

Mattia Menchetti

Personal information:

Nationality: Italian
Date of birth: 25/04/1990
Place of birth: Castiglion Fiorentino (Arezzo), Italy

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Short Bio

After a Bachelor thesis on the personality of the paper wasp *Polistes dominula* and a few years studying behavioural ecology of a various number of taxa (mostly porcupines and owls), I moved my research activities to alien species (mainly squirrels, parrots and land planarians), reporting new occurrences, impacts and getting insights into impact assessments. During my Master thesis and my stay as a Research Assistant at the Butterfly Diversity and Evolution Lab (Barcelona), I worked on the migration of the Painted Lady butterfly (*Vanessa cardui*) with Gerard Talavera and Roger Vila, focusing on Citizen Science and collection creation and management. I also worked on phylogeography and barcoding of Mediterranean butterflies in the Zen Lab lead by Leonardo Dapporto (University of Florence).

I am now a PhD student at the Institute of Evolutionary Biology in Barcelona and I am studying the diversity and evolution of European ants.

I published 64 articles in scientific journals (51 with I.F.) and in 25 of them I am the first or the senior author.

Current occupation

Oct 2020 PhD student at the Institute of Evolutionary Biology (CSIC-UPF) (Barcelona, Spain) with a “la Caixa” Doctoral Fellowship - ongoing INPHINIT Retaining.

Selected publications

Menchetti M., Talavera G., Cini A., Salvati V., Dincă V., Platania L., Bonelli S., Balletto E., Vila R., Dapporto L. (in press) Two ways to be endemic. Alps and Apennines are different functional refugia during climatic cycles. *Molecular Ecology*, DOI:10.1111/mec.15795.

Platania L., Menchetti M., 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: biodecrypt, a new tool tested on European butterflies. *Global Ecology and Biogeography*, DOI:10.1111/geb.13154.

Schär S., Menchetti M., Schifani E., Hinojosa J.C., Platania L., Dapporto L., Vila R. (2020) Integrative biodiversity inventory of ants from a Sicilian archipelago reveals high diversity on young volcanic islands (Hymenoptera: Formicidae). *Organisms Diversity & Evolution*, 20, 405–416.

Scalercio S., Cini A., Menchetti M., Voda R., Bonelli S., Bordoni A., Casacci L.P., Dinca, V., Balletto E., Vila R., Dapporto L. (2020) How long is 3 kilometres for a butterfly? Ecological constraints and functional traits explain high mitochondrial genetic diversity between Sicily and the Italian Peninsula. *Journal of Animal Ecology*, 89(9): 2013-2026.

Mori E., Cardador L., Reino L., White R.L., Hernández-Brito D., Le Louarn M., Mentil L., Edelaar P., Pârâu L.G., Nikolov B.P., Menchetti M. (2019) Lovebirds in the air: trade patterns, establishment success and niche shifts of *Agapornis* parrots within their non-native range. *Biological Invasions*, 22:421-435.

Menchetti M., Guéguen M., Talavera G. (2019) Spatio-temporal ecological niche modelling of multigenerational insect migrations. *Proceedings of the Royal Society B: Biological Sciences*, 286: 20191583.

Dapporto L., Cini A., Vodă R., Dincă V., Wiemers M., Menchetti M., Magini G., Talavera G., Shreeve T., Bonelli S., Casacci L.P., Balletto Em., Scalercio S., Vila R. (2019) Integrating three comprehensive data sets shows that mitochondrial DNA variation is linked to species traits and paleogeographic events in European butterflies. *Molecular Ecology Resources*, 19(6):1623-1636.

Dapporto L., Cini A., Menchetti M., Vodă R., 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) Rise and fall of island butterfly diversity: Understanding population diversification and extinction in a highly diverse Archipelago. *Diversity and Distributions*, 23(10):1098–1230.

