

CURRICULUM VITAE



Dr Shahab Manzari

Associate Professor in Systematics

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Date of birth: 16 September 1965

Nationality: Iranian

Marital status: Married

QUALIFICATIONS

- 1992, B.Sc. in Plant Protection, Agricultural College, University of Tehran, Karaj, Iran.
- 1996, M.Sc. in Agricultural Entomology, Agricultural College, Urmia University, Urmia, Iran.
Thesis: Histopathology and study of MbNPV effect on the different larval instars of beet armyworm, *Spodoptera exigua* Hb. (Lep., Noctuidae), in laboratory conditions.
- 2003, Ph.D. in Insect Taxonomy (molecular and morphological phylogenetics), Imperial College of Science, Technology and Medicine, University of London, UK.
Thesis: Systematics of aleyrodine whiteflies (Hemiptera: Aleyrodidae), and their parasitoids belonging to the *inaron* and *luteola* groups of *Encarsia* (Hymenoptera: Aphelinidae).
- 2003, D.I.C. (Diploma of Imperial College).

RESEARCH INTERESTS

- Molecular systematics, phylogenetics and morphometrics, especially of whiteflies (Hemiptera: Aleyrodidae) and their hymenopterous parasitoids.
- Taxonomy of Aleyrodidae, Psylloidea (Hemiptera: Sternorrhyncha), and Thysanoptera.

EXPERIENCE

- Researcher in the Hayk Mirzayans Insect Museum (HMIM), Insect Taxonomy Research Department (ITRD), Iranian Research Institute of Plant Protection (IRIPP), Tehran (since 1997).
- Responsible for the Laboratory of Hemiptera and Thysanoptera, ITRD, IRIPP (April 2004 - December 2004) (December 2013 - June 2017).

- Deputy of Insect Taxonomy Research Department, IRIPP (December 2004 - December 2008).
- Member of Information Technology Committee, Iranian Research Institute of Plant Protection (January 2005 - October 2008).
- Member of Publication Committee, Iranian Research Institute of Plant Protection (August 2008 - December 2013).
- Head of Insect Taxonomy Research Department, IRIPP (December 2008 - December 2013) (since June 2017).
- Member of Monitoring and Evaluation Committee, Iranian Research Institute of Plant Protection (August 2009 - March 2012).
- Member of Scientific-Technical Committee, Iranian Research Institute of Plant Protection (June 2010 - June 2016) (since July 2017).
- Consultant of the president of Iranian Research Institute of Plant Protection in "genetic resources and biodiversity management" (since July 2022).

Teaching/training:

- Teaching assistant in the Department of Plant Protection, Agricultural College, Urmia University, Urmia, Iran (1992 - 1997).
- Teaching in the Department of Plant Protection, Agricultural College, Zabol University, Zabol, Iran (February 2004 - September 2005).
- Teaching in the Department of Plant Protection, College of Agriculture, University of Tabriz, Tabriz, Iran (October 2004 - February 2008).
- Training course on Molecular Biology, Iranian Research Institute of Plant Protection, Tehran, Iran (18-21 February 2007).
- Teaching in the Department of Entomology, Faculty of Agriculture and Natural Resources, Islamic Azad University of Arak, Arak, Iran (February 2009 - September 2011).
- Teaching in the Department of Entomology, College of Agriculture, Tarbiat Modares University, Tehran, Iran (February 2012 - February 2013).
- Teaching in the Department of Plant Protection, Faculty of Agriculture, Bu-Ali Sina University, Hamedan, Iran (February 2015 - July 2015).
- Teaching in the School of Biology, College of Science, University of Tehran, Tehran, Iran (February 2018 - July 2018).

Theses supervised/advised or under supervision/advising:

- Ph.D. Theses:

1. Advisor of Ph.D. thesis: Morphological study and phylogenetic relationships of Aphidiinae (Hym.: Braconidae: Aphidiinae) based on 28S rDNA gene. Mr Ehsan Rakhshani, College of Agriculture, Tarbiat Modares University, Tehran, Iran (2003 - 2006).
2. Co-supervisor of Ph.D. thesis: Morphometric and molecular studies of different populations of onion thrips, *Thrips tabaci* Lindeman (Thysanoptera: Thripidae) on onion and tobacco in Iran. Mrs Lida Fekrat, Department of Plant Protection, College of Agriculture, Shahid Chamran University, Ahvaz, Iran (2007 - 2009).
3. Advisor of Ph.D. thesis: Phylogenetic study of the tribe Oxyptilini (Lepidoptera, Pterophoridae, Pterophorinae) based on the morphological characters. Mrs Helen Alipanah, School of Biology, College of Science, University of Tehran, Tehran, Iran (2007 - 2010).
4. Advisor of Ph.D. thesis: Molecular and morphological systematics of the subfamily Phasiinae (Dip.: Tachinidae) in Iran. Mr Ebrahim Gilasian, College of Agriculture, Tarbiat Modares University, Tehran, Iran (2009 - 2013).
5. Co-supervisor of Ph.D. thesis: Morphometric and molecular study of the different populations of Asian citrus psyllid, *Diaphorina citri* Kuwayama (Hemiptera: Psyllidae), in south and south

