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 **Address, Suburb, State, Postcode:** Department of Plant Protection, College of Agriculture, Shahid Chamran University of Ahvaz (SCU), Ahvaz, Iran. Postcode: 61357-43311

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PROFESSIONAL PROFILE:

- Member of Editorial Board in Journal of Entomological Society of Iran (2021 to date)
- Director of Educational Affairs in Shahid Chamran University (SCU) of Ahvaz (2017 to date)
- Associate Professor of Entomology in Shahid Chamran University (SCU) of Ahvaz (2015 to date)
- Assistant Professor of Entomology in Shahid Chamran University (SCU) of Ahvaz (2009 to 2015)
- Head of Department of Plant Protection in Shahid Chamran University (SCU) of Ahvaz (2010 to 2012)
- Coordinator of Entomological Society of Iran, Persian Gulf branch(۲۰۱۵-۲۰۱۷) ,
- Lecturer of Entomology in Shahid Chamran University (SCU) of Ahvaz (2005 to 2009)
- Supervisor of the library of the agriculture college of Entomology in Shahid Chamran University (SCU) of Ahvaz (2005 to 2007)

EDUCATION BACKGROUND:

Ph.D.: Systematic Entomology (2009), Shahid Chamran University (SCU) of Ahvaz, Ahvaz, Iran

Dissertation title:

“Fauna of noctuid moths in sugarcane fields of Khuzestan province and morphometric studies on geographical and host-associated populations of *Sesamia nonagrioides* Lefèbvre (Lep.: Noctuidae) in southwestern Iran”

MSc: Agricultural Entomology (2004), Shahid Chamran University (SCU) of Ahvaz, Ahvaz, Iran

BS: Plant Protection (2002), Shiraz, Iran

TEACHING AND TRAINING EXPERIENCE:

Undergraduate:

- Invertebrate Zoology
- General & Advanced Entomology
- Principles of Insect Classification

Graduate & Postgraduate:

- Insect Classification
- Principles of Taxonomy and Rules of Animal Nomenclature

HONOURS AND AWARDS:

- 2021 Teaching Award for elected professors of the year at Shahid Chamran University of Ahvaz
- 2017 Research Award for elected researchers of the year at Shahid Chamran University of Ahvaz
- 2016 Distinguished Assistant Professor at 60th anniversary celebration of Shahid Chamran University of Ahvaz
- 2011 Distinguished Instructor Award – SCU (selected by students)
- 2008 Research fellowship to conduct part of PhD research at University of Helsinki-Finland (9 months) - Awarded by Ministry of science, research & technology of Iran
- 2005 Active researcher award - SCU
- 2005-2008 Full PhD Scholarship, Awarded by Ministry of science, research & technology
- 2004 The first rank in PhD entrance exam - Shahid Chamran University
- 2004 Top MSc graduate

INTERESTS AND RESEACH FIELDS:

- Systematics of Noctuidae (Lepidoptera)
- Insect Morphometrics
- Biodiversity of Freshwater and Soil Insects
- Biology, Ecology and Biological Control of Scale Insects (Coccoidea)

RESEARCH ACTIVITIES:

PUBLICATIONS:

