



## CURRICULUM VITAE

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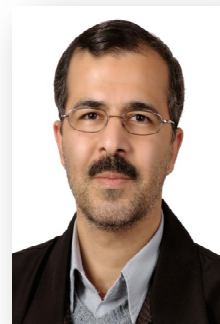
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### Academic qualifications

**MSc:** Agricultural Entomology, Tarbiat Modares University, Tehran, 1996

**BSc:** Plant Protection, Tehran University, Karaj, 1992

**PhD:** Agricultural Entomology, Science & Research Branch, Islamic Azad University, Tehran, 2002

### Research interests:

Biological control of agricultural pests /Parasitoids/ especially *Trichogramma* and *Bracon* (*Habrobracon*)

### Selected research projects:

- Determination of the most effective strain of *Trichogramma* spp. For biological control of cotton bollworm
- Identification and distribution of natural enemies of olive pests in Gorgan and Gonbad regions, Iran
- Measuring of egg parasitism and host preference of active species and ecotypes of *Trichogramma* wasps on bollworm eggs.
- Study, collection and identification of *Trichogramma* species and their hosts in southern provinces of Iran

-Investigation on the effect of temperature on the oviposition activity of *Trichogramma* spp.

-Investigation on flight activity of *Trichogramma brassicae* in different generation and temperature of rearing

## **Selected publications:**

### **Journals papers**

-**Attaran, M.R.**, Shojai, M. and Ebrahimi, E. 2003. Comparison of Reproductive Properties of Natural and Laboratory Reared *Trichogramma brassicae* (Hym., Trichogrammatidae). J. Agricultural Sciences. 9(3): 1-9

-**Attaran, M.R.**, Shojai, M. and Ebrahimi, E. 2004. Comparison of some quality parameters of *Trichogramma brassicae* (Hym., Trichogrammatidae). J. Entomological Society of Iran 24(1):29-47.

-**Attaran, M.R.** 2009. Investigation on Flight Activity of *Trichogramma brassicae* Bezd. (Hym., Trichogrammatidae) at Different Generations and Temperatures of Rearing. J. Entomological Research 1(3): 229-237

-Mossavian, S., **Attaran, M.R.**, 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.

-Fathipour, Y., Haghani, M., **Attaran, M.R.**, Talebi, A.A. and Moharramipour, S. 2003. Functional Response of *Trichogramma embryophagum* Hym., Trichogrammatidae) on Two Laboratory Hosts. J. Entomological Society of Iran. 23(1)41-54.

-Akbari, F., Askarianzadeh, A., **Attaran, M.R.** and Zamani, A. 2011. The Effect of Temperature on Parasitism of Three Species of *Trichogramma pintoii*, *T. brassicae* and *T. embryophagum* (Hym., Trichogrammatidae) on *Plutella xylostella* (Lep., Plutellidae) in Laboratory Condition. J. Plant Protection 34(1):13- 23.

-Fathipour, Y., Dadpour Moghanloo, H. and **Attaran, M.R.** 2002. The effect of the Type of Laboratory Host on Functional Response of *Trichogramma pintoii* (Hym., Trichogrammatidae). J. Agric. Sci. Natur. Resour. 9(3) 109-118.

-Farrokhi, S., Shirazi, J. and **Attaran, M.R.** 2013. Wolbachia effect on olfactory responses and parasitism rate of *Trichogramma brassicae* in laboratory conditions. Biocontrol in Plant Protection. 1 (1): 65-78.

### **Conference papers:**

-**Attaran, M.R.**, Shojaie, M., and Ebrahimi, E. 2000. Effects of host and feeding on the longevity and the number of egg laid by *Trichogramma brassicae* Bezd. (Hym.,

Trichogrammatidae). Proceeding of 14th Iranian Plant Protection congress, September 2000.

-Dadpour, H., Fathipour; Y., **Attaran, M.R.** and Haghani, M. 2002. Determination and comparison of stable population parameters of *Trichogramma pinto* Voegelé on *Sitotroga cerealella* Oliv. and *Ephestia kuhniella* Zell. in vitro. Proceeding of 15th Iranian Plant Protection Congress, September 2002.