eastern parts of Iran. Mr Mohammad-Reza Lashkari, Faculty of Agricultural Science, University of Guilan, Rasht, Iran (2010 - 2013).

6. Advisor of Ph.D. thesis: Biology of beech scale, *Cryptococcus fagisuga* (Lindinger), and its biological control agents in the Kheyroud forest, Noshahr, Iran. Mrs Faezeh Firouzeh, Department of Forestry and Forest Economics, Faculty of Natural Resources, University of Tehran, Karaj, Iran (2013 - 2016).
7. Advisor of Ph.D. thesis: Faunistic study of Tarsonemoidea (Acari: Trombidiformes) associated with fruit trees and coleopteran insects in some parts of northwest of East Azerbaijan province, and evaluating their classification by using cladistics. Miss Saeideh Sadat Gheblealivand, Department of Plant Protection, College of Agriculture, University of Tabriz, Tabriz, Iran (2014 - 2017).
8. Advisor of Ph.D. thesis: Taxonomic study of the families Aeolothripidae and Melanthripidae (Insecta: Thysanoptera) based on morphological and molecular characters in Khorasan-e Shomali province. Mr Jalil Alavi, Faculty of Agriculture, Ferdowsi University of Mashhad, Mashhad, Iran (2014 - 2017).
9. Co-supervisor of Ph.D. thesis: Morphological and molecular identification of the family Aphelinidae (Hym.: Chalcidoidea) in the southern part of the Caspian sea. Miss Nasrin Shahbazvar, Faculty of Agricultural Science, University of Guilan, Rasht, Iran (2016 - 2019).
10. Co-supervisor of Ph.D. thesis: Taxonomic study of the tribe Lithosiini (Lep.: Noctuoidea: Erebiidae: Arctiinae) based on morphological and molecular characteristics. Mrs Maryam Afsarian, Science and Research Branch, Islamic Azad University, Tehran, Iran (2016 - Present).
11. Advisor of Ph.D. thesis: Decline causes of forest trees (*Acer monspessulanum*, *Amygdalus scoparia* and *Pistacia atlantica*) in Harat Protected Area of Yazd. Mr Morteza Mirabdollahi Shamsi, Faculty of Natural Resources and Marine Sciences, Tarbiat Modares University, Noor, Iran (2017 - Present).

- M.Sc. Theses:

1. Advisor of M.Sc. thesis: Study of genetic variation in *Bemisia tabaci* (Hemiptera: Aleyrodidae) populations by PCR-RFLP molecular method on COI mtDNA in Iran. Mr Hossein Rajaei Shoorcheh, Department of Biology, Faculty of Science, Shahid Beheshti University, Tehran, Iran (2003 - 2005).
2. Advisor of M.Sc. thesis: Thysanoptera fauna and their natural enemies in Pakdasht region. Mr Shahin Pirafkan, Science and Research Branch, Islamic Azad University, Tehran, Iran (2003 - 2005).
3. Co-supervisor of M.Sc. thesis: A study of population dynamics of the Asian citrus psyllid, *Diaphorina citri* Kuwayama (Hemiptera: Psyllidae) and its natural enemies in Sarbaz region, Sistan and Baluchistan province. Mr Abdolvahid Tatogh, Agricultural College, Zabol University, Zabol, Iran (2007 - 2008).
4. Co-supervisor of M.Sc. thesis: A taxonomic study of whiteflies (Hemiptera: Aleyrodidae) in Guilan province, and evaluating the possibility of using adult characters for their identification. Miss Nasrin Shahbazvar, Faculty of Agricultural Science, University of Guilan, Rasht, Iran (2008 - 2010).
5. Supervisor of M.Sc. thesis: An investigation on the variation of geographic populations of common pistachio psylla, *Agonoscena pistaciae* Burckhardt & Lauterer, in Iran using geometric morphometric. Mr Majid Zarangi, Science and Research Branch, Islamic Azad University, Tehran, Iran (2009 - 2011).
6. Co-supervisor of M.Sc. thesis: A faunal study of jumping plant lice (Hemiptera: Psyllidae) in Khorasan-e Razavi province, and molecular study of different populations of *Cacopsylla pyri* (L.) (Hem.: Psyllidae). Mr Ahmad Zendedel-Roudi, Faculty of Agriculture, Ferdowsi University of Mashhad, Mashhad, Iran (2013 - 2015).