- Aghyl H., Mehrabi-Koushki M. and Esfandiari M. 2021. *Chaetomium iranicum* and *Collariella capillicompacta* spp. nov. and notes to new hosts of *Amesia* species in Iran. *Sydowia*, 73: 21-30.
- Bazazzadeh F. Shishehbor P. Esfandiari M., Farahi S. 2020. Development, reproduction and life table parameters of *Tetranychus turkestanii* (Acari: Tetranychidae) on three different host plants. *Acarologia*, 60 (3): 643-655
- Shahreyari-Nejad S., Esfandiari M., Rasekh A., Mossadegh M.S., Shirvani A. 2020. Faunistic records of Noctuidae from Iran, with two new records for the country (Insecta: Lepidoptera). *Shilap Revista de Lepidopterologia*, 48 (190): 239-252.
- Rajaei H., Shahreyari-Nejad S. and Esfandiari, M. 2019. Description of a new species of *Lithostege* Hübner, 1825 and of the male of *L. samandooki* (Rajaei, 2011) (Lepidoptera: Geometridae) from Iran. *Zoology in the Middle East*, 65 (4): 367-376.
- Farhadi Z. Esfandiari, M., Mossadegh M.S., Shishehbor P. 2019. Life history and life table analysis of the predator *Hyperaspis polita* (Coccinellidae) on the mealybug *Nipaecoccus viridis* (Pseudococcidae), *Biologia*, 74 (9): 1139-1148.
- Sefollahi F., Esfandiari M., Mossadegh M.S. and Rasekh A. 2019. Functional Response of *Hyperaspis polita* (Coleoptera, Coccinellidae) to the recently invaded mealybug *Phenacoccus solenopsis* (Hemiptera, Pseudococcidae), *Neotropical Entomology*, 48 (3): 484-495 .
- Zerganipour A., Esfandiari M. and Rabieh M.M. 2019. Identification of the butterflies (Lepidoptera, Papilionoidea) in the IMCA (Insect and Mite Collection of Ahvaz) at Shahid Chamran University of Ahvaz, Khuzestan, Iran. *Phegea*, 47 (4): 129-139 .
- Mohammadi Z., Rasekh A., Esfandiari M., Michaud J.P. and Kocheili F. 2019. Foraging behavior of *Hippodamia variegata* (Coleoptera: Coccinellidae) and *Lysiphlebus fabarum* (Hymenoptera: Braconidae), as the natural enemies of *Aphis gossypii*, under light and dark conditions. *Journal of Entomological Society of Iran*, 39 (1): 93-109.
- Golestaneh S.R., Kocheili F., Rasekh A., Esfandiari, M. and Farashiani M.E. 2019. The influence of age and experience on foraging behavior of *Fopius carpomyiae*, a parasitoid of ber fruit fly, *Carpomyia vesuviana*. *Journal of Biocontrol in Plant Protection*, 6 (12): 67-79 .
- Alavi S., Esfandiari M. and Rabieh M.M. 2019. *Catocala* Schrank species (Lepidoptera: Erebiidae) in Iran with new distribution data. *Entomologist's Monthly Magazine*, 155 (3): 179-186 .
- Mohammadi Z., Rasekh A., Esfandiari M., Michaud J.P. and Kocheili F. 2019. Effects of single and simultaneous application of the parasitoid, *Lysiphlebus fabarum* and the ladybird beetle, *Hippodamia variegata* on control of *Aphis gossypii* on cucumber. *Plant Protection (Scientific Journal of Agriculture)*, 42 (1): 1-17.
- Shahreyari-Nejad S., Esfandiari M., Rasekh A., Mossadegh M.S., Shirvani A. 2018. New records of Noctuidae for Iran with additional distribution data (Lepidoptera: Noctuidae). *Shilap Revista de Lepidopterologia*, 46 (181): 145-155.
- Najafpour, P., Rasekh, A. and Esfandiari, M. 2018. Maternal rearing condition and age affect progeny fitness in the parasitoid wasp *Lysiphlebus fabarum*. *Entomologia Experimentalis et Applicata*, 166 (1): 24-31 .
- Almasi A. Rasekh A., Esfandiari M., Askari Seyahooei M. and Ziaee M. 2018. The prospect of using sub-lethal imidacloprid or pirimicarb and a parasitoid wasp, *Lysiphlebus fabarum*, simultaneously, to control *Aphis gossypii* on cucumber plants. *Journal of Asia-Pacific Entomology*, 21(1): 161-167.
- Golestaneh S.R., Kocheili F., Rasekh A., Esfandiari, M. and Farashiani M.E. 2018. A survey on foraging behavior of *Fopius carpomyiae* (Hymenoptera: Braconidae), a parasitoid of ber fruit fly