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

Education

Jan 2020:	Master Degree in Biology, University of Florence (Italy). <i>Thesis title: The Palaearctic-African migration of the Painted Lady butterfly (Vanessa cardui) unveiled by a spatio-temporal ecological niche model.</i>	110 cum laude/110
July 2014:	Bachelor's Degree in Biological Science, University of Florence (Italy). <i>Thesis title: Personality in the social wasp Polistes dominula: a preliminary study.</i>	101/110
July 2010:	Baccalaureate in Biological and Health Sciences (I.T.I.S. “Galileo Galilei”, Arezzo, Italy).	71/100

Work

- ¹³nt Mar 2020-
¹³nt Sept 2020
- Research Assistant – phylogeography of Mediterranean butterflies**
- Place:* Numerical and Experimental Zoology Lab, Department of Biology, University of Florence)
Via Madonna del Piano 6, 50019 Sesto Fiorentino, Italy
- Supervisor:* Dr. Leonardo Dapporto (leondap@gmail.com).
- 1st June 2018–
31st Oct 2019
- Research Assistant - butterfly migration project**
- Place:* Butterfly Diversity & Evolution Lab, Institut de Biologia Evolutiva (CSIC-UPF)
Pg. Marítim de la Barceloneta 37, 08003 Barcelona, Spain.
- Supervisor:* Dr. Gerard Talavera (gerard.talavera@csic.es), Dr. Roger Vila (roger.vila@csic.es)
- Activity:* The project, entitled “The longest butterfly migration: monitoring and conservation of the Painted Lady butterfly breeding sanctuaries in tropical Africa”, was supported by the National Geographic Society.
- Main activities:
- Build and maintaining databases and sample collection;
 - Build and coordinate teams and monitoring sites in several African countries and Middle East;
 - Seek funding for continuity and expansion of the project and apply for research permits;
 - Develop trap systems, buy and organize supplies;
 - Design and update monitoring protocols, develop outreach material;
 - Update website and social networks related to the project;
 - Lab work and field trips in Spain, Italy and Africa.
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- ## Trainee & other activities
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- 25th Apr –
4th May 2019
- Webmaster of the website the Italian Lepidopterist Association**
- Activity:* Creation and curation of the website of the Italian Lepidopterist Association (Associazione Lepidotterologica Italiana, ALI): www.lepidoptera.life.
- 25th Apr –
4th May 2019
- Visiting Researcher - pollen metabarcoding**
- Place:* Laboratory of Molecular Analyses, W. Szafer Institute, Polish Academy of Sciences, Kraków, Poland.
- Supervisor:* Dr. Tomasz Suchan (tomasz.suchan@gmail.com)
- Activity:* Laboratory work on metabarcoding of pollen grains collected from butterfly samples.
- 1st Apr –
31st Aug 2016
- Erasmus+ Traineeship**
- Place:* Butterfly Diversity & Evolution Lab, Institut de Biologia Evolutiva (CSIC-UPF)
Pg. Marítim de la Barceloneta 37, 08003 Barcelona, Spain.
- Supervisor:* Dr. Roger Vila (roger.vila@csic.es), Dr. Leonardo Dapporto (leondap@gmail.com).
- Activity:*
- Barcoding of Aeolian Islands ants (Sicily, Italy).
 - Creation of *IO database*, an Open Access database for DNA barcodes, occurrences, behavioural and ecological traits of European butterflies.
 - Data gathering on painted lady (*Vanessa cardui*) migrations.
- May 2015 –
Ongoing
- Webmaster of the website Butterfly Week**
- Activity:* Creation and curation the Butterfly Week (www.butterflyweek.com) website.
- 17th Aug –
23th Aug 2014
- Training in Aosta Valley for trapping red squirrels**
- Place:* Parco Nazionale del Gran Paradiso, Cogne (Aosta, Italy).
- Supervisor:* Prof. Sandro Bertolino (sandro.bertolino@unito.it).
- Activity:* Field work for a long-term population dynamics study of European red squirrels (*Sciurus vulgaris*) in a mountain environment. Capture-Mark-Recapture, collect information on their body measurements and collect tissue samples for genetical analysis.
- 2014 –
2018
- Webmaster of the journal Onychium**
- Activity:* Website creation and curation for the peer-reviewed open access entomological journal Onychium (www.onychium.it).
- June –
July 2012
- Laboratory stage for the Bachelor thesis**
- Place:* University of Florence, Florence (Italy).
- Supervisor:* Prof. Rita Cervo (rita.cervo@unifi.it); Dr. Alessandro Cini (cini.ales@gmail.com).
- Activity:* Personality in the social wasp *Polistes dominula*: a preliminary study.
- Mar –
Oct 2012
- Training in early detection of grey squirrels (*Sciurus carolinensis*)**
- Place:* Palazzo del Pero (Arezzo, Italy).
- Supervisor:* Prof. Sandro Lovari (sandro.lovari@gmail.com).
- Activity:* Early detection and confirmation of a new area of invasion in Arezzo (Tuscany, Italy).

