



UM VITAE

### **Shahram Shahrokhi-Khaneghah (PhD)**

Date of birth: 1970

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### **Academic qualifications**

PhD: Science and Research Branch, Islamic Azad University of Tehran, Tehran, Iran.

MSc: Agriculture Faculty of Tehran University, Karaj, Iran.

BSc: Agriculture Faculty of Orumiyeh University, Orumiyeh, Iran.

### **Research interests**

Biological control of aphids using Braconid parasitoids /  
Conservation of natural enemies

## Selected research projects

Population fluctuation and efficiency of dominant species of wheat aphid parasitoids

Side effects of common used insecticides against aphids on life table and behavior of aphid parasitoids, *Diaeretiella rapae*

Identification of cotton aphid parasitoids and evaluation of their efficiency

Biological control of cotton and melon aphid, *Aphis gossypii* with aphid parasitoid, *Aphidius colemani* using banker plants in cucumber greenhouses

## Selected publications

Journals papers:

Shahrokhi, S. and Amir-Maafi, M. 2011. Binomial sampling plan of *Metopolophium dirhodum* in irrigated wheat fields. Applied Entomology and Phytopathology, 79(1): 117-134.

Shahrokhi, S. and Amir-Maafi, M. 2011. Sequential sampling plan of *Metopolophium dirhodum* (Walker) (Hemiptera: Aphididae) in wheat fields. Journal of Entomological Society of Iran, 31(1): 69-82.

Shahrokhi, S. and Amir-Maafi, M. 2013. Biology of apterous morph of rose-grain aphid, *Metopolophium dirhodum* (Hem.: Aphididae) on wheat in laboratory condition. Applied Entomology and Phytopathology, 81(1): 43-50.

Shahrokhi, S., Shojai, M., Rezvani, A., Ostovan, H. and Abdollahi, G. 2004. Population fluctuation and structure of wheat aphids in Varamin region, Iran. Science and Research Branch, Islamic Azad University of Tehran Pub., Journal of Agricultural Science 10 (1): 3-20.

Shahrokhi, S., Shojai, M. and Rezvani, A. 2009. Study on population increase parameters of greenbug, *Schizaphis*

*graminum* (Hem.: Aphididae), on common wheat varieties in Varamin region, Iran. Journal of Entomological Society of Iran, 29(2): 45-64.

Bagheri Matin, S., Shahrokhi, S. and Sary, P. 2010. Report of *Praon gallicum* (Hym.: Braconidae, Aphidiinae) from Iran. Applied Entomology and Phytopathology 78(1): 127-128.

Moosavian , S.S., Shojai, M. and Shahrokhi, S. 2010. Comparison of flight ability of *Trichogramma brassicae* (Hym.: Trichogrammatidae) at different generations. Applied Entomology and Phytopathology 78(1): 107-112.

Sary, P.; Remaudiere, G.; Gonzales, D. and Shahrokhi, S. 2000. A review and host associations of aphid parasitoids (Hym., Braconidae, Aphidiidae) of Iran. Parasitica, 56 (1): 15-41.

Tofangsazi, N., Kheradmand, K., Shahrokhi, S. and Talebi, A. A. 2010. Life table parameters of *Schizaphis graminum* (Rondani) (Hemiptera: Aphididae) on six different barley cultivars. Archives of Phytopathology and Plant Protection, 44(5): 484-492.

Tofangsazi, N., Kheradmand, K., Shahrokhi, S. and Talebi, A. A. 2010. Temperature dependent life history of *Schizaphis graminum* (Hemiptera: Aphididae) on barley. Bulletin of Insectology 63 (1): 79-84.

#### Conference papers:

Shahrokhi, S. 2005. Parasitoids and aphid-specific predators of wheat aphids in Varamin, Iran. Proceedings of the 57th International Symposium on Crop Protection (ISCP), Ghent, Belgium, May 10.2005.

Shahrokhi, S., Esmaili, M., Kharrazi, A. and Rajabi, G. 1988. Rearing of *Graphosoma lineatum* on different diets. 13<sup>th</sup> Iranian Plant Protection Congress, August 23-27, Karaj. P.24.