- Carpomyia vesuviana* (Diptera: Tephritidae). *Plant Protection (Scientific Journal of Agriculture)*, 41 (3): 73-85.
- Esfandiari, M. and Afsarian M. 2018. Correcting the record of *Miniphila miniago* (Freyer, 1840) (Lepidoptera, Noctuidae) from Iran with taxonomic notes. *Iranian Journal of Animal Biosystematics*, 14(1):65-68.
 - Shahreyari-Nejad S., Esfandiari M., Rasekh A., Mossadegh M.S., Shirvani A. 2018. First record of *Caradrina (Eremodrina) turcomana* Hacker, 2004 for Iran with a catalogue of the genus *Caradrina* Ochseneheimer, 1816 of Iran (Lepidoptera, Noctuidae). *Iranian Journal of Animal Biosystematics*, 13(2):137-158.
 - Farhadi Z. Esfandiari, M., Mossadegh M.S., Shishehbor P. 2018. Prey stage preference and functional response of the coccinellid *Hyperaspis polita*, feeding on the mealybug *Nipaeococcus viridis*. *Plant Pest Research*, 7 (4): 63-78.
 - Jalaeian, M. Farahpour-Haghani, A. and Esfandiari, M. 2017. First report of damage caused by *Leucania loreyi* (Lep.: octuidae) on rice in Guilan province. *Plant Pest Research*, 7 (3): 77-80.
 - Almasi A. Rasekh A., Esfandiari M., Askari Seyahooei M. and Ziaee M. 2017. Evaluation of the Efficiency of Parasitoid Wasp, *Lysiphlebus fabarum* (Marshall) (Hym., Braconidae), reared on *Aphis fabae* Scopoli, against the Melon Aphid, *Aphis gossypii* Glover. *Journal of Applied Research in Plant Protection*, 6 (3): 83-95.
 - Alizadeh M.S., Mossadegh M.S. and Esfandiari M. 2017. Biology of Pink Hibiscus Mealybug *Maconellicoccus hirsutus* (Green) on Chinese Hibiscus Shrubs in Khuzestan Province. *Journal of Plant Protection (Agricultural Science and Technology)*, 31 (2): 232-241.
 - Ahmadi M., Esfandiari M., Muilwijk J. and Ostovan H. 2017. First record of *Lebia syriaca* (Carabidae, Lebiini) for Iran and additional faunistic notes on Carabidae from south-west Iran. *Linzer biologische Beiträge*, 49 (1): 265-273 .
 - Sefollahi F., Esfandiari M., Mossadegh M.S. and Rasekh A. 2017. Field biology of the cotton mealybug, *Phenacoccus solenopsis* (Hem.: Pseudococcidae) on Chinese hibiscus shrubs in Ahvaz, Iran. *Plant Pest Research*, 7 (1): 1-12.
 - Mehravar N Esfandiari M., and Soheilifar P. 2017. Identification of two stem borers, *Sesamia nonagrioides* (Lep.: Noctuidae) and *S. cretica* by DNA barcoding. *Plant Protection (Scientific Journal of Agriculture)*, 40 (2): 63-74.
 - Cheraghi A. and Esfandiari M. 2017. First report of a leaf minor beetle, *Rhoptrispia dilaticornis* (Duvivier) (Col.: Chrysomelidae) on sugarcane in Iran. *Plant Pest Research*, 6(4): 97-101
 - Esfandiari M. and Khadempur A. 2017. Aquatic and semi-aquatic bugs (Hemiptera, Heteroptera) from the Karun River, south-west Iran. *Entomologist's Gazette*, 68 (1): 60–64 .
 - Esfandiari M. and Muilwijk J. 2016. Records of riparian Carabidae (Coleoptera) from Karun River in Ahvaz, south-west Iran. *Entomologist's Monthly Magazine*, 152: 295–297.
 - Najafpour P., Rasekh A. and Esfandiari M. 2016. The effect of choice and no-choice access on host (*Aphis fabae*) instars preference, in different ages and sizes of *Lysiphlebus fabarum* (Hymenoptera: Braconidae: Aphidiinae). *Journal of Entomological Society of Iran*, 36(2): 101-111 .
 - Cheraghi A. and Esfandiari M. 2016. The first rearing of *Coelichneumon singularis* (berthoumieu, 1892) (Hymenoptera: Ichneumonidae) from the sugarcane borer *Sesamia cretica* Lederer, 1857 (Lepidoptera: Noctuidae). *Far Eastern Entomologist*, 323: 14-15.
 - Sefollahi F., Esfandiari M., Mossadegh M.S. and Rasekh A. 2016. Life table parameters of the coccinellid *Hyperaspis polita*, a native predator in Iran, feeding on the invasive mealybug *Phenacoccus solenopsis*. *Journal of Asia-Pacific Entomology*, 19: 835–840 .

