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<b>Date of birth:</b>	25 April 1990	<b>ORCID:</b>	<a href="https://orcid.org/0000-0002-0707-7495">0000-0002-0707-7495</a>
<b>Passport:</b>	YB0834025	<b>Scholar:</b>	<a href="https://scholar.google.com/citations?user=EbUB8m8AAAAJ">EbUB8m8AAAAJ</a>
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## Summary

I am an **evolutionary biologist** interested in understanding the historical and contemporary processes shaping species distributions of both native and invasive species.

From the beginning of my career, I was driven by a genuine scientific curiosity, pursuing research questions with long-term vision and commitment regardless of my formal academic position. My research career began early, way before my PhD, with my first publication in **2013**, working as an **independent researcher** on behavioural ecology and biogeography with a particular focus on biological invasions.

My research interests later expanded into **ant** and **butterfly phylogeography**, during an Erasmus+ placement at the Butterfly Diversity and Evolution Lab (BDEL) at the Institute of Evolutionary Biology (CSIC-UPF) in Barcelona and subsequently as a part-time Research Assistant at the same institution. There, I served as **project manager** for a project funded by National Geographic and the Barcelona Zoo, investigating the long-distance migration of the butterfly *Vanessa cardui*, coordinating sampling efforts involving both researchers and citizen scientists across Europe, East Asia, and Africa.

I obtained both my Bachelor's degree in Biological Sciences and my Master's degree in Biology from the University of Florence, Italy. This academic path allowed me to explore a wide range of animal groups and biodiversity-related topics, and to collaborate extensively with numerous national and international institutions, fostering a broad and interdisciplinary research profile. By the **completion of my Master's degree**, I had authored **63** peer-reviewed publications and two book chapters, the vast majority developed **independently** and within international collaborations, with only four articles co-authored with my supervisors.

I later worked as a **Research Assistant** at the Numerical and Experimental Zoology Lab (University of Florence, Italy), focusing on Mediterranean butterfly phylogeography. By obtaining the prestigious "**la Caixa**" **Doctoral Fellowship** I was able to start the PhD at Pompeu Fabra University, carrying it out at IBE, supervised by Roger Vila and Leonardo Dapporto. During the **PhD** I gathered and generated massive **genetic datasets** on both **ants and butterflies** and used them to explore the processes shaping biodiversity patterns, described two ant species new to science and reported multiple invasive species. I obtained the PhD in 2024 with an **Excellent cum laude**, carrying it out at the **Universitat Pompeu Fabra** and my thesis was awarded with both the **UPF Extraordinary Award 2023-2024** (8 awarded/78 theses defended) and the **CSIC relevant Thesis award** (10 awarded nationally in 2024). After the PhD I was hired as **Research Assistant** at the BDEL, continuing my research on ants and butterfly phylogeography.

Supported by a **Marie Skłodowska-Curie Action** fellowship, I now investigate the **genomic legacy** of major human transitions in Mediterranean ants throughout history at the Museum für Naturkunde Berlin.

Considering the MSCA and "la Caixa" Doctoral grants, both extremely competitive fellowships, together with one IUCN founded project, my research has **attracted >444,000 €**. I have been also member of 16 projects, collectively funded with **>€3,745,000 €**. I contribute to the scientific community through extensive peer-review activity, participation in international consortia and COST Actions (10kLepGenomes and ParrotNet), and the organisation of scientific and outreach events. My commitment to **dissemination** is reflected in outreach talks, long-term involvement in citizen-science initiatives, and sustained public engagement through platforms such as iNaturalist, where I serve as a curator since 2015. I am also actively engaged in **science communication** beyond academia through press releases, multiple radio interviews, and collaborations with journalists from major international media outlets, including the CNN, Washington Post, The Guardian and El País.

I have supervised and co-supervised numerous traineeships, **6 undergraduate and MSc theses**, currently serve on one **PhD advisory committee**, and mentored four PhD students. I have delivered >150 hours of **university-level teaching** in Italy and Spain, in addition to numerous invited lectures and seminars at international conferences, workshops, and postgraduate courses. I have extensive **field experience** accumulated across 15 countries, totalling >380 fieldwork days and a stable network of world-leading collaborators.

Over the course of my **13-year academic career**, I have published **105 peer-reviewed articles** and three book chapters, with 26 as first author and 18 as senior author, and with more than 340 co-authors (85% international, Scopus). My work has accumulated **>2,900 citations (h-index 33, Google Scholar)**.

## Indicators of Scientific Production

CITATIONS	Google Scholar	Scopus
<b>Total citations</b>	2,918	2,094
<b>h-index</b>	33	27
<b>i10-index</b>	73	63
<b>Citations/year (5-yr mean)</b>	391	290

PEER-REVIEWED PUBLICATIONS	Articles	Book chapters
<b>Total</b>	105	3
<b>Q1</b>	46	
<b>First author</b>	26	1
<b>Senior author</b>	18	2

## 10 Selected Publications

*When names are underlined, authors equally contributed to the paper.*

	<i>Citations</i>
<u>Dapporto L.</u> , <u>Menchetti M.</u> , Dincă V., Talavera G., Garcia-Berro A., D'Ercole J., Hebert P. D.N., Vila R. (2024) The genetic legacy of the Quaternary ice ages for West Palearctic butterflies. <i>Science Advances</i> , 10(38), eadm8596. DOI: 10.1126/sciadv.adm8596.	IF = 11.7 Q1 Multidisc. Sciences 11
<u>Gorki J. L.</u> , <u>López-Mañas R.</u> , Sáez L., <u>Menchetti M.</u> , Shapoval N., Andersen A., Benyamini D., Daniels S., García-Berro A., Reich M. S., Scalercio S., Toro-Delgado E., Bataille C. P., Domingo-Marimon C., Vila R., Suchan T., Talavera G. (2024) Pollen metabarcoding reveals the origin and multigenerational migratory pathway of an intercontinental-scale butterfly outbreak. <i>Current Biology</i> , 34(12):2684-2692.e6. DOI:10.1016/j.cub.2024.05.037	IF = 8.1 Q1 Cell Biology 9
<u>Menchetti M.</u> , Schifani E., Alicata A., Cardador L., Sbrega E., Toro-Delgado E., Vila R. (2023) The invasive ant <i>Solenopsis invicta</i> is established in Europe. <i>Current Biology</i> , 33(17), PR896-R897. DOI:10.1016/j.cub.2023.07.036	IF = 8.1 Q1 Cell Biology 71
Talavera G., García-Berro A., Talla V. N. K., Ng'iru I., Bahleman F., Kébé K., Nzala K. M., Plasencia D., Marafi M. A. J., Kassie A., Goudégnon E. O. A., Kiki M., Benyamini D., Reich M. S., López-Mañas R., Benetello F., Collins S. C., P. Bataille C., Pierce N. E., J. Martins D., Suchan T., <u>Menchetti M.</u> , Vila R. (2023) The Afrotropical breeding grounds of the Palearctic-African migratory painted lady butterflies ( <i>Vanessa cardui</i> ). <i>PNAS</i> , 120(16) e2218280120. DOI:10.1073/pnas.2218280120	IF = 9.4 Q1 Multidisc. Sciences 23
<u>Dapporto L.</u> , <u>Menchetti M.</u> , Vodă R., Corbella C., Cuvelier S., Djemadi I., Gascoigne-Pees M., Hinojosa, J.C., Lam N.T., Serracanta M., Talavera, G., <u>Dincă V.</u> , <u>Vila R.</u> (2022). The atlas of mitochondrial genetic diversity for Western Palearctic butterflies. <i>Global Ecology and Biogeography</i> , 31(11), 2184-2190. DOI:10.1111/geb.13579.	IF = 6.3 Q1 Geogr., Physical 75
<u>Menchetti M.</u> , <u>Talavera G.</u> , Cini A., Salvati V., Dincă V., Platania L., Bonelli S. Balletto E., Vila R., Dapporto L. (2021) Two ways to be endemic. Alps and Apennines are different functional refugia during climatic cycles. <i>Molecular Ecology</i> , DOI:10.1111/mec.15795.	IF = 4.5 Q1 Evol. Biology 44
<u>Platania L.</u> , <u>Menchetti M.</u> , Dinca V., Corbella C., Kay-Lavelle I., Vila R., Wiemers M., Schweiger O., Dapporto L. (2020) Assigning occurrence data to cryptic taxa improves climatic niche assessments: <i>biodecrypt</i> , a new tool tested on European butterflies. <i>Global Ecology and Biogeography</i> , DOI:10.1111/geb.13154.	IF = 6.3 Q1 Geogr. Physical 17
<u>Di Febbraro M.</u> , <u>Menchetti M.</u> , Russo D., Ancillotto L., Aloise G., Roscioni F., Preatoni D.G., Loy A., Martinoli A., Bertolino S., Mori E. (2019) Integrating climate and land-use change scenarios in modelling the future spread of invasive squirrels in Italy. <i>Diversity and Distributions</i> , DOI:10.1111/ddi.12890.	IF = 4.6 Q1 Ecology 88
<u>Menchetti M.</u> , Guéguen M., Talavera G. (2019) Spatio-temporal ecological niche modelling of multigenerational insect migrations. <i>Proc. Biol. Sci</i> , 286: 20191583. DOI:10.1098/rspb.2019.1583	IF = 3.8 Q1 Evol. Biology 59
<u>Menchetti M.</u> , Mori E. (2014) Worldwide impact of feral parrots (Aves, Psittaciformes) on native biodiversity and environment: a review. <i>Ethology Ecology &amp; Evolution</i> , 26(2-3): 172-194.	IF = 1.3 Q2 Zoology 167