Mar 2011 –
Feb 2013

Volunteer in a herpetological center

Place: Fondazione Paolo Malenotti. Parco Mediceo in Pratolino, Florence (Italy).
Supervisor: Dr. Paolo Agnelli (agnelli@unifi.it).
Activity: Scientific communication and divulgation in herpetology. Maintenance of the terrariums and feeding of reptiles and amphibians.

Skills

Languages: Italian (mother-tongue)

	Comprehension		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken Production	
English	C1	C1	C1	C1	C1
Spanish	B1	B1	B1	A2	A2
Catalan	A1	A2	A1	A1	A1

European Language Level – Self assessment grid.

Computer Science:

Operative Systems: Mac OSX, Windows, Linux (Ubuntu).
Data analysis: R, Excel, PAST.
Genetic analysis: MEGA, Geneious, TCS, popart.
Image/video processing: Adobe Photoshop, Adobe Illustrator, ImageJ, Corel Draw!, PowerPoint, AutoCad, iMovie.
Digital Media: WordPress, Drupal, phpBB, Facebook, Twitter, Instagram.

Lab work: DNA extraction and analysis.
Curation and databasing of animal collections (dry and stored in ethanol).

Field work: Countries where field work activities have been carried, with the approximate number of collecting days in brackets: Italy (180), Spain (40), Senegal (9), Benin (13), Ethiopia (8), Morocco (6), Israel (4).
Several sampling techniques for terrestrial (hymenopterans, butterflies, beetles and spiders) and aquatic (beetles, hemipterans, crustaceans) arthropods, live trapping of small mammals (Rodentia and Soricomorpha) and hair tube transects to collect hair of arboreal rodents.

Social skills and networking: Thrive in a team environment and enjoy work in a stimulating environment. Starting as a student, I build a network of collaborators and citizen scientists, co-authoring scientific papers with more than 120 researchers.

Others interests:

Animal keeping and breeding: High number of insect species (ants, wasps, beetles, cockroaches, mantids and phasmids), some species of land planarians, gastropods, reptiles
Arts: Computer imaging, watercolours.

Driving license: B

Fellowships

10/2020 – Ongoing: “la Caixa” Doctoral Fellowship INPhINIT Retaining (3 years) 122.592 €

International Projects

07/2015 – Ongoing: Participation to the project Barcoding Italian Butterflies (www.barcodingitalianbutterflies.eu).
10/2014 – 10/2017: Participation to the COST Action ES1304 ParrotNet (www.e-services.cost.eu/action/ES1304).
2014 – Ongoing: Curator of the Citizen Science platform iNaturalist.org.

Awards

2013: Best poster award. Menchetti & Mori 2013. Can citizen-based surveys be useful for native species conservation? the case of native squirrels in Italy. 2° Convegno Nazionale sui Piccoli Mammiferi, Villa Signorini, Ercolano (NA); 24-25/10/2013: 40. (150 euro)
2013: Best poster award. Ancillotto et al. 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.

Scientific societies

2020 – ongoing: Founder member of the Italian Lepidopterist Association (Associazione Lepidotterologica Italiana, ALI).

