

FILIPPO MILANO



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PRESENT POSITION

PhD student in Biological Sciences and Applied Biotechnologies, University of Torino, Italy

EDUCATION

- 01/2019 - 06/2019 **Internship on molecular analyses**, Royal Belgian Institute of Natural Sciences, Brussels, Belgium
- 03/2019 **Basic and Advanced Phylogenetics**, Laboratory for Integrative Biodiversity Research, Finnish Museum of Natural History - University of Helsinki, Finland
- 24/10/2017 **Master's Degree in Environmental Biology**, University of Torino, Italy
"Ecology and conservation of *Vesubia jugorum* (Simon, 1881) (Araneae: Lycosidae) in a climate change scenario: assessment of the extinction risk according to the IUCN categories and criteria"
Final grade: 110/110 cum Laude
Tutor: Prof. Marco Isaia
- 28/11/2016 **Certificate of Assessor**, International Union for Conservation of Nature (IUCN)
- 22/10/2014 **Bachelor's Degree in Natural Sciences**, University of Roma La Sapienza, Italy
"Biochemical characterization and effects of the venom of spiders (Araneae)"
Final grade: 110/110 cum Laude
Tutor: Prof. Alberto Fanfani

PROFESSIONAL EXPERIENCE

- 2017 - present **Scientific advisor and Editor** for the publishing company Gruppo Editoriale Italiano S.r.l. (Editori Riuniti, Franco Muzzio Editore, Ricca Editore), Roma, Italy
- 30/06 - 02/07/2017 **Taxonomic inventory** “Explor’Nature Barcelonnette”, Barcelonnette, France
- 06/2015 - 10/2016 **Internship taking census of invertebrates in high-alpine environments**, All Taxa Biodiversity Inventory (ATBI), Maritime Alps Natural Park, supervisor: Luca Giraudo - University of Torino, supervisor: Prof. Marco Isaia
- 03/2011 **Monitoring** Amphibians, WWF nature reserve Bosco di Palo Laziale (Roma): sampling and measurements of morphological characters. Supervisor: Dr. Antonio Pizzuti Piccoli
- 2008 - 2017 **Copy editor and Proofreader** for the publishing company Gruppo Editoriale Italiano S.r.l. (Editori Riuniti, Franco Muzzio Editore, Ricca Editore), Roma, Italy
- 2005 - 2010 **Seasonal worker** for the glass product manufacturing Galvolux SA, Bioggio, Switzerland

TEACHING ACTIVITIES

- 2018 - 2020 **Thesis co-advisor** for two students, BSc in Natural Sciences, University of Torino, Italy
- 2016 - 2020 **Teaching Assistant** in Academic course in Ecologia con Laboratorio (Prof. Marco Isaia). BSc in Natural Sciences, University of Torino, Italy
- 10/2018 - 01/2019 **Teaching Assistant** in Academic course in Zoologia Generale con Laboratorio (Prof. Cristina Giacoma, Dr. Francesca Barbero). BSc in Natural Sciences, University of Torino, Italy
- 2016 - 2017 **Collaborator to student activities** in Academic course in Zoologia Generale (Prof. Simona Bonelli). BSc in Biological Sciences, University of Torino, Italy
- 11/2016 **Seminars** in Academic course in Zoologia Sistemática con Laboratorio (Prof. Daniela Pessani). BSc in Natural Sciences, University of Torino, Italy

MEMBERSHIPS

- 2022 - present Società Ticinese di Scienze Naturali (STSN)
- 2019 - present Unione Zoologica Italiana (UZI)

2019 - present	Associazione Romana Di Entomologia (ARDE)
2018 - present	International Society of Arachnology (ISA)
2018 - present	European Society of Arachnology (ESA)
2016 - present	Spider and Scorpion Specialist Group (SSSG) of the IUCN Species Survival Commission (SSC)

AWARDS AND GRANTS

2nd best oral presentation, 33th European Congress of Arachnology, 4-9 September 2022, Greifswald, Germany

Premio Roberto Marchetti 2019 (<https://www.ecologia.it/premi/>) for the best oral presentation. Awarded by Società Italiana di Ecologia (SIte).

3rd best oral presentation, 31st European Congress of Arachnology, 8-13 July 2018, Vác, Hungary

Oscar and Jan Francke Student Research Fund of the International Society of Arachnology (ISA), 2018

