypt.
- 15th. International Conference of Egyptian Germaine society y of Zoology, Feb., 26-2 nd., of March. 2005. Cairo, Egypt..
- 3rd. National Conference of Egyptian Academic Society for Environmental Development. 2006, April.
- 1st. International Conference of Egyptian Society of Environmental Science. 2006, June. Ismailia, Egypt
- 2nd. International Conference of Egyptian Society of Environmental Science. 2007, July. Ismailia, Egypt
- 3rd. International Conference of Egyptian Society of Environmental Science. 2008, July. Ismailia, Egypt "Future trends of genetics and biotechnology for safe environment"
- 3rd.international conference on natural toxins 16-18 Dec.,2008 Cairo , Egypt.
- 4th.. International Conference of Egyptian Society of Environmental Science. 2009, July. Ismailia, Egypt
- Introduction to bioinformatics workshop, 10-12 March,2009 biotechnology research center

- 1st. University conference on "Scientific Research Ethics" . 4th. May,2009, Ismailia, Egypt.
- 4th. International natural toxins conference in Ismailia, Egypt 20-22 December 2010
- 1st international conference on biodiversity of the aquatic environment " Towards a diverse and sustainable world, 13-15 December,2010 Lattakia, Syria.
- 5th. International conference "Climate changes and water Resources, Ismailia, Egypt 10-11 July 2012
- 5th International natural toxins conference Cairo, Egypt 17-19 December 2012

Publications:

Book

M Kamel, **F M Semida**, M S Abdel-Dayem (2012) Galls inducing insects in Sinai Ecosystem, Egypt. Gall inducing insects and their host plants in St. Katherine Protectorate. Edited by: Kamel M., Semida F.M. and Abdel-Dayem M.S.. KG Heinrich-Böcking-Straße, Germany: Lambert Academic Publishing GmbH & Co. First isbn: 978-3-659-13036-6

Articles

- 1) **Semida F.**, Abo-Ghalia A. & Badr M. (1988): Relative abundance and pollination efficiency of some butterflies and moths in Southern Sinai. Proc. Zool. Soc. A.R.E.16: 123-133.
- 2) Abo-Ghalia A. & **Semida F.** (1989): Dipterous flower visitors of some fruit trees in Southern Sinai. 3rd. Nat. Conf. of Pests & Fruit in Egypt and Arab Countries, Ismailia, Egypt. 329-337.
- 3) Abo-Ghalia A. & **Semida F.** (1989): Some beetles of St. Catherine and Wadi Feiran with emphasis to their role as pollinating agents. Bull. Entomol. Soc. Egypt. 68:281-290.
- 4) Willmer P., Gilbert F. Gazoul J., Zalat S. & **Semida F.** (1994): A novel form of territoriality: daily pattern of investment in an Anthophorid bee. Animal Behaviour, 48:535-549.
- 5) Gilbert F. Willmer P. , **Semida F.**, Gazoul J. & Zalat S. (1996): Spatial variation in selection in a plant-pollinator system in the Wadis of Sinai, Egypt. Oecologia, 108:479-487.
- 6) **Semida F.**, Zalat S. & Abo-Ghalia A. (1998): Some foraging activities of major insect flower visitors at St. Catherine, South Sinai. J. Egypt. Soc. Zool., 26(E): 37-44.