Theses examined:

1. External examiner for M.Sc. thesis: Identification of parasitoid wasps of *Liriomyza sativae* (Dip.: Agromyzidae) and biology of *Diglyphus isaea* (Hym.: Eulophidae) in Tehran, Iran. Ms Rahil

- Asadi Arokhloo, College of Agriculture, Tarbiat Modares University, Tehran, Iran (November 2004).
2. External examiner for M.Sc. thesis: Faunistic investigation and morphometrical comparison of the family Sphecidae (Hymenoptera) in the east of Mazandaran province, Iran. Mr Mahmoud Zargham Nezhad, Department of Biology, Faculty of Science, Shahid Beheshti University, Tehran, Iran (September 2006).
 3. External examiner for Ph.D. thesis: Morphological and molecular studies on the systematics of the thrips genus *Haplothrips* Amyot & Serville (Thysanoptera: Phlaeothripidae) in Tehran and Mazandaran provinces, Iran. Mr Kambiz Minaei, Department of Plant Protection, Campus of Agriculture and Natural Resources, University of Tehran, Karaj, Iran (July 2007).
 4. External examiner for Ph.D. thesis: Study on genetic diversity of codling moth, *Cydia pomonella* (L.) (Lep.: Tortricidae), by geometric morphometrics and molecular markers in north-west of Iran. Mr Samad Khaghaninia, Department of Plant Protection, College of Agriculture, University of Tabriz, Tabriz, Iran (October 2007).
 5. External examiner for M.Sc. thesis: Faunal study of the superfamily Pyraloidea (Insecta: Lepidoptera) in Fasa and Jahrom, Fars province, Iran. Miss Fahimeh Kouhnavard, Department of Biology, Faculty of Science, Shahid Beheshti University, Tehran, Iran (October 2008).
 6. External examiner for M.Sc. thesis: Study of genetic variation of *Bemisia tabaci* (Hemiptera: Aleyrodidae) by PCR-RFLP in west and center of Iran. Mrs Razieh Hashemi, Department of Entomology, Faculty of Agriculture and Natural Resources, Islamic Azad University of Arak, Arak, Iran (February 2009).
 7. External examiner for Ph.D. thesis: A geometric morphometric and molecular study on populations of the pod borer, *Helicoverpa armigera* (Hübner) (Lep.: Noctuidae) in north-west and Golestan provinces of Iran. Mr Nader Golmohammadzadeh-Khiaban, Department of Plant Protection, College of Agriculture, University of Tabriz, Tabriz, Iran (March 2010).
 8. External examiner for Ph.D. thesis: Taxonomy and geographical distribution of underground Amphipoda belonging to the genus *Niphargus* in Iran. Mrs Somayeh Esmaeili-Rineh, School of Biology, College of Science, University of Tehran, Tehran, Iran (June 2013).
 9. External examiner for Ph.D. thesis: Taxonomy and interpopulation variation of intertidal Amphipoda of the Iranian coasts of Persian Gulf and the Gulf of Oman. Mrs Farzaneh Momtazi, School of Biology, College of Science, University of Tehran, Tehran, Iran (September 2013).
 10. External examiner for M.Sc. thesis: Taxonomic study of the subfamily Braconinae (Hymenoptera: Braconidae) in north central Iran. Mr Mohammad Zargar, Faculty of Agriculture, Tarbiat Modares University, Tehran, Iran (September 2014).
 11. External examiner for Ph.D. thesis: Identification and species diversity of parasitoid wasps of the family Braconidae (Insecta: Hymenoptera) in Hormozgan province, Iran. Mr Ali Ameri Seyahouei, Faculty of Agriculture, Tarbiat Modares University, Tehran, Iran (November 2014).
 12. External examiner for Ph.D. thesis: Taxonomy and species diversity of field and collection specimens of the family Dolichopodidae (Dip.: Empidoidea) in some parts of northern Iran. Ms Farzaneh Kazerani, Department of Plant Protection, College of Agriculture, University of Tabriz, Tabriz, Iran (November 2015).
 13. External examiner for Ph.D. thesis: Demographic parameters and genetic structure of *Ommatissus lybicus* de Bergevin (Hem.: Tropiduchidae) in date growing areas of Iran. Mr Abdoolnabi Bagheri, Faculty of Agriculture, Tarbiat Modares University, Tehran, Iran (December 2015).
 14. External examiner for Ph.D. thesis: Freshwater leeches of Alborz region basins and a biosystematic approach to medicinal leech, *Hirudo orientalis*. Mr Kaveh Darabi Darestani, School of Biology, College of Science, University of Tehran, Tehran, Iran (August 2016).
 15. External examiner for Ph.D. thesis: Phylogeography of amphipods of the genus *Gammarus* in Alborz region basins. Mr Ahmad-Reza Katouzian, School of Biology, College of Science, University of Tehran, Tehran, Iran (August 2016).
 16. External examiner for Ph.D. thesis: Eleutherengonides mites (Acari: Prostigmata) associated with insects in Kerman and Hormozgan provinces, Iran, and the phylogenetic position of raphignathid