## Fellowships and Appointments

- 01/07/2025 – present **Marie Skłodowska-Curie Action Postdoctoral Fellowship** at the Museum für Naturkunde Berlin, Germany. 202,125.12 €.
- 19/06/2025 (renounced) Juan de la Cierva 2024 Postdoctoral grant, Spain. 75,500 €.
- 01/05/2024 – 31/12/2024 **Research Assistant** at the Butterfly Diversity and Evolution Lab, Institute of Evolutionary Biology (CSIC-UPF), Barcelona, Spain. Supported by Expanding Insect Genomics (EXIGEN) project.
- 15/10/2020 – 15/10/2023 “la Caixa” **Doctoral Fellowship** INPhINIT Retaining (grant LCF/BQ/DR20/11790020). 122,592€.
- 13/03/2020 – 12/09/2020 **Research Assistant** at the Numerical and Experimental Zoology Lab, Department of Biology, University of Florence, Italy. Phylogeography of Mediterranean butterflies.
- 01/06/2018 – 30/10/2019 **Research Assistant** (part-time) at the Butterfly Diversity and Evolution Lab, Institute of Evolutionary Biology (CSIC-UPF), Barcelona, Spain. Butterfly migration project, supported by National Geographic and Barcelona Zoo Foundation.

## Education

- 15/10/2020 – 7/06/2024 **PhD, Programme in Biomedicine**, Department of Medicine and Life Sciences, Universitat Pompeu Fabra, Barcelona, Spain. Thesis: Exploring the genetic diversity of European ants and butterflies. *Supervisors*: Roger Vila Ujaldon & Leonardo Dapporto.  
Defended and awarded: June 7 2024. **Excellent cum laude.**  
**UPF Extraordinary Award; CSIC Relevant Thesis Award.**
- 02/06 – 2/09/2022 Visiting scientist: W. Szafer Institute of Botany (Polish Academy of Sciences), Kraków, Poland. *Host*: Tomasz Suchan.
- 13/10/2014 – 23/01/2020 **Master Degree in Biology**, University of Florence (Italy).  
*Advisor*: Leonardo Dapporto; *Co-advisors*: Gerard Talavera and Roger Vila.  
**110 cum laude/110**
- 25/04 – 4/05/2019 Visiting scientist: Laboratory of Molecular Analyses, W. Szafer Institute of Botany (Polish Academy of Sciences), Kraków, Poland. *Host*: Tomasz Suchan.
- 01/04 – 2/09/2016 Erasmus traineeship: Butterfly Diversity and Evolution Lab, Institut de Biologia Evolutiva (CSIC-UPF), Barcelona, Spain. *Host*: Roger Vila Ujaldon.
- 20/09/2009 – 23/07/2014 **Bachelor’s Degree in Biological Sciences**, University of Florence (Italy).  
*Advisor*: Rita Cervo; *Co-advisor*: Alessandro Cini.  
**101/110**
- 17 – 23/08/2014 Traineeship, trapping red squirrels (*Sciurus vulgaris*), Gran Paradiso National Park, Aosta Valley, Italy. *Supervisor*: Sandro Bertolino.
- 03 – 08/2013 Traineeship, early detection of the invasive grey squirrels (*Sciurus carolinensis*), Arezzo (Italy). *Supervisors*: Sandro Lovari.
- 06 – 07/2012 Student intern, studying the personality in the social wasp *Polistes dominula*. *Supervisors*: Rita Cervo.

## Student Supervision

- (2025) Mónica Rodríguez Montoya (**PhD Advisory Committee**, Instituto de Ecología A.C. (INECOL), México). *2025-ongoing*.  
Jody H. Voges (Scientific Mentoring **PhD student**, Humboldt University, Berlin, Germany). *2025-ongoing*.  
Michele Bertoncini (Co-Supervisor **MSc thesis** Biology, University of Pisa, Italy). “Ants of the Tuscan Archipelago: an updated checklist with a special focus on Giannutri island”.
- (2024) Josep Lancho Silva (Scientific Mentoring **PhD student**, Genetics program, University of Barcelona). *2024-ongoing*.
- (2023) Eric Toro Delgado (Scientific Mentoring **PhD student**, Biodiversity program, University of Barcelona). *2023-ongoing*.
- (2022) Maria Serracanta Fernández (Co-supervisor **BSc final work** Genetics, Universitat Autònoma de Barcelona, Spain). “COI DNA barcoding in ants, keystones of the global Earth ecosystem”.  
Enrico Schifani (Scientific Mentoring **PhD student**, University of Parma). Carried at the Butterfly Diversity and Evolution Lab, Institut de Biologia Evolutiva (CSIC-UPF), Barcelona, Spain in *2022* and *2023*.
- (2021) Elisabetta Sbrega (Co-supervisor **extracurricular traineeship**, 2<sup>nd</sup> year master student in Cell Biology and Technology, La Sapienza Università di Roma, Italy). Carried at the Butterfly Diversity and Evolution Lab, Institut de Biologia Evolutiva (CSIC-UPF), Barcelona, Spain.  
Mireia Garreta Navó (Co-supervisor **curricular traineeship**, 4<sup>th</sup> year bachelor student in Environmental Biology at the Universitat Autònoma de Barcelona, Spain). Carried at the Butterfly Diversity and Evolution Lab, Institut de Biologia Evolutiva (CSIC-UPF), Barcelona, Spain.  
Maria Serracanta Fernández (Co-supervisor **extracurricular traineeship**, 2<sup>nd</sup> year bachelor student in Genetic at the Universitat Autònoma de Barcelona, Spain). Carried at the Butterfly Diversity and Evolution Lab, Institut de Biologia Evolutiva (CSIC-UPF), Barcelona, Spain.
- (2020) Lorenzo Pasquali (Co-supervisor **MSc thesis** Natural Sciences, University of Florence, Italy). “Impact of climate change on future demography and genetic differentiation in five high mountain butterflies (*Erebia* spp.)”.  
Ginevra Sistri (Scientific Mentoring **MSc thesis** Biological Sciences, University of Florence, Italy). “Prediction of genetic diversity loss in high mountain butterfly populations (*Erebia*spp.) due to climate change”.  
Silvia Sernissi (Co-supervisor **BSc thesis** Biological Sciences, University of Florence, Italy). “The contribution of monitoring and citizen science to the knowledge of butterflies of the Casentinesi Forest National Park”.  
Giulia Magini (Co-supervisor **curricular traineeship**, 3<sup>rd</sup> year bachelor student in Natural Sciences, University of Florence, Italy). Carried at the Numerical and Experimental Zoology Lab, Department of Biology, University of Florence, Italy.  
Sofia Sapianti (Co-supervisor **curricular traineeship**, 3<sup>rd</sup> year bachelor student in Natural Sciences, University of Florence, Italy). Carried at the Numerical and Experimental Zoology Lab, Department of Biology, University of Florence, Italy.  
Matteo Dal Cin (Co-supervisor **curricular traineeship**, 3<sup>rd</sup> year bachelor student in Natural Sciences, University of Florence, Italy). Carried at the Numerical and Experimental Zoology Lab, Department of Biology, University of Florence, Italy.
- (2019) Chiara Chessa (Co-supervisor **BSc thesis** Biology, Sapienza Università di Roma, Italy). “Parrocchetto dal collare e parrocchetto monaco in Italia: aggiornamento dello stato attuale delle popolazioni.”
- (2019) Mattia Ricci (Co-supervisor **BSc thesis** Natural Sciences, Università di Siena, Italy).