Shahrokhi, S., Esmaili, M., Kharrazi, A. and Rajabi, G. 2002. Study on the possibility of long-term conservation of *Graphosoma*

*lineatum* eggs using dimethyl solfoxide. 15th Iranian Plant Protection Congress, September 6-10, Karaj. P.11.

Shahrokhi, S., Shojai, M., Rezvani, A., Ostovan, H. and Abdollahi, G. 2004. Biological characteristics and life table parameters of *Aphidius matricariae* Haliday (Hym., Aphidiidae) in comparison to its host aphid, *Schizaphis graminum* (Rondani). 16th Iranian Plant Protection Congress, August 28 –September 1, Tabriz University.

Shahrokhi, S., Shojai, M., Rezvani, A., Ostovan, H. and Abdollahi, G. 2004. Biology of four wheat aphids on Mahdavi wheat cultivar. 16<sup>th</sup> Iranian Plant Protection Congress, August 28 –September 1, Tabriz University. P.359.

Shahrokhi, S., Shojai, M., Rezvani, A., Ostovan, H. and Abdollahi, G. 2004. Introduction of wheat aphids and their parasitoids in Varamin, Iran. 16<sup>th</sup> Iranian Plant Protection Congress, August 28 – September 1, Tabriz University. P.52.

Shahrokhi, S. and Amir-Maafi, M. 2010. Spatial distribution and sequential sampling plan of *Metopolophium dirhodum* (Walker) (Hemiptera: Aphididae) in wheat fields. 19<sup>th</sup> Iranian Plant Protection Congress, August 31- September 3, Tehran, p.207.

Karami, L., Shahrokhi, S. and Rezapanah, M. 2010. Life table parameters of *Rhopalosiphum padi* (L.) (Hemiptera: Aphididae) on different barley cultivars. P.175. 9th European Congress of Entomology, August 22-27, 2010, Budapest, Hungary.

Khosravian, M., Kheradmand, K., Shahrokhi, S. and Rezapanah, M. 2010. Side effect of four insecticides on demographic parameters of the aphid parasitoid, *Diaeretiella rapae* (M'Intosh) (Hym.: Braconidae). P.222. 9th European Congress of Entomology, August 22-27, 2010, Budapest, Hungary.

Dashti, H., Shahrokhi, S. and Zarrabi, M. 2010. Host stage preference and functional response of *Diaeretiella rapa* on greenbug, *Schizaphis graminum*. 19<sup>th</sup> Iranian Plant Protection Congress, August 31- September 3, Tehran, p.6.

Karami, L., Shahrokhi, S., Rezapanah, M. and Shojai, M. 2010. Effect of temperature on biological characteristics of

*Rhopalosiphum padi*. 19<sup>th</sup> Iranian Plant Protection Congress, August 31- September 3, Tehran, p.622.

### **Thesis supervised**

Tofangsazi, N. 2009. Study of some biological characters of greenbug, *Schizaphis graminum* (Rondani) on different varieties of barley at different temperatures. M.Sc. Student of Tehran University.

Dashti, H. 2010. Side effects of common insecticides used against aphids on foraging behaviour of *Diaeretiella rapae*. M.Sc. Student of Tehran University.

Khosravian, M. 2011. Side effect of four insecticides on demographic statistics of aphid parasitoid, *Diaeretiella rapae* (McIntosh) (Hym., Braconidae). M.Sc. Student of Tehran University.

Khodabandeh, H. 2009. Biology of greenbug, *Schizaphis graminum* (Rondani) (Homoptera: Aphididae) on broom corn, *Sorghum cernuum* in Miyaneh region. M.Sc. Student of Science and Research Branch, Islamic Azad University of Tehran.

Hoseini, B.H. 2011. Effect of essential oil from *Eucalyptus camaldulensis* and *Laurus nobilis* against cabbage aphid, *Brevicoryne brassicae*. M.Sc. Student of Science and Research Branch, Islamic Azad University of Tehran.

Afshin, B. 2012. Life table and functional response of *Diaeretiella rapae* (McIntosh) on *Schizaphis graminum* (Rondani) in laboratory condition. M.Sc. Student of Science and Research Branch, Islamic Azad University of Tehran.