



CURRICULUM VITAE

Elham Ahmadi (PhD)

Iranian Research Institute of Plant Protection (IRIPP)

Research Department of Agricultural Zoology

Agricultural Zoology Museum

P.O. Box 1454, Tehran 19395, Iran

Tel: +98 2122403012-16

Fax: +98 212240 2570

E-mail: e1_ahmadi@yahoo.com

URL: www.iripp.ir



Academic qualifications

PhD: Sciences Faculty, Islamic Azad University, Tehran, Iran.

MSc: Sciences Faculty, Islamic Azad University, Tehran, Iran.

BSc: Sciences Faculty, Shahid Beheshti University, Tehran, Iran

Research interests

1. Taxonomy of molluscs through morphometric characteristics
2. Identification of freshwater and land molluscs
3. Diversity, behaviour, distribution and control of land snails and slugs in greenhouses and fields
4. Alcohol-preserved collection of molluscs
5. Database of specimens molluscs

Selected research projects

-Identification of *Nesokia indica* (Gray, 1832) subspecies and its distribution in different parts of Iran.

-Ecobiological studies of *Cricetulus migratorius* (Pall.) in Tehran province.

-Biological study of *Helicella candeharica*.

-Biological study of *Lehmannia valentiana* and its role on greenhouse plant hosts.

-Identification of rice snails fauna and their importance in Guilan, Mazandaran and Farce provinces.

-Investigating of various control methods and estimating economic injury level of slugs pest on lettuce in Mazandaran province.

-The evaluation on effectiveness of non- chemical control methods of snails and slugs in citrus orchards on Guilan and Mazandaran provinces

-Study on population abundance and rate of damages caused by *Caucasotachea lencoranea* (Mouss) in citrus orchards (Mandarin orange) of Mazandaran province

-An investigation on effectiveness of activated Copper barrier against *Caucasotachea lencoranea*(Mouss.) in citrus orchards of Mazandaran and Tehran provinces.

-An investigation on effectiveness of Iron phosphate against *Agriolimax agrestis* L. in ornamental plant greenhouses of Guilan , Mazandaran and Tehran provinces.

-An investigation on effectiveness of Iron phosphate against *Agriolimax agrestis* in lettuce fields of Mazandaran and Tehran provinces.

-Complementary investigation of bioecology of slug *Parmacella iberica* Eichw. and estimating of its damage in citrus orchards on Mazandaran province

-Population study of snails on citrus orchards in Mazandaran province

- Faunal study of Mollusca of the 1st, 2nd, and 3rd Agricultural Region of Iran.

-Faunal study of Mollusca within Sorkhehesar and Khojir National Parks and their natural enemies.

-Investigation on effectiveness of tobacco fragments against slug *Parmacella iberica*, one of the important pests in Guilan province, comparing with metaldehyde baits and carbaryl (Sevin)

-Evaluation of the efficacy of the EC (Emulsion Concentrated) formulation of azadirachtin prepared in Iranian research institute of plant protection comparison with some molluscicides to control slugs in greenhouses of ornamental flowers.

Selected publications

Journal papers:

-Mansorian A., Vosoghi G. and Ahmadi E., 1998. Study mollusca fauna of Shahroad river. Science Journal of Tehran Univ. Vol. 26: 17-33pp.

-Ahmadi E., Vosoghi G. and Arbabi M., 1999. Bioecological study of *Cricetulus migratorius* (Pall.) In wheat and alfalf fields of Tehran province , Iranian Journal of Agricultural Scientific publication of faculty of Agriculture University of Tehran, Karaj, Vol. 30 (3): 341-354 pp.

-Ahmadi , E. and M. Arbabi, 2004. Freshwater fauna identification of paddy fields in bank river of Babol road in Mazandaran province. Journal of Agriculture Sciences and Natural Resources, Vol.11(3): 173-181pp.

-Ahmadi, E., 2004. Biology of *Lehmannia valentiana* (Ferussac, 1823) in Mahallat. Journal of Agriculture And Rural Development. Vol. 6(1): 1-7pp.

-Ahmadi , E., 2004. Freshwater snails of Parishan lake and related paddy fields in Fars province of Iran. Environmental Sciences. Vol. 1(4): 57-64pp.