2016 – 2018: Member of the Communication Office of the Italian Association of Mammology (Associazione Teriologica Italiana, ATIt).

Journal referee

Journal of Zoology; Biogeographia; International Journal of Pest Management; Biologia, Revista Catalana d'Ornitologia.

Didactics

2020: Lessons at the University of Florence, courses “Animal biodiversity”.

2016: Lessons at the University of Florence, courses “Animal biodiversity” and “Climate change and ecophysiology”.

Student supervision

2020: Bachelor thesis in Natural Sciences of Giulia Magini. University of Florence.

2019: Bachelor thesis in Biology of Chiara Chessa. Sapienza Università di Roma.

Publication Summary & Metrics

	Total (ISI-ranked journals)	With Impact Factor	First / senior author
Paper published	64	52	15 / 10
Book chapters	2		
	Google Scholar	Scopus	Research Gate
Total citations	854	611	859
h-index	18	15	17
h-index (excluding self-citations)	NA	NA	13
i10-index	32	15	NA

Scientific Production

Journals with Impact Factor

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

- 52 Menchetti M., Talavera G., Cini A., Salvati V., Dincă V., Platania L., Bonelli S., Balletto E., Vila R., Dapporto L. (in press) Two ways to be endemic. Alps and Apennines are different functional refugia during climatic cycles. **Molecular Ecology**, DOI:10.1111/mec.15795.
- 51 Senczuk G., Gramolini L., Avella I., Mori E., Menchetti M., Aloise G., Castiglia R. (2021) No association between candidate genes for color determination and color phenotype in *Hierophis viridiflavus*, and characterization of a contact zone. **Journal of Zoological Systematics and Evolutionary Research**, DOI:10.1111/jzs.12451.
- 50 Milanesi P., Mori E., Menchetti M. (2020) Observer-oriented approach improves species distribution models from citizen science data. **Ecology and Evolution**, 10(21):12104-12114
- 49 Mori E., Saavedra S., Menchetti M., Assandri G. (2020) Past and present distribution of the Common Myna *Acridotheres tristis* in Italy: a review. **Avocetta**, 44: 32-36.
- 48 Platania L., Menchetti M., 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: biodecrypt, a new tool tested on European butterflies. **Global Ecology and Biogeography**, DOI:10.1111/geb.13154.
- 47 Schär S., Menchetti M., Schifani E., Hinojosa J.C., Platania L., Dapporto L., Vila R. (2020) Integrative biodiversity inventory of ants from a Sicilian archipelago reveals high diversity on young volcanic islands (Hymenoptera: Formicidae). **Organisms Diversity & Evolution**, 20, 405–416.
- 46 Mori E., Malfatti L., Le Louarn M., Hernández-Brito D., Cate B., Ricci M., Menchetti M. (2020) “Some like it alien”: predation on invasive ring-necked parakeets by the long-eared owl in an urban area. **Animal Biodiversity and Conservation**, DOI:10.32800/abc.2020.43.0151.
- 45 Scalercio S., Cini A., Menchetti M., Voda R., Bonelli S., Bordoni A., Casacci L.P., Dinca, V., Balletto E., Vila R., Dapporto L. (2020) How long is 3 kilometres for a butterfly? Ecological constraints and functional traits explain high mitochondrial genetic diversity between Sicily and the Italian Peninsula. **Journal of Animal Ecology**, 89(9): 2013-2026.
- 44 Dorigo L., Dal Lago T., Menchetti M., Sluys R. (2020) First records of two alien land flatworms (Tricladida, Geoplanidae) from Northeastern Italy. **Zootaxa**, 4732(2):332-334.
- 43 Mori E., Menchetti M., Camporesi A., Cavigioli L., Tabarelli de Fatis K., Girardello M. (2019) License to Kill? Domestic Cats Affect a Wide Range of Native Fauna in a Highly Biodiverse Mediterranean Country. **Frontiers in Ecology and Evolution**, 7:477. DOI:10.3389/fevo.2019.00477