## Teaching

- (2023) **Zoology**, Universitat Pompeu Fabra (UPF), Barcelona. (BSc course, Teaching Assistant 60 hours)
- (2022) **Zoology**, Universitat Pompeu Fabra (UPF), Barcelona. (BSc course, Teaching Assistant, 60 hours)
- (2020) **Animal biodiversity**, University of Florence. (MSc course, contributor)
- (2016) **Climate change and ecophysiology**, University of Florence. (MSc course, contributor)
- Animal biodiversity**, University of Florence. (MSc course, Teaching Assistant, 20 hours)

## Research Projects as Principal Investigator

2026-2027: MYNA-OUT: Italy's initiative for a myna-free future. European Invasive Alien Species Rapid-Response Fund. Project Application Grant 8397. IUCN Save Our Species, co-funded by the European Union. Co-applicants: Emiliano Mori & **Mattia Menchetti**. 45,000 €

2025-2027: The genomic legacy of major human transitions in Mediterranean ants across history (AntTRAILS). Marie Skłodowska-Curie Action. HORIZON-MSCA-2024-PF-01 (101206623). Principal investigator: **Mattia Menchetti**. 202,125.12 €

2020- 2023: The Genetic map of European ants. Grant LCF/BQ/DR20/11790020, “la Caixa” Doctoral Fellowship INPhINIT Retaining. “La Caixa” Foundation (ID 100010434). Principal investigator: **Mattia Menchetti**. Research funding 10,692€. Total: 122,592€.

## Member of Projects

2023-2026: Expanding Insect Genomics (EXIGEN) (PID2022-139689NB-I00). Plan Nacional I+D+i. (MCIN/AEI/ERDF). Principal investigator: Roger Vila. 252,500€

2019-2025: Collaborative Research: Ants of the world. National Science Foundation (USA) DEB-2019431. Principal Investigators: Brian L Fisher & Bonnie B Blaimer. \$1,259,159.

2020-2023: Genomics of speciation in butterflies (GENOMAR) (PID2019-107078GB-I00). Plan Nacional I+D+i. (MCIN/AEI). Principal investigator: Roger Vila. 179,000€

2020: Genómica de la especiación en organismos no-modelo: explorando el continuo de diversificación en las mariposas Europeas (2019AEPO59). Ayudas Extraordinarias para la preparación de proyectos 2019. Plan Nacional I+D+i. Ministerio de Ciencia, Innovación y Universidades. Principal investigator: Roger Vila. 10,607€

2021-2024: Behavioral and ecological genomics of insect migration (ENTOMIGROME) (PID2020-117739GA-I00). Plan Nacional I+D+i. Spanish Ministerio de Economía y Competitividad. Principal investigator: Gerard Talavera. 196,000€

2019-2021: Genetic and climatic assessment to reintroduce the butterfly *Euchloe bazae* in Catalonia. Barcelona Zoo Foundation, Grants for *in situ* species and habitat research and/or conservation projects. Principal investigator: Roger Vila. 15,000€

2018-2020: The longest butterfly migration: monitoring and conservation of the Painted Lady butterfly breeding sanctuaries in tropical Africa (WW1-300R-18). RFPs for Long-Distance Animal Migration. National Geographic Society. Principal investigator: Gerard Talavera. \$147,000

2018: Mediterranean butterflies meet the lions: An African monitoring network to study and preserve trans-Saharan migrations. Barcelona Zoo Foundation Pric Grant Application. Principal investigator: Gerard Talavera. 8,000€

2016-2019: Speciation genomics in non-model organisms: exploring the diversification continuum in European butterflies (RADMAR) (CGL2016-76322-P). Plan Nacional I+D+i. (AEI/FEDER, UE). Principal investigator: Roger Vila. 179,080€

2015-2018: MIGRATION— The most cosmopolitan animal migration: phylogeography and population genomics of the butterfly *Vanessa cardui* (FP7-PEOPLE-2013-IOF\_622716). Marie Curie Actions— International Outgoing Fellowships (IOF). Scientist in Charge/Coordinator: Roger Vila. Research Fellow: Gerard Talavera. 254,474€

2015-2017: Eco-PhyloGeo— Linking phylogeography to ecology: extracting rules for butterfly biodiversity at large spatial scale (H2020-MSCA-IF-2014-EF\_658844). Marie Curie Actions—European Fellowships (EF). Scientist in Charge/Coordinator: Roger Vila. Research Fellow: Leonardo Dapporto. 170,122€

2014-2016: Dynamics of Mediterranean butterflies in a phylogeographic framework: mapping genetic diversity across time and space (DynaGen) (CGL2013-48277-P). Plan Nacional I+D+i. Spanish Ministerio de Economía y Competitividad. Principal investigator: Roger Vila. 181,500€

2014-2015: Deep Africa project: The mystery of the European butterflies vanishing into the Sahara (9528-1). Committee for Research & Exploration. National Geographic Society. Principal investigator: Roger Vila. \$19,000

### Member of Research Groups/Consortia

2024-current: Utilizing 10,000 genomes of European Lepidoptera (10kLepGenomes). COST Action CA23122. COST (European Cooperation in Science and Technology). Action Chair: Niklas Wahlberg; Action Vice Chair: Vlad Eugen Dinca. 500,000€.

2023-current: Grup de Recerca Consolidat (SGR) Biodiversity Generalitat de Catalunya (2021 SGR 00420). Principal investigator: Rosa Fernández. 60,000€.

2014-2017: European network on invasive parakeets: Understanding invasion dynamics and risks to agriculture and society (ParrotNet). COST Action ES1304. COST (European Cooperation in Science and Technology). Action Chair: Jim Groombridge; Action Vice Chair: Diederik Strubbe. 415,490.00€

### Field Experience

Countries where field work activities have been carried, with the approximate number of field work days in brackets: Italy (195), Spain (90), Poland (20), Senegal (9), Benin (13), Morocco (9), Papua New Guinea (9), Tunisia (8), Philippines (8), Ethiopia (8), Bosnia (6), Israel (3), Switzerland (1), France (1), Germany (1).

I have **led field expeditions** in Italy, Spain, Bosnia, Ethiopia, and Philippines.

### Awards

2025 CSIC Relevant Thesis Award; [Spanish National Research Council \(CSIC\)](#) year 2024.

2025 UPF PhD thesis Extraordinary Award; [Pompeu Fabra University \(UPF\)](#) academic year 2023-2024.

2013 Best poster award. 2° Convegno Nazionale sui Piccoli Mammiferi, Ercolano, Naples (Italy); 24-25/10/2013.

2013 Best poster award. IX Incontro dottorandi in ecologia e scienze ambientali, Milan (Italy); 15-18/04/2013.

### Languages

Italian (Mother-tongue), English (C1), Spanish (B2), Catalan (A2).

### Peer-reviewed Journal Articles (Scopus indexed)

*When names are underlined, authors equally contributed to the paper.*

97. Voges J.H., Salata S., Borowiec L., Bujan J., Georgiadis C., Karaman C., Kiran K., Lapeva-Gjonova A., Lebas C., Menchetti M., Schifani E., Taheri A., Blaimer B.B. (*in press*) Evolution of *Crematogaster sordidula*