- Almasi A., Rasekh A., Esfandiari M., Askari Seyahooei M. and Ziaee M. 2016. Investigating toxicity of primicarb and imidacloprid on different growth stages of melon aphid, *Aphis gossypii* Glover. *Plant Protection (Scientific Journal of Agriculture)*, 39(2): 71-83. (In Persian with English abstract).
- Ahmadi M., Esfandiari M., Muilwijk J. and Ostovan H. 2016. A contribution to knowledge of the ground beetle fauna (Coleoptera: Carabidae) of Iran. *Entomologist's Monthly Magazine*, 152: 183–188.
- Forouzan A., Shishehbor P., Esfandiari M. and Mossadegh M.S. 2016. Biological characteristics and life table parameters of cotton mealybug *Phenacoccus solenopsis* (Homoptera: Pseudococcidae) on china-rose at different temperatures. *Plant Protection (Scientific Journal of Agriculture)*, 39(2): 59-69. (In Persian with English abstract).
- Vatankhah F., Nemati A., Esfandiari M. and Shishehbor P. 2016. Description of a new species of *Gaeolaelaps* (Acari: Laelapidae) from Iran, with a key to world species of the genus with short peritremes. *Zootaxa*, 4121 (5): 566–574.
- Forouzan A., Shishehbor P., Esfandiari M. and Mossadegh M.S. 2016. Biological characteristics and life table parameters of coccinellid *Nephus arcuatus* feeding on *Phenacoccus solenopsis* at different temperatures. *Plant Protection (Scientific Journal of Agriculture)*, 39(1): 75-84. (In Persian with English abstract).
- Ravan B., Esfandiari M., Mossadegh M.S. and Rabieh M.M. 2016. Introducing some moths of Noctuidae (Lep.:Noctuidae) from southern areas of Zagros in Khuzestan and Fars provinces. *Iranian Journal of Forest and Range Protection Research*, 13(2): 115-134 .
- Muilwijk J. and Esfandiari M. 2016. First record of *Oodes irakensis* Andrewes (Coleoptera: Carabidae: Harpalinae: Oodini) in Iran and a new synonym in *Oodes*. *Zoology in the Middle East*, 62 (1): 93-94.
- Matov A., Rabieh M.M. and Esfandiari M. 2016. A list of *Drasteriodes* Hampson, 1926 species in Iran with a new record of *Drasteriodes kisilkumensis* (Ershov, 1874) (Lepidoptera: Noctuidae). *Shilap Revista de Lepidopterologia*, 44 (173): 49-54.
- Esfandiari M., Mehravar, N., Motamedi, H., Rajabi Memari H. and Rajaei H. 2015. Phylogeography of *Sesamia nonagrioides* (Lepidoptera: Noctuidae) in Iran inferred from mitochondrial dna. *Acta Zoologica Academiae Scientiarum Hungaricae*, 61 (4): 341–359.
- Esfandiari M., Rabieh M.M., Matov A. and Mossadegh M.S. 2015. A survey of Erebiidae, Nolidae and Euteliidae (Lepidoptera) in southern and northeastern of Iran. *Redia-Journal of Zoology*, (98): 77-92.
- Rabieh M.M., Esfandiari M., Seraj A.A. and Bonduriansky R. 2015. Genital and body allometry in two species of noctuid moths (Lepidoptera: Noctuidae). *Biological Journal of the Linnean Society*, 116 (1): 183–196 .
- Hasanzadeh H., Esfandiari M., Shishehbor P. and Rajabpour A. 2015. Functional response of different developmental stages of *Orius albidipennis* feeding on the strawberry spider mite, *Tetranychus turkestani*. *Plant Protection (Scientific Journal of Agriculture)*, 38(3): 63-74. (In Persian with English abstract).
- Hasanzadeh H., Shishehbor P., Esfandiari M. and Rajabpour A. 2015. Biological characteristics and fecundity life table parameters of *Orius albidipennis* on strawberry spider mite, *Tetranychus turkestani* at different temperatures. *Plant Protection (Scientific Journal of Agriculture)*, 38(4):65-78. (in Persian with English abstract).
- Adeli, L., Esfandiari, M., Mossadegh M.S. and Shishehbor P. 2015. The fauna of Carabid beetles in agricultural ecosystems of Jiroft (Iran). *Plant Protection (Scientific Journal of Agriculture)*, 38(2): 113-124 (in Persian with English abstract).