- 42 Mori E., Cardador L., Reino L., White R.L., Hernández-Brito D., Le Louarn M., Mentil L., Edelaar P., Pârâu L.G., Nikolov B.P., **Menchetti M.** (2019) Lovebirds in the air: trade patterns, establishment success and niche shifts of *Agapornis* parrots within their non-native range. *Biological Invasions*, 22:421-435.
- 41 Macià F.X., **Menchetti M.**, Corbella C., Grajera J., Vila R. (2019) Exploitation of the invasive Asian Hornet *Vespa velutina* by the European Honey Buzzard *Pernis apivorus*. *Bird Study*, DOI: 0.1080/00063657.2019.1660304.
- 40 **Menchetti M.**, Guéguen M., Talavera G. (2019) Spatio-temporal ecological niche modelling of multigenerational insect migrations. *Proceedings of the Royal Society B: Biological Sciences*, 286: 20191583.
- 39 Dapporto L., Cini A., Vodă R., Dincă V., Wiemers M., **Menchetti M.**, Magini G., Talavera G., Shreeve T., Bonelli S., Casacci L.P., Balletto Em., Scalercio S., Vila R. (2019) Integrating three comprehensive data sets shows that mitochondrial DNA variation is linked to species traits and paleogeographic events in European butterflies. *Molecular Ecology Resources*, DOI: 10.1111/1755-0998.13059
- 38 White RL, Strubbe D, Dallimer M, Davies ZG, Davis AJ.S, Edelaar P, Groombridge J, Jackson HA, **Menchetti M**, Mori E, Nikolov BP, Pârâu LG, Pečnikar Živa F, Pett TJ, Reino L, Tollington S, Turbé A, Shwartz A (2019) Assessing the ecological and societal impacts of alien parrots in Europe using a transparent and inclusive evidence-mapping scheme. *Neobiota*. 48: 45-69.
- 37 Mori E., **Menchetti M.** (2019) Living with roommates in a shared den: Spatial and temporal segregation among semifossorial mammals. *Behavioural Processes*, DOI: 10.1016/j.beproc.2019.04.013.
- 36 Boscherini A., Mazza G., **Menchetti M.**, Laurenzi A. Mori E. (2019) Time is running out! Rapid range expansion of the invasive northern raccoon in central Italy. *Mammalia*, DOI:10.1515/mammalia-2018-0151.
- 35 Balestrieri A., Mori E., **Menchetti M.**, Ruiz-González A., Milanese P. (2019) Far from the madding crowd: Tolerance towards human disturbance shapes distribution and connectivity patterns of closely related *Martes* spp.. *Population Ecology*, DOI:10.1002/1438-390X.12001.
- 34 Di Febbraro M., **Menchetti M.**, 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. *Diversity and Distributions*, DOI:10.1111/ddi.12890.
- 33 Postigo J., Strubbe D., Mori E., Ancillotto L., Carneiro I., Latsoudis P., **Menchetti M.**, Pârâu L.G., Parrott D., Reino L., Weiserbs A. & Senar J.C. (2019) Mediterranean versus Atlantic monk parakeets *Myiopsitta monachus*: Towards differentiated management at the European scale. *Pest Management Science*, DOI:10.1002/ps.5320.
- 32 Mori E., Sala J.P., Fattorini N., **Menchetti M.**, Montalvo T. & Senar J.C. (2018) Ectoparasite sharing among native and invasive birds in a metropolitan area. *Parasitology Research*, DOI:10.1007/s00436-018-6174-2.
- 31 Mori E., Milanese P., **Menchetti M.**, Zozzoli R., Monaco A., Capizzi D., Nerva L. (2018) Genetics reveals that free-ranging chipmunks introduced to Italy have multiple origins. *Hystrix*, 29(2): 239-242.
- 30 Mori E., **Menchetti M.**, Zozzoli R. & Milanese P. (2018) The importance of taxonomy in species distribution models at a global scale: the case of an overlooked alien squirrel facing taxonomic revision. *Journal of Zoology*, 307(1) :43-52.
- 29 Grandi G., **Menchetti M.** & Mori, E. (2018) Vertical segregation by breeding ring-necked parakeets *Psittacula krameri* in northern Italy. *Urban Ecosystems*, 21(5): 1011–1017.
- 28 Zozzoli R., **Menchetti M.** & Mori E. (2018). Spatial behaviour of an overlooked alien squirrel: the case of Siberian chipmunks *Eutamias sibiricus*. *Behavioural processes*, 153: 107-111.
- 27 Mori M., Zozzoli R., **Menchetti M.** (2018) Global distribution and status of introduced Siberian chipmunks *Eutamias sibiricus*. *Mammal Review*, 48: 139-152.
- 26 Dapporto L., Cini A., **Menchetti M.**, Vodă R., 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) Rise and fall of island butterfly diversity: Understanding population diversification and extinction in a highly diverse Archipelago. *Diversity and Distributions*, 23(10):1098–1230.
- 25 Luna Á., Franz D., Hernández-Brito D., Malihi Y., Shwartz A., Strubbe D., Mori E., **Menchetti M.**, Klaassen O., Parrott D., Braun M.P., Chmielewski F.M., Edelaar P. (2017) Reproductive timing as a constraint on invasion success in the Ring-necked parakeet (*Psittacula krameri*). *Biological Invasions*, 19(8):2247–2259.
- 24 Turbé A., Strubbe D., Mori E., Carrete M., Chiron F., Clergeau P., González-Moreno P., Le Louarn M.,k, Luna A., **Menchetti M.**, Nentwig W., Pârâu L.G., Postigo J.L., Rabitsch W., Senar J.C., Tollington S., Vanderhoeven S., Weiserbs A., Shwartz A. (2017) Assessing the assessments: evaluation of four impact assessment protocols for listing and 2 prioritising invasive alien species. *Diversity and Distributions*, 23(3):231–341.
- 23 Mori E., Ancillotto L., **Menchetti M.**, Strubbe D. (2017) “The early bird catches the nest”: possible competition between scops owls and ring-necked parakeets. *Animal Conservation*, 20(5):463–470.
- 22 Mori E., Grandi G., **Menchetti M.**, Tella J.L., Jackson H.A., Reino L., van Kleunen A., Figueira R., Ancillotto L. (2017) Worldwide distribution of non-native Amazon parrots and temporal trends of their global trade. *Animal Biodiversity and Conservation*, 4(1): 49-62.
- 21 Mori E., **Menchetti M.**, Cantini M., Bruni G., Santini G., Bertolino S. (2016) Twenty years monitoring of a population of Italian crested newts *Triturus carnifex*: strong site fidelity and shifting population structure in response to restoration. *Ethology Ecology & Evolution*, 29(5):460-473.