- (Hymenoptera, Formicidae) ants in the Mediterranean region during Plio-Pleistocene climatic changes. *Zoologica Scripta*. *in press*. [Q1]
96. Arcos J., López-Collar D., **Menchetti M.**, Hamer M. T., Logachev M., Pinto T., Rosado Á. (*in press*) Non-native ants of the Iberian Peninsula: a 2025 update. *Sociobiology*. *In press*. [Q4]
95. **Menchetti M.**, Hinojosa J. C., Vila R., Wright C. J., Meier J. I., Blaxter M. (2026) The genome sequence of the Portuguese Dappled White, *Euchloe tagis* (Hübner, 1804) (Lepidoptera: Pieridae). **Wellcome Open Research**. DOI: 10.12688/wellcomeopenres.25883.1. [Q2]
94. Vila R., **Menchetti M.**, Wright C. J., Meier J. I., Blaxter M. (2026) The genome sequence of the Common Zebra Blue butterfly, *Leptotes pirithous* (Linnaeus, 1767) (Lepidoptera: Lycaenidae). **Wellcome Open Research**. DOI: 10.12688/wellcomeopenres.25846.1. [Q2]
93. **Menchetti M.**, Hinojosa J. C., Kaminski L., Vila R., Wright C. J., Meier J. I., Blaxter M. (2026) The genome sequence of the Sage Skipper, *Muschampia proto* (Ochsenheimer, 1808) (Lepidoptera: Hesperidae). **Wellcome Open Research**. DOI: 10.12688/wellcomeopenres.25829.1. [Q2]
92. Vila R., **Menchetti M.**, Wright C. J., Meier J. I., Blaxter M. (2026) The genome sequence of the Cardinal, *Argynnis pandora* (Denis & Schiffermüller, 1775) (Lepidoptera: Nymphalidae). **Wellcome Open Research**. DOI:10.12688/wellcomeopenres.25722.1. [Q2]
91. **Menchetti M.**, Hinojosa J. C., Vila R., Wright C. J., Meier J. I., Blaxter M. (2026) The genome sequence of the Provence Hairstreak, *Tomares ballus* (Fabricius, 1787) (Lepidoptera: Lycaenidae). **Wellcome Open Research**. DOI:10.12688/wellcomeopenres.25725.1. [Q2]
90. **Menchetti M.**, Hinojosa J.C., Vila R., Wright C.J., Meier J.I., Blaxter M.L. (2026) The genome sequence of the Spanish Festoon, *Zerynthia rumina* (Linnaeus, 1758) (Lepidoptera: Papilionidae). **Wellcome Open Research**. DOI:10.12688/wellcomeopenres.25724.1. [Q2]
89. Wright C. J., Wahlberg N., Vila R., Mutanen M., Matos-Maraví P., Lucek K., Kleckova I., Dapporto L., Dincă V., Bruschini C., Wheat C. W., Vila M., Torrado-Blanco L., Todisco V., Rindos M., Nguyen P., Mulhair P. O., Kamenova S., Hicks M., Espeland M., Drinnenberg I. A., Doblas-Bajo M., Bailey R. I., The Project Psyche Community [Absolon D., Baixeras J., Baral S., Bertocchini F., Beshkov S., Boman J., Bordoni A., Boussau B., Bridle J., Challis R., Chkhartishvili T., Cornet C., Decroly T., Despres L., Downes L., Escuer P., Elias M., Emerson B., Fabusova M., Fric Z. F., Gauthier J., Hévin N., Huemer P., Hundsdorfer A. K., Joron M., Keskin E., Kriegerova E., Kustatscher E., La Cava S., Lancho J., Linke D., Littmann L., Lohse K., Marques V., McKenna D., **Menchetti M.**, Meyer M., Moreira T., Nahirnić-Beshkova A., Nazari V., Nunez R., Ortiz A. S., Öunap E., Pohjoismäki J., Potocký P., Przybyłowicz Ł., Repullés M., Rota J., Scalercio S., Schattaneck-Wiesmar B., Schattaneck-Wiesmar P., Schmitz D., Sotero-Caio C. G., Spilani L., Spilker C., Sramkó G., Stewart J., Stojanovic D. V., Suchackova Bartonova A., Tarmann G., Toro-Delgado E., Thallinger G. G., Ulaşlı B., Vallinmäki M., Pérez Santa Rita J. V., Visacki V., Vrba P., Weber C. C., Wiemers M., Wiorek M., Yapar E., Zlatkovic M., Zucco G.], Blaxter M., Meier J. I. (2025) Project Psyche: reference genomes for all Lepidoptera in Europe. *Trends in Ecology & Evolution*. DOI: 10.1016/j.tree.2025.10.007. [Q1]
88. Schifani E., **Menchetti M.**, Csósz S., Vila R. (2025) Inflated taxonomy in the West Mediterranean *Temnothorax algericus* complex (Hymenoptera, Formicidae) revealed by quantitative morphology. *Zootaxa*, 5691 (2), 257–276. DOI: 10.11646/zootaxa.5691.2.4. [Q2]
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  15. Mori E., **Menchetti M.**, Balestrieri A. (2015) Interspecific den-sharing: a study on Eurasian badger setts by camera traps. *Acta Ethologica*, 18(2):121–126. [Q2]
  14. Panzeri M., Mori E., Mazza G., **Menchetti M.** (2014) Records of introduced stripe-necked terrapins (*Mauremys* species) in Italy. *Acta Herpetologica*, 9(2): 227–230. [Q2]
  13. Ancillotto L., Mazza G., **Menchetti M.**, Mori E. (2014) Host specificity of the badger's flea (*Paraceras melis*) and first detection on a bat host. *Parasitology Research*, 113(10): 3909–3912. [Q1]
  12. Panzeri M., **Menchetti M.**, Mori E. (2014) Variation in habitat use and diet of resident Eurasian scops-owls. *Ardeola*, 61(2): 393–399. [Q2]
  11. Mori E., **Menchetti M.**, Dartora F. (2014) Evidence of carrion consumption behaviour in the long-eared owl *Asio otus* (Linnaeus, 1758) (Aves: Strigiformes: Strigidae). *Italian Journal of Zoology*, 81(3): 471–475. [Q2]
  10. **Menchetti M.**, Scalera R., Mori E. (2014) First record of a possibly overlooked impact by alien parrots on a bat (*Nyctalus leisleri*). *Hystrix*, 25(1): 61–62. [Q2]
  9. Mori E., **Menchetti M.**, Dondini G., Biosa D., Vergari S. (2014) Theriofauna of SCI “Poggi di Prata” (Grosseto, Italy): checklist of terrestrial mammals and preliminary data on Chiroptera. *Check List*, 10(4): 718–723. [Q3]
  8. **Menchetti M.**, Mori E. (2014) Worldwide impact of feral parrots (Aves, Psittaciformes) on native biodiversity

- and environment: a review. *Ethology Ecology & Evolution*, 26(2-3): 172-194. [Q2]
7. Bruni G., **Menchetti M.**, Ricciardi G., Vannini A., Mori E. (2014) Feeding the chicks of the others: an unexpected case of heterospecific altruistic behaviour in a non-breeding migrant tern (Charadriiformes, Sternidae). *Ornis Hungarica*, 22(1): 76-80. [Q3]
  6. Mori E., **Menchetti M.**, Ferretti F. (2014) A silent wintering: do seasons and environmental features influence the calling behaviour of Eurasian Scops Owls? *Bird Study*, 61(2): 277-281. [Q3]
  5. Mori E., Bruni G., Domeneghetti D., **Menchetti M.** (2013) *Pelophylax synklepton hispanicus* (Bonaparte, 1839) on the branches of a tree: description of an unusual behaviour. *Herpetology Notes*, 6: 515-517. [Q3]
  4. Mori E., Maggini I., **Menchetti M.** (2013) When quills kill: The defence strategy of the crested porcupine *Hystrix cristata* L., 1758. *Mammalia*, 78(2): 229-234. [Q2] Paper covered by Science and Smithsonian.
  3. Mori E., Ancillotto L., **Menchetti M.**, Romeo C., Ferrari N. (2013) Italian red squirrels and introduced parakeets: victims or perpetrators? *Hystrix*, 24(2): 195-196. [Q2]
  2. Cantini M., **Menchetti M.**, Vannini A., Giacomo Bruni G., Borri B., Mori E. (2013) Checklist of Amphibians and Reptiles in a hilly area of Southern Tuscany (Central Italy): an update. *Herpetology Notes*, 6:223-228. [Q3]
  1. Bruni G., Boggiano F., **Menchetti M.**, Mori E. (2013) First reports of egg predation by an unpaired Eurasian Coot (*Fulica atra*) on Black-winged Stilt (*Himantopus himantopus*): two cases from Central Italy. *Italian Journal of Zoology*, 80: 313-316. [Q2]