- Najafpour, P., Rasekh, A. and Esfandiari, M. 2015. The effect of size and age of *Lysiphlebus fabarum* (Marshall) (Hym.: Braconidae) on host instar preference, *Aphis fabae* Scopoli (Hem.: Aphididae). *Plant Protection (Scientific Journal of Agriculture)*, 38(2): 75-90 (in Persian with English abstract).
- Cheraghali Z., Esfandiari M., Mossadegh M.S. and Rajabi Memari M. 2015. Genetic diversity of populations of the stem borer *Sesamia nonagrioides* (Lepidoptera: Noctuidae) in southern and southwestern Iran, using RAPD-PCR. *North-western Journal of Zoology*, 11 (1): 70-75.
- Moghaddam M. and Esfandiari M. 2014. A new species of the genus *Paracoccus* (Hem.: Cocomorpha, Pseudococcidae) from Iran. *Journal of Entomological Society of Iran*, 34 (3): 57-61 .
- Esfandiari M., Sadeghi S. and Khadempur M. 2014. First record of Odonata nymphs from Karun River, south-west Iran. *Iranian Journal of Animal Biosystematics*, 10 (2): 205-208.
- Esfandiari M. 2014. *Hadula vassilini* (Bang Haas, 1927) (Lepidoptera, Noctuidae) new to the fauna of Iran with description of its female. *Iranian Journal of Animal Biosystematics*, 10 (1): 73-76.
- Rabieh M.M., Seraj A.A. and Esfandiari M. 2014. Contribution to the noctuid fauna of NE Iran: Noctuinae, Hadeninae and Plusiinae, with additions to Iranian fauna. *Phegea*, 42 (1):14-21.
- Rabieh M.M., Esfandiari M. and Seraj A.A. 2013. A contribution to the fauna of subfamilies Metoponiinae, Bryophilinae and Xyleninae (Lepidoptera; Noctuidae) in NE Iran. *Iranian Journal of Animal Biosystematics*, 9 (1): 1-16.
- Shaverdo H.V., Esfandiari M., Khadempur A., Nasserzadeh H. and Ghodrati A. 2013. Diving beetles of Ahvaz city, Khuzestan province, Iran (Coleoptera: Dytiscidae). *Koleopterologische Rundschau*, 83: 17-22.
- Gyulai P., Rabieh M.M., Seraj A.A., Ronkay L. and Esfandiari M. 2013. *Anagnorisma chamrani* sp. n. (Lepidoptera, Noctuidae) from Iran. *ZooKeys*, 317: 17–25.
- Rabieh M.M., Esfandiari M., Seraj A.A. and Rajaei Sh. H. 2013. A new record of *Chersotis curvispina* Boursin, 1961 (Lepidoptera: Noctuidae) in Iran. *Zoology and Ecology*, 23 (2): 111-114.
- Rabieh M.M., Seraj A.A., Gyulai P. and Esfandiari M. 2013. Checklist of the genus *Eugnorisma* Boursin, 1946 of Iran with new records and distributional data (Lepidoptera: Noctuidae, Noctuinae). *Shilap Revista de Lepidopterologia*, 41 (163): 399-413.
- Esfandiari M. and Motamedi H. 2013. Bacteria isolated from the stem borer *Sesamia nonagrioides* (Lepidoptera: Noctuidae) in Iran. *Munis Entomology and Zoology*, 8(1):180- 184.
- Shiran E., Mossadegh M.S. and Esfandiari M. 2013. Mutualistic ants (Hymenoptera: Formicidae) associated with aphids in central and southwestern parts of Iran. *Journal of Crop Protection*, 2(1): 1-12.
- Alizadeh M.S., Mossadegh M.S. and Esfandiari M. 2013. Natural enemies of *Maconellicoccus hirsutus* (Green) (Hemiptera: Pseudococcidae) and their population fluctuations in Ahvaz, Southwest Iran. *Journal of Crop Protection*, 2(1): 13-21.
- Hasanzadeh H., Shishehbor P., Esfandiari M. and Rajabpour A. 2013. Collection of *Orius* species (Hemiptera: Anthocoridae) in some counties of Yazd province, Iran. *Munis Entomology and Zoology*, 8(1):507-508.
- Esfandiari M., Mossadegh M.S., Farrar N. and Fazelinejad A. 2012. Report of *Streblote siva* (Lepidoptera: Lasiocampidae) damage on *Conocarpus* trees in south and southwestern provinces of Iran. *Plant Pest Research*, 2 (2): 75-80. (in Persian with English abstract)