- 20 Mori E., Mazzetto F., **Menchetti M.**, Bodino N., Grasso E., Sposimo P. (2016) Feeding ecology of the scops owl *Otus scops* in the island of Pianosa (Tuscan Archipelago, Central Italy). *Italian Journal of Zoology*, 83(3):417-422.
- 19 Mori E., **Menchetti M.**, Lucherini M., Sforzi A., Lovari S. (2016) Timing of reproduction and paternal cares in the crested porcupine. *Mammalian Biology*, 81(4): 345-349.
- 18 Torrini G., Mazza G., Strangi A., Barabaschi D., Landi S., Mori E., **Menchetti M.**, Sposimo P., Giuliani C., Zoccola A., Roversi P.F. (2016) *Oscheius tipulae* in Italy: evidence of an alien isolate in the Integral Natural Reserve of Montecristo Island (Tuscany). *Journal of Nematology*, 48(1):8-13.
- 17 Mazza G., **Menchetti M.**, Sluys R., Solà E., Riutort M., Tricarico E., Justine J.L., Cavigioli L., Mori E. (2016) The silent invasion: first report of the land planarian *Diversibipalium multilineatum* (Makino & Shirasawa, 1983) (Platyhelminthes, Tricladida, Continenticola) outside its native range. *Zootaxa*, 4067(5):577-580.
- 16 Ancillotto L., Strubbe D., **Menchetti M.**, Mori E. (2015) An overlooked invader? Ecological niche, invasion success and dynamics of the Alexandrine parakeet in the invaded range. *Biological Invasions*, 18(2):583-595.
- 15 Mori E., Ancillotto L., Groombridge J., Howard T., Smith V. S., **Menchetti M.** (2015) Macroparasites of introduced parakeets in Italy: a possible role for parasite-mediated competition. *Parasitology Research*, 114(9):3277–3281.
- 14 Mori E., Mazza G., **Menchetti M.**, Bertolino S., Panzeri M., Gager Y., Di Febbraro M. (2015) The masked invader strikes again: the conquest of Italy by the Northern raccoon. *Hystrix*, 26(1):47-51.
- 13 Mori E., Sforzi A., **Menchetti M.**, Mazza G., Lovari S., Pisanu B. (2015) Ectoparasite load in the crested porcupine *Hystrix cristata* in Central Italy. *Parasitology Research*, 114(6):2223-2229.
- 12 Mori E., **Menchetti M.**, Bertolino S., Mazza G., Ancillotto L. (2015) Reappraisal of an old cheap method for marking the European hedgehog. *Mammal Research*, 60(2): 89-193.
- 11 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.
- 10 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.
- 9 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.
- 8 Panzeri M., **Menchetti M.**, Mori E. (2014) Variation in habitat use and diet of resident Eurasian scops-owls. *Ardeola*, 61(2): 393-399.
- 7 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.
- 6 **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.
- 5 **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.
- 4 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.
- 3 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. [Paper covered by Science and Smithsonian](#).
- 2 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.
- 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.