PEER-REVIEWED PUBLICATIONS

1. **Milano F.**, Tolve M., Isaia M. (2023). Natural history and conservation of the wolf spider *Vesubia jugorum* (Simon, 1881) (Araneae, Lycosidae), assessed as Endangered in the IUCN Red List. *Zoosystema*, 45 (1): 1-11. <https://doi.org/10.5252/zoosystema2023v45a1>
2. **Milano F.**, Cardoso P, Mammola S, Smith H, Isaia M (2022). Trends in habitat suitability and conservation status of aquatic spiders in Europe. *Biological Conservation*, 257: 109767. <https://doi.org/10.1016/j.biocon.2022.109767>
3. **Milano F.**, Borio L, Komposch C, Mammola S, Pantini P, Pavlek M, Isaia M (2022). Species conservation profiles of the endemic spiders *Troglohyphantes* (Araneae, Linyphiidae) from the Alps and the north-western Dinarides. *Biodiversity Data Journal* 10: e87261. <https://doi.org/10.3897/BDJ.10.e87261>
4. Mammola S, Meierhofer MB, ... **Milano F** ..., Cardoso P (2022). Towards evidence-based conservation of subterranean ecosystems. *Biological Reviews*. <https://doi.org/10.1111/brv.12851>
5. Pekár S, ... **Milano F** ..., Cardoso P (2021). The World Spider Trait database: a centralized global open repository for curated data on spider traits. *Database*. <https://doi.org/10.1093/database/baab064>
6. **Milano F.**, Blick T, Cardoso P, Chatzaki M, Fukushima CS, Gajdoš P, Gibbons AT, Henriques S, Macías-Hernández N, Mammola S, Nentwig W, Nolan M, Pétilon J, Polchaninova N, Řezáč M, Sandström J, Smith H, Wiśniewski K, Isaia M (2021). Spider Conservation in Europe: a review. *Biological Conservation*, 256: 109020. <https://doi.org/10.1016/j.biocon.2021.109020>

7. Isaia M, **Milano F**, Pantini P, Colli EL (2019). *Macrothele calpeiana* (Walckenaer, 1805) (Araneae Macrothelidae), in: AA.VV. Segnalazioni Faunistiche Italiane. *Bollettino Della Società Entomologica Italiana*, 151(3): 141–142. <https://doi.org/10.4081/BollettinoSEI.2019.141>
8. Mammola S, **Milano F**, Isaia M (2019). Taxonomy, ecology and conservation of the cave-dwelling spider *Histopona palaeolithica*, with the description of *H. petrovi* sp. nov. (Araneae: Agelenidae). *Journal of Arachnology*, 47(3): 317–325. <https://doi.org/10.1636/0161-8202-47.3.317>
9. Mammola S, **Milano F**, Vignal M, Andrieu J, Isaia M (2019). Associations between habitat quality, body size and reproductive fitness in the alpine endemic spider *Vesubia jugorum*. *Global Ecology and Biogeography*, 28(9): 1325–1335. <https://doi.org/10.1111/geb.12935>
10. **Milano F**, Mammola S, Rollard C, Leccia MF, Isaia M (2019). An inventory of the spider species of Barcelonnette (France), with taxonomic notes on *Piniphantes agnellus* n. comb. (Araneae, Linyphiidae). *Zoosystema*, 41(2): 29–58. <https://doi.org/10.5252/zoosystema2019v41a4>
11. **Milano F**, Pantini P, Cavalcante R, Isaia M (2018). Notes on the Italian distribution of *Dolomedes plantarius* (Clerck, 1757), species assessed for the IUCN Red List (Araneae: Pisauridae). *Fragmenta entomologica*, 50(1): 69–74. <https://doi.org/10.4081/fe.2018.285>
12. **Milano F**, Pantini P, Mammola S, Isaia M (2017). La Conservazione dell'Araneofauna in Italia e in Europa. *Atti Accademia Nazionale Italiana di Entomologia*, 65: 91–103.
13. Mammola S, **Milano F**, Cardoso P, Isaia M (2016). Species conservation profile of the alpine stenoendemic spider *Vesubia jugorum* (Araneae, Lycosidae) from the Maritime Alps. *Biodiversity Data Journal* 4: e10527. <https://doi.org/10.3897/BDJ.4.e10527>

COMMUNICATIONS

1. 33rd European Congress of Arachnology, 4-9 September 2022, Greifswald, Germany (1 Oral Presentation, 1 Conference Poster).
2. 32nd European Congress of Arachnology virtual meeting, 23-25 August 2021 (1 Oral Presentation).
3. 1st A.R.D.E. (Associazione Romana Di Entomologia) Student Meeting, 8 November 2019, Rome, Italy (1 Oral Presentation).
4. 80° Congresso Nazionale UZI (Unione Zoologica Italiana), 23-26 September 2019, Rome, Italy (3 Conference Posters).
5. XXIX Congresso Nazionale S.It.E (Società Italiana di Ecologia), 10-12 September 2019, Ferrara (FE), Italy (1 Oral Presentation, 1 Conference Poster).
6. XV Incontro dei Dottorandi e giovani Ricercatori in Ecologia e Scienze dei Sistemi Acquatici, 8-10 May 2019, Ostanta (CN), Italy (1 Oral Presentation).
7. 31st European Congress of Arachnology, 8-13 July 2018, Vác, Hungary (1 Oral Presentation, 1 Conference Poster).