- Esfandiari M. and Soleiman-nejadian, E. 2012. Mutual interference of *Telenomus busseolae* Gahan, an egg parasitoid of sugarcane stem borers *Sesamia* spp. *Journal of Entomological Research*, 4(3): 189-195 (in Persian with English abstract)
- Esfandiari M. and Aynehband, A. 2012. First report on damages caused by an insect pest on Amaranth crop in Iran. *Plant Pest Research*, 2 (1): 65-68. (in Persian with English abstract)
- Mohammadi Sh., Mossadegh M.S. and Esfandiari M. 2012. Eight ant species (Hym.: Formicidae) new for the fauna of Iran. *Munis Entomology and Zoology*, 7 (2): 847-851 .
- Shalbfaf Sh., Searj A.A., Esfandiari M. and Ramazani L. 2012. Insect Biodiversity in Karkheh Wild Life Refuge, SW Iran. *Journal of Entomology*, 9 (3): 178-182.
- Esfandiari M., Mossadegh M.S. and Shishehbor P. 2011. Noctuidae s.l. (Lepidoptera) from sugarcane fields of SW Iran. *Fragmenta Faunistica*, 54 (2): 137-147.
- Scheller U., Kavianpour M.R. and Esfandiari M. 2011. First record of Symphyla (Myriapoda) from Iran, with description of a new species in *Scolopendrellopsis* (Scolopendrellidae). *Zootaxa*, 3041: 66–68.
- Esfandiari M., Mossadegh M.S. and Shishehbor P. 2011. *Sesamia botanephaga* Tams & Bowden, 1953 auct. in Iran, read *Sesamia nonagrioides* (Lefèbvre, 1827). *Munis Entomology and Zoology*, 6 (1): 400-403.
- Esfandiari M., Mossadegh M.S., Shishehbor P., Mikkola K. and S.H. Hodjat. 2010. Four noctuid (Lepidoptera, Noctuidae) taxa new for the fauna of Iran. *Phegea* , 38 (2): 62-67 .
- Esfandiari M. and M.S. Mossadegh. 2007. Spatial distribution and sampling of *Icerya purchasi* Mask. (Hom.: Margarodidae) on orange trees in southwest Iran. *Journal of Biological Science*, 7 (7): 1239-1243.
- Esfandiari M., Mossadegh M.S. and R. Eslamizadeh. 2007. Biology of the Cottony Cushion Scale, *Icerya purchasi* Mask. (Hom.: Margarodidae) in laboratory and it's seasonal fluctuations in citrus orchards of northern Khuzestan. *Journal of Science and Technology of Agriculture and Natural Resources*, 10 (4B): 393-403 (in Persian with English abstract).

PROFESSIONAL MEMBERSHIPS:

- Entomological Society of Iran (ESI) - Sustaining Member, Since 1998
- Iranian Society of Biology (ISB) - Sustaining Member, Since 2005
- Societas Europaea Lepidopterologica (SEL) - Ordinary member, since 2007
- EURO Working Group on the Operational Research in Computational Biology, Bioinformatics and Medicine (EWG CBBM) – Member, Since 2006

LANGUAGES:

Persian (native)

English (good)

Arabic (elementary)