Journals without Impact Factor

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

- 12 Mori E., Amerini R., Mazza G. Bertolino S., Battiston R., Sforzi A., **Menchetti M.** (2016) Alien shades of grey: new occurrences and relevant spread of *Sciurus carolinensis* in Italy. *European Journal of Ecology*, 2(1): 13-20.
- 11 **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.
- 10 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.
- 9 **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.
- 8 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.
- 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.

- 6 Mori E., Menchetti M., Dondini G., Biosi 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.
- 5 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.
- 4 Vannini A., Menchetti M., Mori E. (2013) L'avifauna del pSIC "Poggi di Prata" (Grosseto, Toscana). *Alula*, 01/2014; XX(1-2): 101-113.
- 3 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.
- 2 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.
- 1 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.

Book chapters

- 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.
- 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.

Invited seminars

Oral communication by underlined author.

- ❖ 11/02/2018: Menchetti M. Presentation "Bellezze e stranezze nel mondo degli insetti", Brusciana (Empoli). Organized by C.E.T.R.A.S. Empoli.
- ❖ 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 see and how to catch them". Organised by Butterfly Week, Lipari (Italy).
- ❖ 29/04/2016: Menchetti M. Presentation "La citizen science per conoscere e proteggere le farfalle Italiane", Parco di Monte Mario (RO), Italy. Organized by Legambiente.
- ❖ 20/03/2016: Menchetti M. Presentation "Un progetto di Citizen Science per le farfalle dell'Arcipelago Toscano e della costa Toscana", Elba (LI), Italy. Organized by Legambiente.
- ❖ 29/06/2015: Menchetti M. Presentation "Il santuario online", Elba (LI), Italy. Organized by Legambiente.
- ❖ 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).
- ❖ 08-10/10/2014: 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).
- ❖ 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.
- ❖ 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.

Outreach activities

Events:

- 2018: Member of the Organizing Committee for the XI Congress of the Italian Mammal Society (Florence, 20-22 June 2018), organized by the Italian Association of Mammology (Associazione Teriologica Italiana, ATIt).
- 2016: Outreach organization of the international workshop "Butterfly Week 2016 Island biogeography, from fieldwork to data analysis (Aeolian islands, 29/04-07/05/2016)".
- 2016: Organization of the "BioBlitz Prata 2016".