-Ahmadi, E. and M. Hasani Moghaddam, 2005. Study of control methods and economic injury level of slugs pest on lettuce in Mazandaran province. Journal of Agriculture And Rural Development. Vol. 7(1): 1-7pp.

-Ahmadi, E., 2005. Study on rate of damage caused by *Caucasotachea lencoranea* (Mouss.) in Mazandaran province. Journal of Agriculture And Rural Development. Vol. 7(2): 1-7pp.

-Ahmadi, E., 2005. A faunal study on snails and slugs on canola as a second cropping in paddy fields in Guilan and Mazandaran provinces. Agricultural Sciences. Vol. 1(5): 69-82pp.

- Ahmadi, E., 2006. Study on snails and slugs fauna of weeds paddy fields in north part of Iran. Proceedings of the 1st Iranian weed Science congress (25-26 January 2006) Tehran, Iran, 643-647pp.

-Ahmadi, E., 2006. First report of damages caused by *Helicella candeharica* (L., 1846) on olive seedlings and their collection from different weed species.Proceedings of the 1st Iranian weed Science congress (25-26 January 2006) Tehran, Iran, 648-650pp.

-Ahmadi, E., 2007. An investigation on effectiveness of Iron phosphate against *Agriolimax agrestis* (Linne, 1758) in ornamental plants greenhouse of Guilan, Mazandaran and Tehran provinces. Iranian Journal of Dynamic Agriculture. 6(3): 315-322.

- Ahmadi, E. and M.F. Halajisani, 2007. An investigation on effectiveness of Copper barrier against *Caucasotachea leucoranea* (Mouss.) in citrus orchards of Mazandaran and Tehran provinces. Journal of Pajouhesh-va-Sazandegi, 20(3): 97-102 .
- Ahmadi, E., 2009. An investigation on effectiveness of iron phosphate against *Deroceras agreste* in lettuce fields of Mazandaran and Tehran provinces, Plant Protection Journal. 1(4): 419- 428.
- Ahmadi, E., 2009. Integrated snails and slugs management in agriculture. Journal of Science and Technology, 113: 48-51pp.
- Ahmadi , E. , 2009. Traps, New method for controlling damages snails and slugs exist in Crop' s Greenhouses. Journal of Science and Technology, 119: 55-58pp.
- Ahmadi, E., 2009. The new non-chemical methods for control agricultural damages snails and slugs. Journal of Science and Technology, 120:64-67pp.
- Ahmadi, E., 2010. Irrigation management, good strategy for the control of damages slugs in greenhouses. Journal of Science and Technology, 133: 76-79pp.
- Ahmadi, E., 2011. Damage caused by *Helicella candeharica* (L., 1846) on olive seedlings in Tarom-e Roodbar, north of Iran. Journal of Field Crop Entomology, 1 (1): 31-39pp.
- Ahmadi, E., 2011. Identification of snails in citrus orchards in Mazandaran province, Iran. Journal of Field Crop Entomology, 1 (2): 57-65pp.
- Ahmadi, E. and M.F. Halajisani, 2011. A study on biology of *Parmacella ibera* and its damage assessment in citrus orchards of Mazandaran province. Plant Protection Journal, 2 (3): 185-197pp.
- Ahmadi, E., 2011. Evaluation of the different irrigation time on *Agriolimax agrestis* damage in lettuce fields of Tehran province. Journal of Research in Agricultural Science. 7 (2): 125-133pp.
- Ahmadi, E. and M. Tabari, 2013. The first report damage of *Succinea putris* L. (Mollusca:Pulmonata: Succineidae) from Mazandaran rice nurseries, Journal of Plant Protection, Vol. 26(4): 489-492pp.
- Ektefa, Z., Ahmadi E. and F. Shamohammadi, 2013. Identification Snails of Dez River in Khuzestan Province and Introduction Two New Records from Iran. Journal of Experimental Animal Biology, Vol. 2(3): 51-62.
- Ahmadi, E., 2014. Snails of orchards and farms in West Azerbaijan Province, Iran. Iranian Journal of Animal Biosystematics, Vol.10(2): 195-203pp.