families based on molecular data. Mr Seyed Abdolazim Mortazavi Lahijani, Faculty of Agriculture, Tarbiat Modares University, Tehran, Iran (September 2016).

17. External examiner for Ph.D. thesis: Identification and performance of endosymbionts associated with *Hishimonus phycitis* (Hemiptera: Cicadellidae) on transmission potential of lime witches' broom disease. Mr Chamran Hemmati, Faculty of Agriculture, Tarbiat Modares University, Tehran, Iran (September 2017).
18. External examiner for Ph.D. thesis: Population genetic variation in *Hirudo orientalis* Utevsky & Trontelj, 2005 (Clitellata, Hirudinida) and the composition of its symbiotic bacteria. Mrs Elham Amoozadeh, School of Biology, College of Science, University of Tehran, Tehran, Iran (March 2021).
19. External examiner for Ph.D. thesis: Identification of prostigmatic mites (Acari: Tombidiformes) associated with arthropods in some regions of Central and Southern Iran based on morphological and molecular characters. Mr Hamid Khadem-Safdarkhani, Faculty of Agriculture, Tarbiat Modares University, Tehran, Iran (February 2023).
20. External examiner for Ph.D. thesis: Genetic diversity of the common barnacle, *Amphibalanus amphitrite* (Darwin, 1854) (Crustacea: Cirripedia) from the Persian Gulf and Gulf of Oman. Mrs Asma Moeinadini, School of Biology, College of Science, University of Tehran, Tehran, Iran (March 2023).

Other activities:

- Member of Entomological Society of Iran (since 1988).
- Editorial Board:
 - Journal of Entomology* (January 2004 - March 2007).
 - Chief-Editor, *Journal of Entomological Society of Iran* (March 2005 - February 2016).
 - Iranian Journal of Entomology* (January 2011 - November 2014).
 - Journal of Entomological Society of Iran* (February 2016 - February 2021).
 - Iranian Journal of Plant Protection Science* (July 2016 - October 2019).
 - Plant Pest Science* (since May 2023).
- Secretary and Coordinator of Scientific Committee, The 16th Iranian Plant Protection Congress, University of Tabriz, Tabriz, Iran, 28 August - 1 September 2004.
- Secretary of Entomological Society of Iran (September 2004 - May 2011).
- Subject Editor of Encyclopedia for Young People (EYP), The Children's Book Council of Iran (since October 2005).
- Member of International Whitefly Studies Network (IWSN) (since January 2006).
- Secretary and Coordinator of Scientific Committee, The 17th Iranian Plant Protection Congress, University of Tehran, Karaj, Iran, 2-5 September 2006.
- Secretary and Coordinator of Scientific Committee, The 18th Iranian Plant Protection Congress, Buali-Sina University, Hamedan, Iran, 24-27 August 2008.
- Secretary and Coordinator of Scientific Committee, The 19th Iranian Plant Protection Congress, Iranian Research Institute of Plant Protection, Tehran, Iran, 31 July - 3 August 2010.
- Member of International Advisory Committee, Global Conference on Entomology, Chiang Mai, Thailand, 5-9 March 2011.
- Member of Scientific Committee, The 20th Iranian Plant Protection Congress, Shiraz University, Shiraz, Iran, 25-28 August 2012.
- Member of Scientific Committee, The 21st Iranian Plant Protection Congress, Urmia University, Urmia, Iran, 23-26 August 2014.
- Member of the Board of Directors of Entomological Society of Iran (September 2014 - September 2020).