- 7) Stone G., Gilbert F. Willmer P., Potts S., **Semida F.** & Zalat S. (1999): Windows of opportunity and the temporal structuring of foraging activity in a desert solitary bee. *Ecological Entomology*, 24:208-221.
- 8) **Semida F.** (1999): Insects impact on the reproductive success of *Asclepias sinaica* (Bioss)Muschl. (Asclepiadaceae) in South Sinai, Egypt. *J. Egypt. Ger. Soc. Zool.*, 29(E): 1-10.
- 9) Gilbert F., Zalat S. & **Semida F.** (1999): Insect-plant coevolution in the mountains of Sinai. *Egypt. J. Boil.* 1: 142-152.
- 10) **Semida F.** (2000): Nesting behaviour of *Anthophora pauperata* (Hymenoptera: Anthophoridae) in St. Catherine ecosystem, Sinai. *Egypt. J. Biol.*, 2: 118-124.
- 11) Zalat S., **Semida F.**, Gilbert F., Elbanna S., Said E. ElAlqamy & Behnke J (2001): Spatial variation in the biodiversity of bedouin gardens in the St. Katherine protectorate, South Sinai, Egypt. *Egypt. J. Biol.*, 3: 147-155.
- 12) **Semida F.**, Abd El Dayem M., Zalat S., & Gilbert F. (2001): Habitat heterogeneity and altitudinal gradient in relation to beetle diversity in South Sinai, Egypt.
- 13) Shaban A.; **Semida F.M.**; Abo-Ghalia A. & Bedir M.A (2002): Behavioural and temporal activity patterns of three desert beetles (Family: Tenebrionidae) under laboratory conditions. *J. Acad. Soc. Environ. Develop. (A-Entomology)* 2(2):1-22.
- 14) Shaban A.; **Semida F.M.**; Abo-Ghalia A. & Bedir M.A (2002): Palatability of various plant leaves to three darkling beetle species (Family: Tenebrionidae). *J. Egypt. Ger. Soc. Zool.* 39 (E) Entomology: 21-31.
- 15) Bedir M.A.; **Semida F.M.**; Shaban A. & Abo-Ghalia A.(2005): Bioenergetic studies on three species of Egyptian Tenebrionid beetles. *J. Egypt. Ger. Soc. Zool.*, 47(E): 39-68.
- 16) **Semida F.** (2006): Ungulate grazing impact on the local distribution of the rare species *Rhopalomyia tanaceticola* karsh (Diptera: Cecidomyiidae), in South Sinai ecosystem. *Bull. Entomol. Soc. Egypt*, 83: 51- 60.

- 17) **Semida F. (2006)**: Insect fauna associated with *Acacia* trees in Wadi Feiran ecosystem, South Sinai, Egypt. Bull. Entomol. Soc. Egypt, 83: 27-38.
- 18) **Semida F. M. & Elbanna S. (2006)**: Impact of introduced honey bees on native bees at St. Katherine protectorate, South Sinai, Egypt. International Journal of Agriculture & Biology, 8 (2):191- 194.
- 19) Nuttman, C., **Semida F. M.** , Zalat S. & Willmer P. (2006): Visual cues and foraging choice: bee visits to floral colour phases in *Alkanna orientalis* (Boraginaceae) Biological Journal of the Linnnean Society, 2006, 87: 427- 435.
- 20) Elbanna S & **Semida F.** (2006): *Alkanna orientalis*- herbivore interaction in South Sinai ecosystem. Bull. Entomol. Soc. Egypt, 83: 39-49.
- 21) **Semida F.M.**, Elbanna S., Zalat S. & Gilbert F. (2006): Insect-plant interaction (*Paramecops sinaitus/ Asclepias sinaica*) in Sinai ecosystem Journal of Egyptian Academic Society for Environmental Development (A-Entomology), 7(1): 173-183.
- 22) Elbanna S. & **Semida F.M.** (2006): Biodiversity of ground dwelling insects in newly reclaimed land of Ismailia, Egypt. Journal of Egyptian Academic Society for Environmental Development (A-Entomology), 7(1): 185-199.
- 23) Shaban A.; **Semida F.M.**; Abo-Ghalia A.; Bedir M.A & Bahgat I. (2006): Impact of some anthropogenic activities on the diversity of ground insects at the southern area of Port Said, Egypt. CATRINA, 1(1): 15-24.
- 24) Mahmoud Abdel-dayem, Gamal Orabi & **Fayez Semida** (2007) Assessing the potential role of beetles as bioindicators in South Sinai, Egypt. Proc.2nd. inter. Conf. ent. Soc. Egypt, Vol. 1 : 147-168.
- 25) Shabaan A, El henawy H, Bedir M, **Semida F.**, Abo Ghalia A & Bahgat I (2007): Biodiversity of the ground spiders in southern area of Port Said Governorate, EGYPT. CATARINA ,2, (2):153-158.