Conference papers:

-Ahmadi, E., 1997. Biological studies of *Agriolimax agrestis*(L.) in Mazandaran province. In Proc. Of First Iranian congress of Zoology (17-18 September) Tehran, University of Teacher Education, p.64.

-Ahmadi, E., 1998. Study and identification of Molluscs in paddy fields of Isfahan province. The 7th th Iranian Biology conference university of Isfahan Department of Biology, Iran, Isfahan. P 203.

-Ahmadi, E., 1998. Biological studies of *Arion ater* (Linnaeus) in western Mazandaran province. The 7th Iranian Biology conference university of Isfahan Department of Biology, Iran, Isfahan. P. 202.

-Ahmadi, E., 1998. Biological studies of *Cricetulus migratorius* (Pall.,1773) in Tehran province. Proceeding of the 13th Iranian Plant Protection Congress (August 1998) Karaj, Iran. Vol. I, p.1.

-Ahmadi, E., 1998. Identification of *Nesokia indica* (Gray, 1832) subspecies and its distribution in different parts of Iran. Proceeding of the 13th Iranian plant protection congress(23-27 August 1998)Karaj, Iran. Vol.I, p. 191.

-Nazari, F. and E. Ahmadi 1998. An investigation on *caucasotachea lencoranea* (Mouss) in north part of Iran. Proceeding of the 13th Iranian plant protection congress (23-27 August 1998) Karaj, Iran. Vol.I, p. 169.

-Nazari, F. and E. Ahmadi 1998. Key to the genera and species of the slugs in north of Iran. . Proceeding of the 13th Iranian plant protection congress (23-27 August 1998) Karaj, Iran. Vol.I,p. 252.

-Ahmadi, E., 1999. Study molluscs fauna in paddy fields of Babolroud in Mazandran province. The 8th Iranian Biology conference. P. 19.

-Ahmadi, E., 1999. The effect of calcium on freshwater snails: *Lymnaea stagnalis* (Linne,1754), *Lymnaea peregra* (Muller,1774) and *Lymnaea truncatula* (Muller, 1774). The 8th Iranian Biology conference. P. 20.

-Ahmadi, E., and M. Arbabi, 2002. Laboratory feeding studies of *Lymnaea gedrosiana* on different host plants of paddy fields. 15th Iranian plant protection congress September. Vol. I. P.25.

-Ahmadi, E., 2002. Bioecological study of *Lehmannia valentiana* and its role on greenhouse plant hosts. 15th Iranian plant protection congress September. Vol. I. P. 134.

-Ahmadi, E. and N. Amoli, 2004. Evaluation on different slugs control methods caused the damages on the lettuce in Mazandaran provice. 3th National Conference on the development in the Application of Biological Products & Optimum Utilization of Chemical Fertilizers & Pesticides in Agriculture. Bureau of Educational Technology Services Agricultural Education Publication Unit. P 666.

-Ahmadi, E., 2006. An investigation on effectiveness of Iron phosphate against *Agriolimax agrestis* (Linne, 1758) in ornamental plants greenhouse of Guilan, Mazandaran and Tehran provinces. Proceeding of the 17th Iranian plant protection congress (2-5 September 2006) Karaj, Iran. Vol. I, p. 411.

-Ahmadi, E., 2006. An investigation on effectiveness of Copper barrier against *Caucasotachea lencoranea* (Mouss.) in citrus orchards of Mazandaran and Tehran provinces. Proceeding of the 17th Iranian plant protection congress (2-5 September 2006) Karaj, Iran. Vol. I, p. 412.

-Halajisani, M.F., E. Ahmadi, B. Golein and R. Fifae, 2006. Investigation of the best control method of slug *Parmacella ibera* Eichw. in citrus orchards in Mazandaran province. Proceeding of the 17th Iranian plant protection congress (2-5 September 2006) Karaj, Iran. Vol. I, p. 410.

-Ahmadi, E., 2012. A new record of two damaging subspecies of *Pomacea bridgesii* (Reeve, 1856) from Iran. 20th Iranian Plant Protection Congress (26-29 August) Shiraz, Iran, p.232.

-Ahmadi, E. and M. tabari, 2012. Report of *Succinea putris* (Family: Succinidae), an injurious snail from rice nurseries in Mazandaran province. 20th Iranian Plant Protection Congress (26-29 August) Shiraz, Iran, p.233.