- Scientific Secretary, The 1st Iranian International Congress of Entomology, Iranian Research Institute of Plant Protection, Tehran, Iran, 29-31 August 2015.
- Member of Scientific Committee, The 22nd Iranian Plant Protection Congress, University of Tehran, Karaj, Iran, 27-30 August 2016.
- Member of Scientific Committee, The 2nd Iranian International Congress of Entomology, University of Tehran, Karaj, Iran, 2-4 September 2017.
- Member of Scientific Committee, The 23rd Iranian Plant Protection Congress, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, Iran, 27-30 August 2018.
- Member of Scientific Committee, Subject Editor, The 3rd Iranian International Congress of Entomology, University of Tabriz, Tabriz, Iran, 17-19 August 2019.
- The Academy of Persian Language and Literature (since December 2019).
- Member of World Convention on Biological Diversity: Iran National Focal Point for Global Taxonomy Initiative (since July 2020).
- Head of the National Group of Insect Taxonomy and Biodiversity, Entomological Society of Iran (since September 2021).
- Member of Scientific Committee, The 4th Iranian International Congress of Entomology, Razi University, Kermanshah, Iran, 18-20 September 2023.

AWARDS

- I was awarded by the Ministry of Agriculture, Islamic Republic of Iran according to my achievement the first grade in M.Sc. in 1996.
- I was awarded a scholarship by the Ministry of Agriculture, Islamic Republic of Iran according to my achievement in the Iranian National Board to pursue my graduate education leading to Ph.D. in Agricultural Entomology in 1998.
- Distinguished Researcher, The 8th National Research and Technology Week, Iranian Research Institute of Plant Protection, Tehran, Iran, December 2007.
- Distinguished Researcher, The 19th National Research and Technology Week, Agricultural Research, Education and Extension Organization, Tehran, Iran, December 2018.
- The Best Achievement Award for conservation of genetic resources, The 1st National Festival of Agricultural Genetic Resources and Natural Resources, Agricultural Research, Education and Extension Organization, Tehran, Iran, August 2021.
- Distinguished Researcher, The 22nd National Research and Technology Week, Iranian Research Institute of Plant Protection, Tehran, Iran, December 2021.

PUBLICATIONS

Books:

1. **Manzari, S.** (2006) (Ed.). Proceedings of the 17th Iranian Plant Protection Congress, Volume I, Pests. *Agricultural Education Press, Karaj, Iran*. 418 pp. + xxiv + xxviii.
2. **Manzari, S.** (2008) (Ed.). Proceedings of the 18th Iranian Plant Protection Congress, Volume I, Pests. *Asna Advertising Group*. 501 pp. + xxxiv + xxxi.
3. **Manzari, S.** (2010) (Ed.). Proceedings of the 19th Iranian Plant Protection Congress, Volume I, Pests. *Tavakkol Press*. 639 pp. + xlvi + xxxviii.
4. Mohaghegh, J.; Kharazi-Pakdel, A.; **Manzari, S.**; Pazuki, A.; Rezwani, A. & Abai, M. (2010). A glossary of Entomology (definitions of the terms and their Persian equivalents); part one: external morphology. *Entomological Society of Iran and Sabzandishan Publications*. 69 pp. + xi.
5. Mohaghegh, J.; **Manzari, S.**; Kharazi-Pakdel, A. & Pazuki, A. (2012). A glossary of Entomology (definitions of the terms and their Persian equivalents); part two: internal morphology. *Entomological Society of Iran and Sabzandishan Publications*. 79 pp. + xi.