- 26) Francis Gilbert, Claire Hancock, **Fayez Semida**, Maxwell Barclay, Vanessa Hall, Samy Zalat, Enzo Colonnelli, Tim Newbold, Massimo Meregalli, Shereen Elbanna, Nancy Abu Fandud, Frank Flegg, Rasha Fouad, Mona Ismail, Samr Osamy, Isra'a Saber , (2007) Redescription of a weevil *Paramecops sinaitus* (Coleoptera: Curculionidae: Molytinae) from the Sinai and an ecological study of its interaction with the Sinai milkweed *Asclepias sinaica* (Gentianales: Asclepiadaceae). *European Journal of Entomology*. 104: 505-515, 2007
- 27) Ghada M. Abdel-Ghany, Samy M. Zalat, Ahmed H. Abo-Ghalia and **Fayez M. Semida** (2007) Seed Infestation and Insect Damage of *Acacia tortilis* Pods in Wadi Mandar, Saint Catherine Protectorate, South Sinai, Egypt *CATRINA* (2007), 2 (2): 125 -132
- 28) Ghada M. Abdel-Ghany, Ahmed H. Abo-Ghalia*, Samy M. Zalat and **Fayez M. Semida** (2007) Abundance and diversity of *Acacia tortilis* insects and araneids fauna in Wadi Mandar, Saint Catherine Protectorate, South Sinai, Egypt *CATRINA* (2007), 2 (2): 137 -145
- 29) GH Abdel-Gahny, SM Zalat, AH Abo-Ghalia and **FM Semida** (2008) Ecological studies of some insects associated with Bedouin settlements in St Katherine Protectorate, South Sinai, Egypt. *Egyptian journal of biology*,10: 95 – 103.
- 30) Ghada M. Abdel-Ghany, Samy M. Zalat, Ahmed H. Abo-Ghalia and **Fayez M. Semida** (2009) Variation of venom and thoracic muscle proteins of *vespa orientalis* populations in relation to geographical isolation in Southern Sinai protectorates, Egypt. *Egyptian Journal of Natural Toxins*, Vol. 6(1): 17-32
- .
- 31) G M Orabi, **F M Semida**, M S Abdel-Dayem, M R Sharaf, S M Zalat (2011): Diversity patterns of ants (Hymenoptera: Formicidae) along an elevation gradient at St. Catherine Protectorate, South Sinai, Egypt *Zoology in the Middle East* 54: 101-112
- 32) El Surtasi, **F M Semida**, M S Abdel-Dayem, M M El Bokl (2012): The Threat of Urbanization on Beetle Diversity in New Damietta City, Egypt *Nature and Science* 10: 1. 15-23 January

- 33) Mohamed K. Zakaria, Mahmoud S. Abdel-Dayem (2010) *Rhopalomyia - seriphidium herba-album* interaction and modeling of their habitat in South Sinai ecosystem bull. ent. Soc. Egypt, 87, 2010 (55-69)
- 34) El-hennawy H, Medany D., Orabi G., **Semida F.M.**, and Abdel-Dayem (2012) The first record of *Halodromus patellidens* (Levy,1977) (Araneae: Philodromidae) in EGYPT. Serket 13 (1/2): 182-186.
- 35) Shereen M. Elbanna^{1*}, Nabawia M. Elhadidy, **Fayez M. Semida** ,Tayseer Abdel-Rasool (2012): Physiological and biochemical effect of entomopathogenic fungus *Metarhizium anisopliae* on the 5th instar of *Schistocerca gregaria* (Orthoptera: Acrididae) Journal of Research in Environmental Science and Toxicology Vol. 1(1): 007-018
- 36) Elbanna, Sh.M.; Elhadidy, N.M.; Azzazy, A.M.; Elhallous, E.I.; and **Semida, F.M.** (2012): Insecicidal and Joint effects of the fungus *Metarhizium anisopliae* and the nematode *Steinernema feltiae* on locust *Schistocerca gregaria*. Presented as a poster through the 5th International Conference on Natural Toxins 17-19 December 2012 Cairo-Egypt. The Egyptian Society of Natural Toxins.

Works in progress

- Assessment of the biodiversity of aquatic insects in St. Katherine protectorate, south Sinai, Egypt
- Impact of establishing Serabium forest on the biodiversity of ground dwelling invertebrates of the local area at Ismailia, Egypt.