

## Hiva Nasserzadeh (PhD)

### Iranian Research Institute of Plant Protection (IRIPP)

Assistant Professor

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## Academic qualifications

PhD: Zoology (Entomology), Department of Limnology and Bio-Oceanology, Vienna University, Vienna, Austria (2017).

MSc: Animal Science-Biosystematics, Faculty of Sciences, Shiraz University, Shiraz, Iran (2002).

BSc: Biology, Islamic Azad University, Tehran, Iran (1998).

## Research interests

Biosystematics and Biodiversity of Coleoptera.

Studying the importance of the beetles as pests, predators and bioindicators.

## Selected research projects

- 1) A faunistic study on click beetles (Coleoptera, Elateridae), of the central region of Zagross Mountain. (2006-2009)
- 2) Phylogeny of the genus *Sternolophus* (Coleoptera, Hydrophilidae) inferred from COI and 16s mitochondrial DNA sequences. (2008-2010)
- 3) A faunistic study on click beetles (Coleoptera, Elateridae) of central and southern part of Elborz mountain. (2008-2011)
- 4) Taxonomic study of the genus *Phyllotreta* (Coleoptera: Chrysomelidae: Alticinae) in Iran, with an emphasis on HMIM's specimens. (2013-2015, project assistant)
- 5) A faunistic study on wire worms (Coleoptera, Elateridae) of 3rd agricultural region of Iran. (2015-2018)
- 6) A survey on insect fauna of the invasive weed known as Water Hyacinth in Guilan province for determining and introducing effective beneficial insects as its biological control agents. (2016-2018, project assistant)

- 7) Taxonomic study of the genera *Altica*, *Aphthona*, *Chaetocnema* (Coleoptera: Chrysomelidae: Galerucinae, Alticini) (in Iran, with an emphasis on HMIM's specimens). (2016-2018)
- 8) Study of population dynamics of different biological characteristics on stem borer weevils, *Ceutorhynchus* spp. in canola fields of some regions of country (Iran). (2016-2019, project assistant)
- 9) Faunistic study on the click beetles (Coleoptera, Elateridae) of 5<sup>th</sup> agricultural region of Iran. (since 2018)
- 10) Identification of the flea beetles (Coleoptera: Chrysomelidae) of canola fields in North of Iran (Khorasan-Shomali, Golestan, Mazandaran, Gilan and Ardebil provinces) and the study of their species diversity. (since 2018, project assistant)

## Publications

### Journals papers:

- 1) **Nasserzadeh, H.**, Hosseinie, S. & Monsefi M. (2005): Morphology of the reproductive system of the Iranian species of *Hydrochara* Berthold (Coleoptera, Hydrophilidae). *Koleopterologische Rundschau*, 75: 227–245.
- 2) **Nasserzadeh, H.** & Hosseinie, S. (2005): First record of *Hydrobious fuscipes* (Linnaeus) and *Limnoxenus niger* (Zschach) in Iran (Coleoptera: Hydrophilidae). *Koleopterologische Rundschau*, 75: 247–252.
- 3) Serri, S. & **Nasserzadeh, H.** (2007): The first record of four species of flea beetles (Coleoptera, Chrysomelidae, Alticinae) for the fauna of Iran. *Journal of Entomological Society of Iran*, 27 (2): 37–40. [In Farsi]
- 4) **Nasserzadeh, H.**, Platia, G. & Barimani, H. (2008): Description of new species of *Pleurathous* Reitter with records of the male of *Calais brandti* Platia & Gundenzi from Iran (Coleoptera: Elateridae). *Koleopterologische Rundschau*, 78: 291–296.
- 5) **Nasserzadeh, H.** (2010): HYDROPHILIDAE: The genus *Sternolophus* SOLIER. (Coleoptera), 251–255 in *Water Beetles of New Caledonia (part 1)*, Monographs on Coleoptera, Vol. 3 (Editors: M. A. Jäch & M. Balke). *ZOOLOGISCH-BOTANISCHEGESELTSCHAFT and WIENER COLEOPTEROLOGENVEREIN, Vienna*, 449 pp.
- 6) Schöller, M. & **Nasserzadeh, H.** (2010): The distribution of leaf beetles of the tribe Cryptocephalini in Iran (Chrysomelidae: Cryptocephalinae). *Mitt. internat. entomol. Ver.*, Band 35, Heft ½: 55–87.
- 7) Falamarzi, S., Pütz, A., Heidari, M. & **Nasserzadeh, H.** (2010): Confirmed occurrence of *Hydroscapha granulum* in Iran, with notes on its biology (Coleoptera: Myxophaga: Hydroscaphidae). *Acta Entomologica Musei Nationalis Prage*, 50: 97-106.
- 8) Shaverdo, H.V., Esfandiari, M., Khadempur, A., **Nasserzadeh, H.** & Ghodrati, A. (2013): Diving beetles of Ahvaz City, Khuzestan Province, Iran (Coleoptera: Dytiscidae). *Koleopterologische Rundschau*, 83: 17–22.
- 9) Ardakani, A.S. & **Nasserzadeh, H.** (2013): First record with some biological note on coffee bean weevil (*Araecerus fasciculatus* De Geer) (Coleoptera;

Curculionidae) on pesticide plant in Iran. *Journal of Medicinal and Aromatic Plant Sciences*, 35.