6. **Manzari, S.**; Mohaghegh, J.; Kharazi-Pakdel, A.; Pazuki, A. & Ebrahimi, E. (2014). A glossary of Entomology (definitions of the terms and their Persian equivalents); part three: taxonomy. *Entomological Society of Iran and Sabzandishan Publications*. 77 pp. + xi.
7. **Manzari, S.** (2015) (Ed.). Proceedings of the 1st Iranian International Congress of Entomology, Part I, Abstracts. *Entomological Society of Iran*. 252 pp. + xvii + xviii.
8. **Manzari, S.** (2015) (Ed.). Proceedings of the 1st Iranian International Congress of Entomology, Part II, Papers. *Entomological Society of Iran*. 291 pp. + v + vi.
9. Mohaghegh, J.; **Manzari, S.**; Avand-Faghih, A.; Kharazi-Pakdel, A. & Pazuki, A. (2016). A glossary of Entomology (definitions of the terms and their Persian equivalents); part four: ecology and pest control. *Entomological Society of Iran and Sabzandishan Publications*. 78 pp. + xii.
10. **Manzari, S.** & Farrokhi, Sh. (2017). Management of mulberry whitefly, *Aleuroclava jasmini sensu lato* (Hem.: Aleyrodidae), in Tehran green spaces. *Iranian Research Institute of Plant Protection, Technical Publication*, Register No. 52947, 27 pp. [In Persian].
11. Mohaghegh, J.; **Manzari, S.**; Rezwani, A.; Kharazi-Pakdel, A. & Pazuki, A. (2019). A glossary of Entomology (definitions of the terms and their Persian equivalents); part five: complementary: ecology, morphology and taxonomy. *Entomological Society of Iran and Sabzandishan Publications*. 73 pp. + xii.
12. Ebrahimi, E.; Sarafrazi, A.; Serri, S.; Zahiri, R.; Alipanah, H.; Ghayourfar, R.; Gilasian, E.; Mozaffarian, F.; Moghaddam, M. & **Manzari, S.** (2020). Insect taxonomy research strategies. *Sabzandishan Publications*. 130 pp. [In Persian].
13. **Manzari, S.** & Fathipour, Y. (2021). Whiteflies. pp. 183–230. In: Omark (Ed.) Polyphagous pests of crops. *Springer*. 532 pp. + xii.
[DOI: 10.1007/978-981-15-8075-8_4](https://doi.org/10.1007/978-981-15-8075-8_4)
14. **Manzari, S.** & Farrokhi, Sh. (2021). Conservation strategies for biological control agents of mulberry whitefly in Tehran green spaces. *Iranian Research Institute of Plant Protection, Technical Publication*, Register No. 59216, 21 pp. [In Persian].
15. **Manzari, S.** (2021) (Ed.). Discovery and documentation of new insect taxa in Iranian Research Institute of Plant Protection. *Iranian Research Institute of Plant Protection*, Register No. K400-44, 94 pp. [In Persian].

Encyclopedia papers:

1. Kokabi, F. & **Manzari, S.** (2010) Horse flies. *The Encyclopedia for Young People, Volume 13*. pp. 95-96. The Children's Book Council of Iran. [In Persian].

Papers in journals:

1. **Manzari, S.** & Golmohammadzadeh-Khiaban, N. (2000). *Thrips hawaiiensis* (Morgan, 1913), a new species for the thrips fauna of Iran. *Journal of Entomological Society of Iran*, 19 (1 & 2), 107–108.
2. **Manzari, S.**; Safar-Alizadeh, M. H.; Kharazi-Pakdel, A. & Pourmirza, A. A. (2001). Histopathology and study of the MbNPV effect on different larval instars of beet armyworm, *Spodoptera exigua* Hb. (Lep., Noctuidae). *Applied Entomology and Phytopathology*, 68 (1 & 2), 85–97. [In Persian with English summary].
3. **Manzari, S.**; Polaszek, A.; Belshaw, R. & Quicke, D. L. J. (2002). Morphometric and molecular analysis of the *Encarsia inaron* species-group (Hymenoptera: Aphelinidae), parasitoids of whiteflies (Hemiptera: Aleyrodidae). *Bulletin of Entomological Research*, 92 (2), 165–175.
[DOI: 10.1079/BER2001144](https://doi.org/10.1079/BER2001144)
4. Quicke, D. L. J.; **Manzari, S.** & van Achterberg, C. (2002). The systematic placement of *Afrocampsis* van Achterberg & Quicke (Hymenoptera: Braconidae): molecular and morphological evidence indicate that it belongs to Helconinae s.l. not Sigalphinae. *Zoologische Mededelingen, Leiden*, 76 (23), 443–450.
5. Polaszek, A.; **Manzari, S.** & Quicke, D. L. J. (2004). Morphological and molecular taxonomic analysis of the *Encarsia meritoria* species-complex (Hymenoptera, Aphelinidae), parasitoids of whiteflies (Hemiptera, Aleyrodidae) of economic importance. *Zoologica Scripta*, 33 (5), 403–421.