-Ahmadi, E. and S. Javadi, 2012. Faunistic study of snails in citrus trees and their weeds in Mazandaran province. 20th Iranian Plant Protection Congress (26-29 August) Shiraz, Iran, p.234.

-Ahmadi, E. and S. Javadi, 2012. Study on the biology and population fluctuations of *Agriolimax agrestis* (Linne, 1758) in citrus orchards within the west of Mazandaran province. 20th Iranian Plant Protection Congress (26-29 August) Shiraz, Iran, p.235.

-Ahmadi, E., 2012. Faunistic study of snails in apple orchards in west Azarbaijan province, Iran. National conference on Modern Biological Sciences and Technologies, 1-7pp.

-Ahmadi, E., 2012. A Study on diversity and population changes of Lymnaeidae snails in Dez river in Khuzestan province. National conference on Modern Biological Sciences and Technologies, 8-14pp.

-Ahmadi, E., 2012. Evaluation on effectiveness of neems in comparison with other control methods of *Deroceras agreste* (Linne, 1758) (Stylommatophora: Agriolimacidae) in citrus orchards of Mazandaran province. First nation conference on policies toward sustainable development. 30-36pp.

-Ahmadi, E., 2012. Biodiversity of snails in agricultural and horticultural ecosystems in east Azabayejan province, Iran. First nation conference on policies toward sustainable development. 37-43pp.

-Ahmadi, E., 2013. Faunistic study of snails in Mazandaran province. The 2nd Biology Conference of Payam Noor University. 1-6pp.

-Ahmadi, E., 2013. Study on the biology of *Agriolimax agrestis* (Linne, 1758) in citrus orchards within the west of Mazandaran province. The 2nd Biology Conference of Payam Noor University. 7-13pp.

-Ahmadi, E., 2013. Faunistic study of snails in Dez river of Khuzestan province. The 2nd Biology Conference of Payam Noor University. 14-20pp.

-Ahmadi, E., 2013. Comparative effectiveness of different trapping techniques for sampling of damages slugs in agriculture. The 2nd Biology Conference of Payam Noor University. 21-27pp.

-Ahmadi, E., 2014. The first report of two new harmful snail species in ornamental flower Mahalat greenhouses. The 1st national ornamental plants congress, 1-4pp. The 1st national ornamental plants congress, 1-4pp.

-Ahmadi, E., 2014. Study of slugs fauna damages to the ornamental plants in Tehran province greenhouses. The 1st national ornamental plants congress, 1-4pp. The 1st national ornamental plants congress, 5-9pp.

Books:

- Ahmadi E., 1997. Molluscs importance in agriculture of Iran. An extension articles, Ministry of Agric. IRI, Pub., 38pp.

- Ahmadi E., 2006. White garden snail and different control methods. An extension articles, Ministry of Agric. IRI, Pub., 44pp.

Software and E-publications:

Thesis supervised

- Ektefa, Z. (2013). Investigation on biodiversity molluscs of Dez river in Khozestan province. Supervisor: E. Ahmadi, Advisor: F. Shahmohammadi. Master of Science in Zoology (Biosystematics). Payam-e Noor University, East Tehran branch.

- Azaregar, M. (2014). Investigation on biodiversity molluscs of Roudan river in Hormozgan province. Supervisor: E. Ahmadi, Advisor: F. Ebrahimi. Master of Science in Zoology (Biosystematics). Payam-e Noor University, Qeshm branch.

- Ranjnoosh, B. (2015). Investigation on biodiversity molluscs of Jajrood river in Hormozgan province. Supervisor: E. Ahmadi, Advisor: M. Mofidi. Master of Science in Zoology (Biosystematics). Payam-e Noor University, East Tehran branch.

- Seiyedi, M. (2015). The effect of American berry extract (*Maclura pomifera* (Raf.) Schneid) on candehari snails (*Helicella candeharica* (L. Pfr)), harmful slugs and stored beetles, Supervisor: B. Amiri, Advisor: E. Ahmadi. Master of Science in Agriculture. Sari Agricultural Sciences and Natural Resources University.