-Dadpour, H., Fathipour; Y., **Attaran, M.R.** and Talebi, A.A. 2002. The biology of *Trichogramma pinto* Voegelé on on laboratory hosts in laboratory condition. Proceeding of 15th Iranian Plant Protection Congress, September 2002.

-Dadpour, H., Fathipour; Y., **Attaran, M.R.**, Talebi, A.A. and Moharramipour, S. 2002. Determination and comparison of life table and reproduction parameters of *Trichogramma pinto* Voegelé on laboratory hosts. Proceeding of 15th Iranian Plant Protection Congress, September 2002.

-Dadpour, H., Fathipour; Y., Haghani, M. and **Attaran, M.R.** 2002. The effects of different densities of *Trichogramma pinto* Voegelé and *T.embryophagum* Hartig on their searching efficiency. Proceeding of 15th Iranian Plant Protection Congress, September 2002.

-Fathipour, Y., Dadpour, H., and **Attaran, M.R.** 2002. The effect of the type of laboratory host on functional response of *Trichogramma pinto* Voegelé (Hym., Trichogrammatidae). J.Agric. Sci. Nature. Resour. 9(3), 109-118.

-Fathipour, Y., Haghani, M., **Attaran, M.R.**, Talebi A.A., and moharramipour, S. 2003. Functional response of *Trichogramma embryophagum* (Hym., Trichogrammatidae) on two laboratory hosts. J. Entomological Society of Iran. 23(1)41-54.

-Haghani, M., Fathipour; Y., **Attaran, M.R.** and Dadpour, H. 2002. Biology of *Trichogramma embryophagum* Hartig on *Sitotroga cerealella* Oliv. and *Ephestia kuhniella* Zell. in laboratory condiyion. Proceeding of 15th Iranian Plant Protection Congress, September 2002.

-Najafi Navai, I., Taghizadeh, M., Javanmoghadam, H., Oskoo, T., and **Attaran, M.R.** 2002. Efficiency of parasitoid wasps *Trichogramma pinto* and *Habrobracon hebetor* against *Ostrinia nubilalis* and *Helicoverpa* sp. on maize in Moghan. Proceeding of 15th Iranian Plant Protection Congress, September 2002.

-Vafaei, R., Ostovan, H., and **Attaran, M.R.** 2002. Biology of straw itch mite, *Pyemotes tritici* (Acari, Pyemotidae). Proceeding of 15th Iranian Plant Protection Congress, September 2002.

-Hasani Moghaddam, M., saeb, H., Najafi navai I. and **Attaran M.R.** 2004. To determine the economic control index for rice stem borer (*Chilo suppressalis* ) with two control methods (Chemical and biological). 16th Iranian plant protection congress, September 2004.

-Shirazi, J., Taghizadeh, M., Dadpour, H., **Attaran, M.R.** and Zand, S. 2010. Investigation on the parasitism level of *Ostrinia nubilalis* (Hub.) eggs related to different densities of released *Trichogramma brassicae* Bezd. in corn. The 19th Iranian Plant Protection Congress. July 31-Aug 3, Tehran, Iran, pp 68.

-Pezeshk, R, Shirazi, J. **Attaran, MR.** and Shojaee, M 2010. A study on the searching efficiency of *Trichogramma brassicae* Bezd. at three thermal regimes. The 19th Iranian Plant Protection Congress. July 31-Aug 3, Tehran, Iran, pp 43.

-Shirazi, J., **Attaran, MR.**, Hadaegh, M., Ansari, N. and Dadpour, H. 2008. The effect of temperature on the fertility life table parameters of different *Trichogramma brassicae* populations. The 18th Iranian Plant Protection Congress, Aug. 24-28, Hamedan, Iran. pp 410.

### **Books:**

**Attaran, M.R.** 2004. Fossils . Manshore vahye publication. 96pp.

### **Theses supervised:**

-Study of application of *Trichogramma* wasps in biological control of Diamondback moth *Plutella xylostella* (L.)(Lep., Plutellidae).

-Investigation on sublethal effects of Indoxacarb and Thiodicarb on the life table parameters of *Habrobracon hebetor* Say. (Hym., Braconidae)

### **Other achievements:**

-Head of Laboratory of Biological Control of Agricultural Research Centre of Gorgan and Gonbad, 1994 – 1998.

-Deputy of Biological Control Research Department of IRIPP, 1999- 2001 and 2002-2003.