[DOI: 10.1111/j.0300-3256.2004.00161.x](https://doi.org/10.1111/j.0300-3256.2004.00161.x)

6. **Manzari, S.** & Alemansoor, H. (2005). A new species of *Acaudaleyrodes* Takahashi (Hemiptera: Aleyrodidae) from Iran, with a key to the species of the genus. *Zootaxa*, 829, 1–6.
[DOI: 10.11646/zootaxa.829.1.1](https://doi.org/10.11646/zootaxa.829.1.1)
7. **Manzari, S.** (2005). The first report of the genus and species of the whitefly, *Aleuromarginatus tephrosiae* (Hem.: Aleyrodidae), from Iran. *Journal of Entomological Society of Iran*, 25 (1), 73–74.
8. **Manzari, S.** & Moghaddam, M. (2005). The first report of the genus and species of the whitefly, *Zaphanera cyanotis* (Hem.: Aleyrodidae), from Iran. *Journal of Entomological Society of Iran*, 25 (1), 83–84.
9. Rakhshani, E.; Talebi, A. A.; Starý, P.; **Manzari, S.** & Rezwani, A. (2005). Re-description and biocontrol information of *Pauesia antennata* (Mukerji) (Hym., Braconidae, Aphidiinae), parasitoid of *Pterochloroides persicae* (Chol.) (Hom., Aphidoidea, Lachnidae). *Journal of the Entomological Research Society*, 7 (3), 59–69.
10. Rakhshani, E.; Talebi, A. A.; Kavallieratos, N. G.; Rezwani, A.; **Manzari, S.** & Tomanović, Ž. (2005). Parasitoid complex (Hymenoptera, Braconidae, Aphidiinae) of *Aphis craccivora* Koch (Hemiptera: Aphidoidea) in Iran. *Journal of Pest Science*, 78 (4), 193–198.
[DOI: 10.1007/s10340-004-0080-3](https://doi.org/10.1007/s10340-004-0080-3)
11. Rakhshani, E.; Talebi, A. A.; **Manzari, S.**; Rezwani, A. & Rakhshani, H. (2006). An investigation on alfalfa aphids and their parasitoids in different parts of Iran, with a key to the parasitoids (Hemiptera: Aphididae; Hymenoptera: Braconidae: Aphidiinae). *Journal of Entomological Society of Iran*, 25 (2), 1–14.
12. Askarianzadeh, A. & **Manzari, S.** (2006). *Neomaskellia andropogonis* (Hem.: Aleyrodidae), a new genus and species record for Iran. *Journal of Entomological Society of Iran*, 26 (1), 13–14.
13. Rakhshani, E.; Talebi, A. A.; Starý, P.; Tomanović, Ž.; **Manzari, S.**; Kavallieratos, N. G. & Četković, A. (2006). A new species of *Aphidius* Nees, 1818 (Hymenoptera, Braconidae, Aphidiinae) attacking *Uroleucon* aphids (Homoptera, Aphididae) from Iran and Iraq. *Journal of Natural History*, 40 (32-34), 1923–1929.
[DOI: 10.1080/00222930601046451](https://doi.org/10.1080/00222930601046451)
14. **Manzari, S.** & Quicke, D. L. J. (2006). A cladistic analysis of whiteflies, subfamily Aleyrodinae (Hemiptera: Sternorrhyncha: Aleyrodidae). *Journal of Natural History*, 40 (44-46), 2423–2554.
[DOI: 10.1080/00222930601121890](https://doi.org/10.1080/00222930601121890)
15. Rakhshani, E.; Talebi, A. A.; **Manzari, S.**; Tomanović, Ž.; Starý, P. & Rezwani, A. (2007). Preliminary taxonomic study of the genus *Praon* (Hymenoptera: Braconidae: Aphidiinae) and its host associations in Iran. *Journal of Entomological Society of Iran*, 26 (2), 19–34.
16. Rakhshani, E.; Talebi, A. A.; Starý, P.; Tomanović, Ž. & **Manzari, S.** (2007). Aphid-parasitoid (Hymenoptera, Braconidae, Aphidiinae) associations on willows and poplars in Iran. *Acta Zoologica Academiae Scientiarum Hungaricae*, 53 (3), 281–292.
17. Pirafkan, Sh.; Kamali, K.; Ostovan, H. & **Manzari, S.** (2008). Thysanoptera fauna of Pakdasht region. *Journal of Agricultural Sciences*, 14 (1), 53–61. [In Persian with English summary].
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41. Moradian, R.; Abbasipour, H.; Farrokhi, S.; Shirazi, J. & **Manzari, S.** (2022). A study on the two-sex life table parameters of *Clitostethus arcuatus* on two whitefly species in the laboratory conditions. *Proceedings of the 24th Iranian Plant Protection Congress*, 323–324.

