

Dr. AKRAM SALEH ALGHAMDI

Personal Information:		
University ID number	: 4280263	
Nationality	: SAUDI	
Work address	: Associate Professor of Entomology,	
Current work address	 Department of Biology Zoology, Faculty of Science, Taif University, KSA Associate Professor of Entomology, Department of Biology, Faculty of Science, Taif University, KSA 	
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Academic Qualifications:

- B.Sc. Biological Science (Zoology) 1999, with grade (4.02 of 5), Faculty of Science, King Abdulaziz University, KSA.
- Master degree in Entomology, 2004, with grade (4.79 of 5) Biology Department, Faculty of Science, King Abdulaziz University, KSA.
- Ph.D. degree in Entomology 2012. Faculty of Medicine and Biological Science, Leicester University, Leicester, United Kingdom. Tilted: The interactions between immune and nervous systems in insects.

Professional Career:

- **Demonstrator:** 2000-2002, Faculty of Teaching in Taif, KSA.
- Lecturer: 2004-2006, Faculty of Teaching in Taif, KSA.
- Assistant Professr: 2013-2018, Department of Biology, Faculty of Science, Taif University, KSA.
- Associate professor: 2018-Till Now, Department of Biology, Faculty of Science, Taif University, KSA.



Experiences:

- Academic teaching in Taif University, Faculty of Science, Biology Department since 1999 in courses of General Zoology, Entomology, Economic Entomology, Biological Control, Invertebrates, Biodiversity, Ecology, and Graduation Research.
- Head of Biology Department, Faculty of Science, Taif University, KSA, 2016-2018
- Participating in Academic Accreditation Program of Biology Department, Faculty of Science, Taif University KSA
- Participating in Social Services through introduce some advices to farmers and crop producers on pest infestation symptoms and biological control.
- Co-Supervisor of Master Student M.Sc. In field of Entomology.
- An external examiner for a two Ph.D. students and one master student at King Abdulaziz University.
- An internal examiner for a master student at Biology Department, Taif University.

Memberships:

- Arab Society for Plant Protection (ASPP)
- Saudi Biological Society

Conferences:

- The International Union conference for Social Entomology Research- London 2007.
- The International Union conference for Social Entomology Research- London 2009.
- 33rd Annual meeting of the Saudi Biological Society. Jeddah, Saudi Arabia, October 2019 (Acceptance).
- 32nd Annual meeting of the Saudi Biological Society. Makkah Al-Mukarramah, Saudi Arabia, April 18-20, 2017.
- 30th Annual meeting of the Saudi Biological Society. Tabuk, Saudi Arabia, April 7-9, 2015.
- 29th Annual meeting of the Saudi Biological Society. Dammam, Saudi Arabia, February 25- 27, 2014.
- 28th Annual meeting of the Saudi Biological Society. Hail, Saudi Arabia, 2013.



List of Publications:

- ALGHAMDI, A., DALTON, L., PHILLIS, A., ROSATO, E. & MALLON, E.M. (2008). Immune response impairs learning in free flying –bumble-bees. *Biology Letters*, 4, 479–481. doi:10.1098/rsbl.2008.0331. (IF: 3.089, Q1)
- ALGHAMDI, A., RAINE, N.E., ROSATO, E. & MALLON, E.M. (2009). No evidence for an evolutionary trade-off between learning and immunity in a social insect. *Biology Letters*, 5, 55–57. doi: 10.1098/rsbl.2008.0514. (IF: 3.089, Q1)
- MALLON, E.M., ALGHAMDI, A., HOLDBROOK & ROSATO, E. (2014). Immune stimulation reduces sleep and memory ability in *Drosophila melanogaster*. *PeerJ*, 2:e434. (IF: 2.379, Q2)
- SAYED, S.M. & ALGHAMDI, A. (2017). Suitability of four different prey species for *Dichochrysa tacta* (Neuroptera: Chrysopidae). *Biocontrol Science and Technology*, 27(2), 200-209. (IF: 1.215, Q2)
- SAYED, S.M. & ALGHAMDI, A. (2017). Field evaluation of two indigenous Coccinellid species, released for controlling the rose aphid, *Macrosiphum rosae* (L.), on rose plants. *Egyptian Journal of Biological Pest Control*, 27(2): 217-221. (IF: 0.763, Q3)
- ALGHAMDI, A. (2015). Genetic Diversity of *Chrysoperla* sp. at East of Red Sea Using Cytochrome Oxidase Subunit I (COI) Gene. *International Journal of Science and Research*, 4(3), 1639-1642.
- SAYED, S., ALZAHRANI, O. & ALGHAMDI, A. (2016). The antibacterial activity of induced and non-induced usherhopper, *Poekilocerus bufonius* hemolymph. *Journal of Advances in Biology & Biotechnology*, 9(3), 1-6.



- ALGHAMDI, A. & SAYED S.M. (2017). Biological characteristics of indigenous *Chrysoperla carnea* (Neuroptera: Chrysopidae) fed on a natural and an alternative prey. *Asian Journal of Biology*, 2(2): 1-6.
- FAROUK, A.F., AHAMED, N.T., ALZAHRANI, O., ALGHAMDI, A. & BAHOBAIL, A.A. (2017). Inducible Antimicrobial Compounds (Halal) Production in Honey Bee Larvae (*Apis mellifera*) from Rumaida, Taif by injecting of various dead Microorganisms extracts. *Journal of Applied Biology & Biotechnology*, 5(2), 23-29.
- NOUR EL-DEEN, A.H.; DARWESH, H.Y., ALGHAMDI, A. & SAMRA, B.N. (2015). Evaluating the Pathogenicity of Nematodes Infecting Roses at Taif Governorat, KSA. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 6(2), 1562-1567.
- NOUR EL-DEEN, A.H., AL-BARTY, A.F., DARWESH, H.Y. & ALGHAMDI, A. (2016). Eco-Friendly Management of Root-Knot Nematode, *Meloidogyne incognita* Infecting Pomegranate at Taif Governorate, KSA. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 7(1), 1070-1076.
- ALGHAMDI, A. (2018). Insecticidal Effect of Four Plant Essential Oils against Two Aphid Species under Laboratory Conditions. *Journal of Applied Biology & Biotechnology*, 6(2), 27-30.
- ALGHAMDI A.S., A.H. Nour El-Deen, A.F. Al-Barty and M.M. Hassan (2018). Toxicity of Some Plant Extracts and Entomopathogenic Nematode against Pomegranate Aphid, *Aphis punicae* under Laboratory Condition. *Annual Research & Review in Biology*, 21(6), 1-6.



Research Projects

No.	Project title	Number
1	Field evaluation of indigenous predaceous insect, <i>Chrysoperla carnea</i> (Neuroptera) fitness in controlling aphid and whitefly on two vegetable crops in open field	EBPC-D-17
2	Field evaluation of two indigenous Coccinellid species, released for controlling the rose aphid, <i>Macrosiphum rosae</i> on rose plants	
3	Evaluating the pathogenicity of nematode pests infecting grapevine and their control by novel bio-methods at Taif governorate	1-438-5762
4	Estimating the infestation of pomegranate insect pests and their control at Taif governorate	1-437-5291
5	Development of eco-friendly methods for the management of nematode pests infecting pomegranate at Taif governorate	1-436-4358
6	Evaluating the pathogenicity of nematodes infecting roses and its control at Taif governorate	1-435-3636