#### Peer-reviewed Journal Articles (non-Scopus indexed)

8. Giuntini S., Lipparelli T., Mori E., Viviano A., **Menchetti M.**, Ancillotto L. (2025) Unveiling the occurrence of new aliens in town: the case of conures from urban areas of Italy. *Arxius de Miscel-lània Zoològica*, 23: 91-94, DOI: 10.32800/amz.2025.23.009. [Q4]
7. **Menchetti M.**, Mori E., Ceccolini F., Paggetti E., Pizzocaro L., Cianferoni F. (2016) New occurrences of the alien invasive species *Harmonia axyridis* (Pallas, 1773) in Southern Italy (Coleoptera: Coccinellidae). *Onychium*, 12: 137-139.
6. Pârâu L.G., Strubbe D., Mori E., **Menchetti M.**, Ancillotto E., van Kleunen A., White R.L., Luna Á., Hernández-Brito D., Le Louarn M., Clergeau P., Albayrak T., Franz D., Braun M.P., Schroeder J., Wink M. (2016) Rose-ringed Parakeet *Psittacula krameri* populations and numbers in Europe: a complete overview. *The Open Ornithology Journal*, 9:1-13.
5. **Menchetti M.**, Ancillotto L., Russo D., Bertolino S., Bettacchioli G., Mori E. (2015) New records of the alien invasive species *Harmonia axyridis* (Pallas, 1773) in Italy (Coleoptera: Coccinellidae). *Onychium*, 11: 139-142.
4. Mori E., **Menchetti M.** (2014) “Sometimes they come back”: citizen science reveals the presence of the Italian red squirrel in Campania. *Quaderni del Museo di Storia Naturale di Ferrara*, 2: 91-94.
3. Mori E., **Menchetti M.**, Mazza G., Scalisi M. (2014) A new area of occurrence of an endemic Italian hare inferred by camera trapping. *Bollettino del Museo Regionale di Scienze Naturali di Torino*, 30(1-2): 123-130.
2. Vannini A., **Menchetti M.**, Mori E. (2013) L'avifauna del pSIC “Poggi di Prata” (Grosseto, Toscana). *Alula*, 01/2014; XX(1-2): 101-113.
1. Mori E., **Menchetti M.**, Bruni G., Vannini A., Borri B. (2013) Segnalazione 247. In: Peruzzi L., Viciani D., Bedini G. (eds.), Contributi per una flora vascolare di Toscana. V (247-319). *Atti Soc. Tosc. Sci. Nat., Mem., ser. B*, 120: 35-44. [Q4]

#### Book Chapters (peer-reviewed)

3. Mori E., **Menchetti M.** (2021) The Ecological Impacts of introduced parrots. In: Pruet J. (eds.) *Naturalized Parrots of the World: Distribution, Ecology, and Impacts of the World's Most Colorful Colonizers*. Princeton University Press.
2. Mori E., Meini S., Strubbe D., Ancillotto L., Sposimo P., **Menchetti M.** (2018) Do Alien Free-Ranging Birds Affect Human Health? A Global Summary of Known Zoonoses. In: Mazza G., Tricarico E. (eds). **Invasive species and human health**, CABI Invasives Series. CPI Group, Preston (UK). ISBN-13:978 1 78639 098
1. **Menchetti M.**, Mori E., Angelici F.M. (2016) Effects of the recent world invasion by Ring-necked parakeets *Psittacula krameri* (pp. 253-266). In: Angelici F.M. (ed). *Problematic Wildlife. A Cross-Disciplinary Approach*. Springer International, Cham, xvi + 603 pp.

## Publications (In Preparation & Under Review)

3. Schifani E., Cilia G., Vila R., **Menchetti M.** (*Under Review*) The invasion of *Solenopsis invicta* in Italy: wider distribution, penetration into natural habitats, and co-occurring ants. *Under review in Myrmecological News*.
2. **Menchetti M.**, Schifani E., García F., Schär S., Sbrega E., Balevich N., Blaimer B., Borowiec L., Cioppa D., Corbella C., Dincă V., Gentile V., Giotis I., Gómez K., Gómez Durán J.M., Kalaentzis K., Lapeva-Gjonova A., Mori E., Talavera G., Tinaut A., Ruano F., Salata S., Sequeira E., Serracanta M., Suchan T., Hebert P.D.N., Dapporto L., Vila R. (*Under Review*) The genetic maps of European ants: a roadmap for phylogeography and species discovery. *Under Review in Molecular Ecology Resources*.
1. Schifani E., Salem I.B., Sbrega E., Blight O., Vila R., **Menchetti M.** Invasion history of the Afrotropical crazy ant *Nylanderia jaegerskioeldi* in the Western Palearctic. *Expected submission: Early 2026*

## Congresses

*Underlined name indicates the presenter.*

- 2026 **Menchetti M.**, Blaimer B., Borowiec L., Corbella C., García F., Gómez K., Gómez Durán J.M., Lapeva-Gjonova A., Tinaut A., Ruano F., Salata S., Sbrega E., Serracanta M., Schär S., Schifani E., Suchan T., Hebert P.D.N., Dapporto L., Vila R. DNA barcode reference library for European ants: a roadmap for phylogeography and species discovery. The International Biogeography Society, 12th Biennial Conference. Aarhus, Denmark, 6-10 Jan 2026. Poster
- 2025 **Menchetti M.**, Blaimer B., Borowiec L., Corbella C., García F., Gómez K., Gómez Durán J.M., Lapeva-Gjonova A., Tinaut A., Ruano F., Salata S., Sbrega E., Serracanta M., Schär S., Schifani E., Suchan T., Hebert P.D.N., Dapporto L., Vila R. The genetic maps of European ants: a roadmap for phylogeography and species discovery. Biodiversity Day. 22 May 2025, Palma de Mallorca. Poster
- 2024 **Menchetti M.**, Blaimer B., Borowiec L., Corbella C., García F., Gómez K., Gómez Durán J.M., Lapeva-Gjonova A., Tinaut A., Ruano F., Salata S., Sbrega E., Serracanta M., Schär S., Schifani E., Suchan T., Hebert P.D.N., Dapporto L., Vila R. The genetic maps of European ants: a roadmap for phylogeography and species discovery. Biodiversity Day. 22 May 2024, Barcelona. Poster
- 2024 **Menchetti M.**, Blaimer B., Borowiec L., Corbella C., García F., Gómez K., Gómez Durán J.M., Lapeva-Gjonova A., Tinaut A., Ruano F., Salata S., Sbrega E., Serracanta M., Schär S., Schifani E., Suchan T., Hebert P.D.N., Dapporto L., Vila R. The genetic maps of European ants: a roadmap for phylogeography and species discovery. European IUSSI congress (International Union Study of Social Insects), 11 July 2024, Lausanne, Switzerland. Oral presentation
- 2024 Mori E., Simoncini A., Ancillotto L., Viviano A., **Menchetti M.**, Mazza G., Falaschi M. (2024). Northern raccoon in Central Italy: a story of escapes and expansion. Second Colloquium Euroracoon, Stia-Pratovecchio (Arezzo), 18-20 April 2024. Oral presentation
- 2023 Talavera, G., Gorki, L., Toro-Delgado, E., López-Mañas, R., Reich, M., **Menchetti, M.**, Domingo-Marimon, C., Sáez, L., Pierce, N., Vila, R., Bataille, C., Suchan, T. (2023) Migration ecology in insects: integrative approaches to trace long-distance movements of the Painted Lady butterfly (*Vanessa cardui*). EGU23 General Assembly, 24–28 Apr 2023, EGU23-11884, Vienna, Austria, <https://doi.org/10.5194/egusphere-egu23-11884>, 2023.
- 2023 Dapporto L, **Menchetti M.**, Vodá R, Corbella C, Cuvelier S, Djemadi I, Gascoigne-Pees M, Hinojosa JC, Lam NT, Serracanta M, Talavera G, Dincă V, Vila R. (2023) The Atlas of mitochondrial genetic diversity for Western Palearctic butterflies. V Congreso Ibérico de Sistemática Biológica, 23-26/10/2023, Madrid (Spain). Poster.
- 2021 Dapporto L, **Menchetti M.**, Vodá R, Corbella C, Cuvelier S, Djemadi I, Gascoigne-Pees M, Hinojosa JC, Lam NT, Serracanta M, Talavera G, Dincă V, Vila R. (2023) The Atlas of mitochondrial genetic diversity for Western Palearctic butterflies. XII European Congress of Entomology, 16-20/10/2023, Heraklion, Crete (Greece). Poster.
- 2021 Mori E., **Menchetti M.** (2021). Uso delle fototrappole per stimare i ritmi di attività dei mammiferi. Workshop “Il fototrappolaggio a fini scientifici. Dalla scelta della fototrappola all’analisi dei dati”. Gruppo MesoCarnivori di ATIt, Museo di Storia Naturale della Maremma, Grosseto, Italy.