PROJECTS

1. Identification and taxonomy of the insect fauna of Iran (Aleyrodidae, Psylloidea and Thysanoptera) as a continuous national project (1997 - 2003).
2. Collecting and identifying of the insect fauna (Aleyrodidae, Psylloidea and Thysanoptera) of the Iranian islands of Persian Gulf (1998 - 2003).
3. Collecting and identifying of the insect fauna (Aleyrodidae, Psylloidea and Thysanoptera) of Golestan National Park, Golestan province, northeast of Iran (1999 - 2002).
4. An advanced survey on insect fauna of wheat and barley in Iran using Geographic Information System (GIS) (2001 - 2003).
5. Identification of the Arthropods (Aleyrodidae, Psylloidea and Thysanoptera) in the collection of Natural History Museum, Department of the Environment (2003 - 2004).
6. Faunistic and taxonomic studies on whiteflies (Hemiptera: Aleyrodidae) of the south-east provinces of Iran (2005 - 2008).
7. Faunistic and taxonomic studies on whiteflies (Hemiptera: Aleyrodidae) of the Northwest of Iran (2006 - 2013).
8. Study of the susceptibility of onion thrips, *Thrips tabaci*, to new insecticides in garlic fields (2007 - 2010).
9. The identification, classification and biodiversity survey of organisms in relation to plant protection (2007 - 2008).
10. A study on the phylogeny of the *Sternolophus* (Coleoptera: Hydrophilidae) species based on the sequences of the 18S and 28S rDNA genes (2008 - 2015).
11. A compilation of the geographic information system distribution of Asian psyllid, *Diaphorina citri* Kuwayama (Hemiptera: Psyllidae) in Iran by GIS (2010 - 2013).
12. Integrated control of *Thrips tabaci* Lindeman (Thys.: Thripidae) by *Orius albidipennis* Reuter (Hem.: Anthocoridae) in comparison with different compounds on the *Polianthes tuberosa* (Agavaceae) (2010 - 2014).
13. Genetic diversity in the leopard moth (*Zeuzera pyrina*) (2011 - 2015).
14. Faunistic study of the subfamily Catocalinae (Lep: Noctuidae) in Iran (with an emphasis on the specimens deposited at the Hayk Mirzayans Insect Museum) (2012 - 2016).
15. Identification of thrips (Insecta: Thysanoptera) available in the Hayk Mirzayans Insect Museum and preparing their data bank and checklist (2013 - 2016).
16. Faunistic and taxonomic studies on whiteflies (Hemiptera: Aleyrodidae) of Tehran, Semnan, Ghom, and some parts of Markazi and Ghazvin provinces (2016 - 2019).
17. Identification and study of the biology of mulberry whitefly, *Aleuroclava* sp. (Hem.: Aleyrodidae), as well as the identification of its natural enemies in order to control the pest in Tehran green spaces (2016 - 2019).
18. Collection and identification of the scale insects fauna (Hemiptera, Coccoidea): the north of Zagros (Azarbaijan-e Garbi, Kermanshah, Hamadan, Kordestan, Lorestan and the part of Markazi provinces) (2016 - 2020).
19. The loss assessment of onion thrips, *Thrips tabaci* (Thys. Thripidae) on five varieties and one genotype of Chiti bean (2017 - 2019).

20. Identification of jasmine whitefly *Aleuroclava jasmini* (Takahashi) parasitoids in citrus orchard and their biology and efficiency in gardenhouse conditions (2018 - 2021).
21. Technical knowledge of producing the dominant natural enemy of *Aleuroclava jasmini sensu lato* (Hem.: Aleyrodidae) in Tehran green spaces (2018 - 2021).
22. Study on population fluctuations and identification of mulberry whitefly parasitoids (Hym.: Aphelinidae) in Tehran green spaces (2019 - 2021).
23. Evaluation of the population fluctuations of the grape berry moth, *Lobesia botrana* (Lep.: Tortricidae) and identification its natural enemies in Kermanshah (2019 - Present).
24. Evaluation of a new plant extract insecticide (SERO-X® EC40%) against thrips in greenhouse (2019 - 2021).
25. Study on the biology of *Parabemisia myricae* (Hem.: Aleyrodidae) and identification of its natural enemies in order to biological control of the pest in the tea plantations of Guilan province (2021 - Present).
26. An investigation into the use of native entomopathogenic nematodes for control of western flower thrips, *Frankliniella occidentalis* in greenhouses (2021 - Present).
27. Fauna of Hemiptera in mangrove habitats of Iran (2021 - Present).
28. The identification of important pests of urban green space in Bandar Abbas, Iran (2022 - Present).
29. Complementary biological study of olive scale, *Parlatoria oleae* (Hem.: Diaspididae) and identification of its natural enemies in Tarom county, Zanjan province (2022 - Present).
30. Determination of tolerance in promising almond cultivars and genotypes to dominant almond aphid (2023 - Present).