10) Soufi, M., **Nasserzadeh, H.**, Kami, H., Zehzad, B., Hasan Zadeh Kiabi, B. & Turk Qashqaei, A. (2013): First record of the Truly Aquatic Spider, *Argyroneta aquatica* (Clerck, 1757) in Iran (Araneae: Cybaeidae). *Zoology in the Middle East*, 59 (2): 186-188

11) Merkl, O. & **Nasserzadeh, H.** (2014): Notes on ultrapsammophilous Erodiini from Iran (Coleoptera: Tenebrionidae: Pimeliinae). *Annales Zoologici* (Warszawa), 64 (4): 605–612.

12) Gholami Ghavam Abad, R., Sadeghi, S.E., Ghajarieh, H., **Nasserzadeh, H.**, Yarmand, H., Moniri, V.R., Nikdel, M., Dordaei, A.A., Mohammadpour, A., Haghshenas, A., A.R., Hashemi Khabir, Z., Salahi Ardekani A. & Caldara R. (2015) Tychiini and Mecinini (Coleoptera: Curculionidae, Curculioninae) in Iran: eleven species recorded for the first time, with new data on host plants and distribution of several other species. *Journal of Entomological Society of Iran*, 35 (1):57–68.

13) **Nasserzadeh, H.** & Komarek, A. (2017) Taxonomic revision of the water scavenger beetle genus *Sternolophus* Solier, 1834 (Coleoptera: Hydrophilidae). *Zootaxa*, 4282 (2): 201–254.

14) **Nasserzadeh, H.**, Alipanah, H. & Gilasian, E. (2017) Phylogenetic study of the genus *Sternolophus* Solier (Coleoptera, Hydrophilidae) based on adult morphology. *ZooKeys*, 712: 69–85.

15) **Nasserzadeh, H.**, Platia, G., Parsi, F. & Serri, S. (2018) Three new species, *Elathous zagrosensis* sp. n., *Zorochochros dilatatus* sp. n., and *Dicronychus iranicus* sp. n., and noteworthy records of click beetles from western Iran (Coleoptera: Elateridae). *Zootaxa*, 4394 (4): 517–536.

16) **Nasserzadeh, H.**, Jäch M.A. & Shirazi, J. (2019) New records of *Hydrochus* Leach, 1817 (Coleoptera: Hydrochidae) from Iran. *AQUATIC INSECTS*, 1–5.

17) **Nasserzadeh, H.**, Merkl, O. & Khodayari, S. (2019) *Philhammus* in Iran (Coleoptera: Tenebrionidae: Pimeliinae). *Folia entomologica Hungarica*, 80: 9–12.

#### Conference papers:

1) Hosseinie, S. & **Nasserzadeh, H.** (2002). New records of *Hydrochara fiavipes* (Coleoptera, Hydrophilidae) from Iran. *1<sup>st</sup> Iranian conference of Animal Science & Biodiversity*, 20-22 August, 2002, Kerman, P. 43.

2) **Nasserzadeh, H.** & Hosseinie, S. (2003). Biosystematics and phylogenetic survey on three populations of *Hydrochara dichroma* Fairm. (Coleoptera, Hydrophilidae) in Iran. *11<sup>th</sup> Biology Conference of Iran*, 23–25 Aug. 2003, Urumia University, P. 669.

3) Soufi, M., Kiabi, B., Zehzad, B., **Nasserzadeh, H.** & Riazi, B. (2010): study of human-related factors on the biodiversity of lagoons (a case study: a comparison between Solokli and Shormasts lagoons, north of Iran). *7th International Conference on International Conference on Natural Sciences and Technologies for Waste and Wastewater Treatment, Remediation, Emissions Related to Climate, Environmental and Economic Effects*. Linnaeus University

School of Natural Sciences, KALMAR, SWEDEN, NOVEMBER 22 - 24, pp. 1055–1065.

4) H. Nasserzadeh, W. H. Rücker, F. Ardeshtir (2015): *Latridius perminutus* (Coleoptera., Latridiidae), new for Iran on stored nuts. 1<sup>st</sup> Iranian International Congress of Entomology, Tehran.

5) Serri, S., Nasserzadeh, H. & Biondi, M. (2016): First records of two Flea beetles for the fauna of Iran. 22nd Iranian Plant Protection Congress. 27–30 August 2016, University of Tehran, Karaj. P. 423

6) Mansourghazi, M. & Nasserzadeh, H. (2018): The report on *Otiiorhynchus ovalipennis* Boheman, 1842 (Col., Curculionidae) as new emerging and potential pest of strawberry fields in Kurdistan province. 23rd Iranian Plant Protection Congress, 27-30 August 2017, Gorgan University of Agricultural Sciences and Natural Resources, P. 909.

#### In farsi:

(۱) حکمت اسفندیاری، هیوا ناصرزاده، سایه سری، سونیا اسودی، امراله سبزیان (1394): گزارش سوسک (*Gastrophysa polygoni* (Linnaeus, 1758) (Coleoptera: Chrysomelidae) عامل بالقوه کنترل بیولوژیک علف هفت بند در استان اصفهان. ششمین همایش علوم علف های هرز ایران.

#### Thesis supervised

1) Soufi, M. (2010): The survey of ecology and biology of the Soulukli wetland in the Golestan National Park. Islamic Azad University, Science, and Research Branch. **(Advisor)**

2) Gholami, R. (2012): Identification, distribution, and host determination of seed weevil (Curculionidae) on some pasture plants. Tehran University, Abureyhan College. **(Advisor)**

#### Professional organization

1) Member of Entomological Society of Iran (member of the board of directors since 2018, editor of the newsletter 2014-2018)

2) Member of Vienna Coleopterists Society (WCV)