- 2021 **Menchetti M.**, Borowiec L., García F., Gómez K., Hebert P.D.N., Lapeva-Gjonova A., Tinaut Ranera J.A., Ruano F., Salata S., Schär S., Schifani E., Suchan T., Dapporto L., Vila R. (2021) The project “The Genetic Map of European Ants”. XI AISASP Student Meeting, Parma (online), 30 April 2020. Presentation
- 2019 **Mori E.**, Russo D., **Menchetti M.**, Ancillotto L. (2019). Impacts of introduced parakeets on native bats in Europe. In: Roscioni F., Pidinchedda E., Preatoni D.G. (Eds.) IV Convegno Italiano sui Chiroterri, Padova, 17-19 Ottobre 2019: 38.
- 2018 **Gramolini L.**, Senczuk G., Avella I., Mori E., **Menchetti M.**, Aloise G., Castiglia R. (2018). Phylogeography and gene flow in a polytypic species: *Hierophis viridiflavus* (Squamata, Serpentes). XII Congress of the Societas Herpetologica Italica, DOI: 10.13140/RG.2.2.28049.48489.
- 2018 **Menchetti M.**, Mori E., Milanese P. (2018). Capitalizing citizen science data to develop species distribution models: an example with iNaturalist and Italian terrestrial mammals. *Hystrix*, the Italian Journal of Mammalogy (Suppl. 29): 41. Oral presentation
- 2018 **Zozzoli R.**, **Menchetti M.**, Solano E., Mori E. (2018). Small mammal species-diversity on the west bank of the Piave river (Belluno, NE Italy). *Hystrix*, the Italian Journal of Mammalogy (Suppl. 29): 98.
- 2018 **Mori E.**, **Menchetti M.**, Nerva L., Zozzoli R., Capizzi D., Monaco A., Milanese P. (2018) The importance of taxonomic level in biological invasions: the case of invasive chipmunks at global scale. *Hystrix*, the Italian Journal of Mammalogy (Suppl. 29): 7. Oral presentation
- 2017 **Vodă R.**, Dapporto L., Cini A., **Menchetti M.**, Bonelli S., Casacci L.P., Dincă V., Scalercio S., Hinojosa J.C., Biermann H., Forbicioni L., Mazzantini U., Venturi L., Zanichelli F., Balletto E., Shreeve T.G., Dennis R.L.H., Vila R. (2017) An integrated molecular and ecological trait dataset for the Tuscan Archipelago butterflies: a resource to understand the evolution and extinction of island biodiversity. 7<sup>th</sup> International Barcode of Life Conference. November 20-24, Kruger National Park, South Africa. Flash talk + poster.
- 2017 **Postigo J.-L.**, Strubbe D., Ancillotto L., Dhermain F., Latsoudis P., **Menchetti M.**, Mori E., Parau L., Parrot D., Per E., Reino L., da Silva F., Carneiro I., Van Kleunen A., Weiserbs A., Senar J.C. (2017) Mediterranean versus Atlantic Monk parakeets: towards a differentiate management at the European Scale? 11th European Vertebrate Pest Management Conference, Warsaw, Poland; 25-29/09/2017. Oral presentation
- 2017 **Vodă R.**, Dapporto L., Cini A., **Menchetti M.**, Bonelli S., Casacci L.P., Dincă V., Scalercio S., Hinojosa J.C., Biermann H., Forbicioni L., Mazzantini U., Venturi L., Zanichelli F., Balletto E., Shreeve T., Dennis R.L.H., Vila R. (2017) Evolution and extinction patterns of the Tuscan Archipelago butterflies. Second Joint Meeting of Société Zoologique de France and Unione Zoologica Italiana. 18-23 September, Torino, Italy. Talk
- 2017 **Vodă R.**, Dapporto L., Cini A., **Menchetti M.**, Bonelli S., Casacci L.P., Dincă V., Scalercio S., Hinojosa J.C., Biermann H., Forbicioni L., Mazzantini U., Venturi L., Zanichelli F., Balletto E., Shreeve T.G., Dennis R.L.H., Vila R. (2017) An integrated molecular and ecological trait dataset for the Tuscan Archipelago butterflies: a resource to understand the evolution and extinction of island biodiversity. 20<sup>th</sup> European Congress of Lepidopterology. April 24-30, Podgora, Croatia. Flash talk + poster.
- 2016 **Menchetti M.**, Cini A., Voda R., Scalercio S., Dinca V., Casacci L.P., Talavera G., Bonelli S., Balletto E., Dennis R., Vila R., Ciolli G., Dapporto L. (2016) “An Open Access database for DNA barcodes, occurrences, behavioural and ecological traits of European butterflies”. XXV Congresso Nazionale Italiano di Entomologia, Padova (Italy); 20-24/06/2016. Oral presentation
- 2016 **Dapporto L.**, Cini A., **Menchetti M.**, Voda R., Bonelli S., Casacci L.P., Dinca V., Scalercio S., Forbicioni L., Mazzantini U., Venturi L., Zanichelli F., Balletto E., Shreeve T.G., Dennis R.L.H., Vila R. (2016) Integrating distributions, community structure and genetic data to understand the biogeography of west-Mediterranean butterflies. XXV Congresso Nazionale Italiano di Entomologia, Padova (Italy); 20-24/06/2016. Oral presentation
- 2016 **Cianferoni F.**, De Felici S., **Menchetti M.** (2016) Citizen Science and the challenge of the neglected insects: a focus on the aquatic Heteroptera. 1st International ECSA Citizen Science Conference, Berlin; 19–21/05/2016. Poster
- 2016 **Grandi G.**, **Menchetti M.**, Mori E. (2016) Use of putlog holes of the Visconti Castle by breeding ring-necked parakeets (*Psittacula krameri*) in Pavia (Northern Italy). III Congresso Nazionale Fauna Problematica, Cesena; 24-26/11/2016: 90-91. Poster
- 2016 **Casacci, L.P.**, Dapporto, L., Cini, A., **Menchetti, M.**, Vodă, R., Bonelli, S., Dincă, V., Scalercio, S., Forbicioni, L., Mazzantini, U., Venturi, L., Zanichelli, F., Shreeve, T., Balletto, E., Dennis, R., Vila, R. (2016) Coupling academia and society facilitates the discovery and protection of a multifaceted butterfly fauna on islands. Future 4 Butterflies in Europe. March 31 – April 2, Wageningen, Netherlands. Poster

- 2016 Ancillotto L., Notomista T., Mori E., **Menchetti M.**, Bertolino S., Russo D. (2016). Distribution, detectability and abundance of *Callosciurus finlaysonii* in a patchy landscape of Southern Italy: a first assessment. Atti del X Congresso Nazionale di Teriologia: 5.
- 2016 Dapporto, L., Cini, A., **Menchetti, M.**, Voda, R., Bonelli, S., Casacci, L.P., Dincă, V., Scalercio, S., Forbicioni, I., Mazzantini, U., Venturi, I., Zanichelli, F., Balletto, E., Shreeve, T., Dennis, R., Vila, R. La biogeografia delle farfalle del Mediterraneo occidentale: distribuzione, struttura di comunità e genetica di popolazioni per un approccio integrato. XXV Congresso Nazionale Italiano di Entomologia. 20-24 June 2016, Padova, Italy. Talk.
- 2015 Cini A., Cappa F., **Menchetti M.**, Signorotti L., D’Ettorre P., Cervo R. (2015) Personalità nella vespa sociale *Polistes dominula*. XXVI Convegno Nazionale della Società Italiana di Etologia, Parma; 24-26/06/2015: 11. Oral presentation
- 2014 Mori E., Nourisson D.H., Lovari S., Romeo G., Sforzi A. (2014). Moonlight avoidance in the crested porcupine. *Hystrix*, Atti del IX Congresso Nazionale di Teriologia: 119 Oral presentation
- 2014 Mori E., Dondini G., Vergari S., **Menchetti M.** (2014). Theriofauna of SCI “Poggi di Prata” (Grosseto, Italy): a checklist created through a combination of different methods. *Hystrix*, Atti del IX Congresso Nazionale di Teriologia: 119
- 2014 **Menchetti M.**, Panzeri M., Mazza G., Di Febbraro M., Sonzogni D., Mori E. (2014). Raccoons to conquer Italy: may isolated observations help the invasion process?. *Hystrix*, Atti del IX Congresso Nazionale di Teriologia: 117.
- 2013 **Menchetti M.**, Mori E. (2013). Can citizen-based surveys be useful for native species conservation? The case of native squirrels in Italy. In: Bertolino S., Capizzi D., Mori E., Colangelo P., Scaravelli D. (2013). Secondo convegno Italiano sui Piccoli Mammiferi – Libro dei Riassunti: 40. **Best poster award.**
- 2013 Ancillotto L., **Menchetti M.**, Mori E. (2013) Impacts of free-ranging cats. Are they a consistent threat for Italian wildlife?. IX Incontro dottorandi in ecologia e scienze ambientali, Milano; 15-18/04/2013: 67. (Poster) **Best poster award.**
- 2013 Ancillotto L., Mori E., **Menchetti M.** (2013). Not only mice and rats: small mammals predations by free-ranging cats in Italy, a first assessment. In: Bertolino S., Capizzi D., Mori E., Colangelo P., Scaravelli D. (2013). Secondo convegno Italiano sui Piccoli Mammiferi – Libro dei Riassunti: 31.
- 2013 Mori E., Corsini B., Mazza G., **Menchetti M.** (2013). From the shores to the cities: road mortality of the crested porcupine in Southern Tuscany. In: Bertolino S., Capizzi D., Mori E., Colangelo P., Scaravelli D. (2013). Secondo convegno Italiano sui Piccoli Mammiferi – Libro dei Riassunti: 41.
- 2013 **Menchetti M.**, Cini A., Signorotti L., d’Ettorre P. & Cervo R. (2013) Preliminary study of personality in the social wasp *Polistes dominula*. 3° AISASP Student Meeting, University of Florence, via Romana 17 (FI); 15/02/2013: 39. Oral presentation
- 2012 Mori E., **Menchetti M.**, Di Febbraro M. (2012). Alieni in Toscana: primi dati di presenza dello scoiattolo grigio (*Sciurus carolinensis*) in provincia di Arezzo. Atti del LXXIII Congresso Nazionale dell’Unione Zoologica Italiana, Firenze 24-27/09/2012: 61. Poster

#### Scientific Seminars

- 12/11/2025 **Menchetti M.** “From DNA barcodes to macrogenetics: narrowing knowledge gaps between ants and butterflies”. Biodiversity Discovery Seminars. Museum für Naturkunde, Berlin (Germany).
- 17/11/2021 **Menchetti M.** “The genetic map of European ants”. Seminar MSc Biology, Ateneo de Manila University, The Philippines
- 30/09/2018 **Menchetti M.** & Suchan T., “The worldwide migration of the Painted Lady butterfly”. Lecture at the Wondo Genet College of Forestry and Natural Resources (Ethiopia).
- 08/03/2017 **Menchetti M.** “Alien Amazon parrots: worldwide distribution and their trade”. Lecture during “ParrotNet WG/MC meeting” organised by ParrotNet COST Action ES1304. Gadot (Israel).
- 05/05/2016 Schär S. & **Menchetti M.** - “Ants in the Aeolian Islands: how to spot and catch them”. Organised by Butterfly Week, Lipari (Italy). Invited.

- 2/03/2015 Mori E. & **Menchetti M.** “Summary of national evidence on impacts”. Lecture during “Parakeets risk assessment workshop” organised by Parrotnet COST Action ES1304. AgroParisTech, Paris (France).
- 10/03/2014 Mori E. & **Menchetti M.** “Current status of researches on *Psittacula krameri* in Italy”. Lecture during “Working Groups and Management Committee meeting” organised by Parrotnet COST Action ES1304. Pablo Olavide University, Seville (Spain).
- 12/06/2012 Mori E. & **Menchetti M.** “The Invasion of Grey Squirrel in Italy: a threat from North America”. Lectures for the students of the MS in Conservation and Evolution (University of Pisa), Aula ES3, Polo Nobili, Via Volta 4bis, Pisa.

### Reviewer

**[13 journals]:** Systematic Entomology; Myrmecological News; International Journal of Pest Management; Biodiversity Data Journal; Sociobiology; Journal of Zoology; Biologia; Arxius de Miscel·lània Zoològica; Revista Catalana d'Ornitologia; Biogeographia; Polish Journal of Entomology; Journal of Asia-Pacific Entomology; Zootaxa.

### Scientific Societies

- 2023-present Member of the International Society of Hymenopterists.
- 2020-present Founder member Italian Lepidopterist Association (Associazione Lepidotterologica Italiana, ALI).

### Organising Committee Scientific Events

- Congress Organizing Committee:** XI Congress of the Italian Mammal Society (Florence, 20-22 June 2018), organized by the Italian Association of Mammology (Associazione Teriologica Italiana, ATIt).
- Student Organizing Committee:** Biodiversity Seminars at the Institute of Evolutionary Biology (CSIC-Universitat Pompeu Fabra), Barcelona, Spain (2021-2022).
- Organization Workshop:** “Butterfly Week 2016: Island biogeography, from fieldwork to data analysis (Aeolian islands, 29/04-07/05/2016)”.

### Organising Committee Outreach Events

“[Virtual Bioblitz 2020](#)”; “[Bioblitz Festa delle Farfalle 2020](#)”, “[BioBlitz Prata 2016](#)”.

### Service Activities

- Sanger-accredited genome curator:** Actively contributing to the curation of Lepidoptera genomes (n=2) together with the genome curation team at the Tree of Life Programme (ToL) of the Wellcome Sanger Institute, Cambridge. February 2025 - ongoing. [www.projectpsyche.org/theorganisation/theorganisation-psyche-genome-curators](http://www.projectpsyche.org/theorganisation/theorganisation-psyche-genome-curators).
- Member Communication Office:** scientific society Italian Association of Mammology (Associazione Teriologica Italiana, ATIt).

### Knowledge transfer to public administrations

**Parliamentary question** at the European Parliament E-002758/2023 (20/09/2023) following the publication of Menchetti et al. 2023 (DOI: 10.1016/j.cub.2023.07.036): [www.europarl.europa.eu/doceo/document/E-9-2023-002758\\_EN.html](http://www.europarl.europa.eu/doceo/document/E-9-2023-002758_EN.html).

### Software Author

**2022:** *IOdatabase*: Integrated and Open Butterfly Database. R software. [www.github.com/leondap/iodatabase](http://www.github.com/leondap/iodatabase).

**2020:** *biodecrypt*: An algorithm to attribute unidentified occurrence data based on a subset of identified records. R software. DOI: 10.1111/geb.13154

### Specialized Technical Training

27/01/2014 **Menchetti M.** “Lo scoiattolo grigio in Italia: distribuzione e problematiche”. Lecture during the formative day “Areali che cambiano in un mondo che cambia”, Sede Riserva Selva del Lamone, Farnese, Viterbo, Italy.

### Courses

- (5-9/05/2025) **AGCTually Annotating Genomes.** Organized by the Institute of Evolutionary Biology (CSIC-Universitat Pompeu Fabra). 5-day workshop, 40 hours. Institute of Evolutionary Biology (CSIC-UPF), Barcelona, Spain.
- (3-14/02/2025) **Project Psyche Genome Curation Workshop.** As part of the COST Action CA23122. Organized by Dr. Charlotte Wright (COST Action WG2 Leader), Dr. Joana Meier (Group Leader), and Prof. Mark Blaxter (Group Leader, Wellcome Sanger Institute). Held at the Wellcome Sanger Institute, Cambridge, United Kingdom.
- (11-13/12/2024) **Introduction to Ecological Niche Modeling.** Organized by the Zoological Systematics and Evolution Research Group (2021SGR689), Institut de Recerca de la Biodiversitat (IRBio), and the PhD Program in Biodiversity, University of Barcelona. Held at the Faculty of Biology, University of Barcelona, Spain.
- (31/07-10/08/2023) **The Ant Course.** Organised by Brian L. Fisher and Jacob Yombai. Sponsored by California Academy of Sciences and The National Science Foundation. Held at New Guinea Binatang Research Center, Papua New Guinea.
- (22-24/03/2023) **Short Course in Geometric Morphometrics.** Dean C. Adams (Iowa State University). Institute of Evolutionary Biology (CSIC-UPF), Barcelona, Spain.
- (22/10-30/11/2022) **Short Course in Biostatistics.** Dean C. Adams (Iowa State University). Institute of Evolutionary Biology (CSIC-UPF), Barcelona, Spain.
- (7-11/03/2022) **Model-Based Statistical Inference in Evolutionary Biogeography.** Online Course – 2nd Edition. Organized by Transmitting Science. Taught by Dr. Nick Matzke (University of Auckland, New Zealand)
- (1-5/02/2021) **Big data Biogeography – Species occurrences through space and time.** Online workshop. Organized by Physalia-courses.
- (7-13/01/2021) **Theory and Practice in Metabarcoding for Biodiversity.** Organised by the iBioGenProject.
- (2-5/05/2017) **Introduction to the Systematics of Terrestrial Arthropods.** Held at the Natural History Museum, University of Florence, Italy.

### DISSEMINATION

#### TV

- **Geo**, RAI 3. Italian National TV (17/02/2016) Il verme che non muore mai. Live studio interview.

#### Radio

- **The Naked Scientist.** University Cambridge. 15/09/2023. [Invasive fire ants make landfall in Europe.](#)
- **Radio3 Scienza**, S2023. 15/09/2023. Anche le formiche nel loro piccolo sbarcano.

#### Press

- **CNN** 2025. [A deadly fire ant has reached European shores.](#)
- **National Geographic** 2025. [Watch an invading queen ant trick workers into killing their mother.](#)

- **RiffReporter** 2025 [Bund und Baden-Württemberg bestätigen Fund der gefürchteten Asiatischen Nadelameise in Stuttgart.](#)
- **Frankfurter Allgemeine Zeitung** 2024. Die Invasion der Unbesiegtten.
- **EL PAÍS** 2023. [Llega a Europa la hormiga roja de fuego.](#)
- **La Vanguardia** 2023. [La peligrosa y agresiva hormiga roja de fuego ya ha establecido sus primeros nidos en Europa.](#)
- **el Diario** 2023. [La hormiga roja de fuego ya está en Europa y pronto llegará a España.](#)
- **El Economista** 2023. [Detectan a la invasora hormiga roja de fuego en Europa.](#)
- **Le Huffpost fr** 2023. [La fourmi de feu arrive en Europe, et c'est une catastrophe pour l'environnement](#)
- **Le Temps** 2023. [La redoutable fourmi de feu s'est installée en Europe.](#)
- **Washington Post** 2023. [Invasive fire ants take root for first time in Europe, study finds.](#)
- **Nature Italy** 2023. [Sicily is first European port of call for red fire ants.](#)
- **The Guardian** 2023. [Red fire ant colonies found in Italy and could spread across Europe, says study.](#)
- **CNN** 2023. [‘We knew this day would come’: One of world’s most invasive species reaches Europe.](#)
- **SciNews** 2023. [Entomologists Find Population of Invasive Red Fire Ants in Italy.](#)
- **ConnectSci** 2023. [Alien ants invade Europe for the first time.](#)
- **NewScientist** 2023. [Red imported fire ants with painful bites have taken hold in Europe.](#)
- **The Independent** 2023. [Europe witnessing spread of invasive red fire ants with painful bites: ‘We knew this day would come’.](#)
- **The Cooldown** 2023. [Researchers find first extensive mature population of invasive species in Europe: 'One of the worst invasive alien species'.](#)
- **Science Daily** 2023. [Invasive red fire ants spreading in Europe.](#)
- **KSL TV** 2023. [‘We knew this day would come’: One of world’s most invasive species reaches Europe.](#)
- **Wion** 2023. [Invasive red fire ants found for the first time in Italy could spread across Europe, says study.](#)
- **UPI** 2023. [Invasive red fire ant spotted in Europe for first time, researchers say.](#)
- **TVM News** 2023. [Ant with a powerful bite has reached Europe.](#)
- **Myrmecological News Blog** 2023. [The arrival of the imported red fire ant \(Solenopsis invicta\) to Europe.](#)
- **Ladbible** 2023. [Red Fire Ants are one of world's most feared creatures and could be heading to UK.](#)
- **Earth.org** 2023. [Red Fire Ants, Among World’s Costliest Invasive Species, Could Quickly Spread Through Europe, Researchers Warn After Finding Colonies in Southern Italy.](#)
- **New York Post** 2023. [Red fire ants, one of world’s most invasive species, storms Europe: ‘We knew this day would come’.](#)
- **NDTV** 2023. [Fire Ants With Painful Bites Posing Threat To Europe, Researchers Warn.](#)
- **9News** 2023. [One of world's most invasive species reaches Europe.](#)
- **La Vanguardia** 2022. [La preocupante llegada a Europa de la hormiga aguja asiática, de picada venenosa.](#)
- **EFE Verde** 2022. Detectan en Europa una hormiga asiática que amenaza a las especies autóctonas.
- **Ara:** 2022. [La formiga agulla asiàtica, una nova espècie invasora detectada a Europa.](#)
- **Betevé** 2022. La formiga agulla asiàtica, la nova espècie invasora que arriba a Europa.
- **Cope** 2022. Detectan en Europa una hormiga asiática que amenaza a las especies autóctonas.
- **Diario de León** 2022. Detectan en Europa una hormiga asiática que amenaza a las especies autóctonas.
- **Europa Press** 2022. Investigadores identifican el primer individuo de hormiga aguja asiática en Europa.
- **Corporació Catalana de Mitjans Audiovisuals** 2022. Nova espècie invasora: la formiga agulla asiàtica, descoberta per primer cop a Europa.
- **Informativos Telecinco** 2022. Preocupación por la llegada de la hormiga aguja asiática a Europa: así afecta su picadura venenosa.
- **Science Daily** 2022. The worrying arrival of the invasive Asian needle ant in Europe.
- **EuroWeekly** 2022. Dangerous new species of ant found in Europe.
- **EurekaAlert** 2022. [The worrying arrival of the invasive Asian needle ant \(Brachyponera chinensis\) in Europe.](#)
- **Giglio News** 2016. Scoperto a Montecristo un nematode “alieno”.
- **Elba Report** 2016. Montecristo: scoperto un nematode “alieno”.
- **Green Report** 2016. Il lato oscuro della biodiversità: scoperto a Montecristo un nematode “alieno”.

- **ArezzoNotizie** 2016. L’Australia ucciderà 2 milioni di gatti. Il ricercatore aretino: “Progetto interessante, vi spiego perché”.
- **Green Report** 2016. Il Barcoding del DNA delle farfalle dall’Alto Tirreno: un mare di colori.
- **Green Report** 2016. Dune di Lacona: ragazzi da tutto il mondo e voli di farfalle.
- **FanPage** 2016. È arrivato anche in Italia il verme “immortale” che distrugge il suolo.
- **Il Resto del Carlino** 2016. C’è in giro il verme giapponese, ecco come difendersi.
- **Green Report** 2016. Scoperte planarie aliene in Italia: la minaccia strisciante alla biodiversità del suolo.
- **Bufale** 2016. Allarmismo: Arriva in Italia il verme che non muore: si rigenera da solo e stermina tutto.
- **Arezzo Notizie** 2016. Panico da vermi velenosi, tra bufale e verità. Parla il ricercatore aretino che li ha scoperti.
- **Il Venerdì di Repubblica** 2013. Così il porcospino, a colpi di aculei, contende la tana a volpi e tassi.
- **Arezzo Notizie** 2013. Istrice killer, lo studio del biologo aretino Menchetti finisce su Science.
- **Arezzo Notizie** 2012. La dura vita del ricercatore: Mattia, 23 anni e due premi. I progetti se li paga da solo.
- **Arezzo Notizie** 2012. La guerra di Cip Ciop: è allarme ad Arezzo lo scoiattolo alieno minaccia quello rosso, habitat a rischio.

### Outreach Talks

- |            |   |
|------------|---|
| 11/02/2018 | <b>Menchetti M.</b> - “Bellezze e stranezze nel mondo degli insetti”, Bruscia (Empoli), Italy. Organized by C.E.T.R.A.S. Empoli.  |
| 29/04/2016 | <b>Menchetti M.</b> “La citizen science per conoscere e proteggere le farfalle Italiane”, Parco di Monte Mario (Rome), Italy. Organized by Legambiente.                     |
| 20/03/2016 | <b>Menchetti M.</b> “Un progetto di Citizen Science per le farfalle dell’Arcipelago Toscano e della costa Toscana”, Elba Island (Livorno), Italy. Organized by Legambiente. |
| 29/06/2015 | <b>Menchetti M.</b> “Il santuario online”, Elba Island(Livorno), Italy. Organized by Legambiente.   |

### OTHER ACTIVITIES

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|---------------------|---|
| (2015 – ongoing)    | <b>Curator citizen science platform:</b> iNaturalist.org curator.   |
| (2020 – 2021)       | <b>Webmaster</b> www.lepidoptera.life. Creation and curation of the Italian Lepidopterist Association (Associazione Lepidotterologica Italiana, ALI) website.                       |
| (2015 – 2022)       | <b>Webmaster</b> www.butterflyweek.com. Creation and curation of the Butterfly Week website.  |
| (2014 – 2018)       | <b>Webmaster</b> www.onychium.it. Creation and curation of the website Website creation and curation for the peer-reviewed open access entomological journal Onychium (now closed). |
| (03/2011 – 02/2013) | <b>Volunteer</b> in the <b>herpetological rescue centre</b> “Fondazione Paolo Malenotti” (Parco Mediceo in Pratolino, Florence, Italy).   |