Newspaper articles:

- 2015: Mori E., Menchetti M., Ancillotto L. (2015) Un killer in giardino. *Oasis*, 212: 48-53.

Video interview:

- 2016: Video interview for the online newspaper Arezzo Notizie about alien flatworms (07/02/2016).
- 2016: Studio participation in the TV program Geo (RAI 3, Italian public television) to talk about alien flatworms (15/02/2016).

Participation to Courses, Congresses, Workshops & Seminars

Courses:

- 7-13/1/2021: "Theory and Practice in Metabarcoding for Biodiversity", organized by the iBioGen consortium.
- 2-5/5/2017: "Introduzione alla sistematica degli artropodi terrestri", organised by Gruppo Entomologico Toscano. Florence, Italy.
- 28/05/2015: "Utilizzo di software GIS per la creazione di variabili ambientali rilevanti per studi ecologici", organised by Successione Ecologica. Florence, Italy.
- 14/11/2014: "Analisi di dati ecologici in R: modelli lineari generalizzati e loro estensioni", organised by Successione Ecologica. Florence, Italy.
- 30/11/2011, 2-16/12/2011: "*Geografia della Biodiversità, Metodi quantitativi in Biogeografia*", organised by Facoltà di Scienze M.F.N. dell'Università di Pisa, Consiglio Aggregato dei Corsi di Laurea in Scienze Biologiche. Pisa, Italy.

Congresses

- 10/04/2017: "The bee for the safeguarding of biodiversity", organized by project "Mediterranean CooBEeration. San Giovanni in Monte of the University of Bologna, Bologna.
- 31/03/2017: "7° AISASP Student Meeting". Dipartimento di Scienze Biologiche, Geologiche e Ambientali (BiGeA), Università di Bologna, Bologna.
- 20-24/06/2016: "XXV Congresso Nazionale Italiano di Entomologia". Padova.
- 12/06/2015: "5° AISASP Student Meeting". CRA-API Unità di ricerca di apicoltura e bachicoltura, Bologna.
- 07-10/05/2014: "IX Congresso Nazionale di Teriologia", organised by Associazione Teriologica Italiana. Parco d'Abruzzo, Lazio e Molise, Civitella Alfedena, L'Aquila.
- 24-25/10/2013: "Secondo Convegno Nazionale Piccoli Mammiferi", organised by Gruppo Piccoli Mammiferi dell'Associazione Teriologica Nazionale. Villa Signorini, Ercolano, Napoli.
- 15/02/2013: "3° AISASP Student Meeting". Dipartimento di Biologia dell'Università degli Studi di Firenze, via Romana 17, Florence.
- 01/02/2013: "Reti ecologiche e pianificazione territoriale". Museo "La Specola", Salone degli Scheletri, Florence.
- 24-27/09/2012: "73° Congresso dell'Unione Zoologica Italiana", organised by Unione Zoologica Italiana. Florence.
- 09-11/05/2012: "VIII Congresso Nazionale di Teriologia", organised by Associazione Teriologica Italiana. Piacenza.
- 02/03/2012: "2° AISASP Student Meeting". Centro Congressi Santa Elisabetta, Università degli Studi di Parma, Parco Area delle Scienze 85, Parma.
- 25/01/2012: "Biodiversitour 2012", organised by Agenzia Regionale Parchi Lazio. Sala Tirreno della Regione Lazio, Via Rosa Raimondi Garibaldi, Rome.
- 24/11/2011: "L'acqua: un bene da preservare". Palazzo Bastogi, Via Cavour 18, Florence.
- 11/11/2011: "Le interazioni tra cambiamento climatico e specie invasive: rischi ed opportunità", presso Firenze (Fi), Museo "La Specola", Salone degli Scheletri.

Workshops & Seminars

- 6-10/03/2017: "Working Groups and Management Committee meeting" organised by Parrotnet COST Action ES1304. Gadot (Israel). Invited.
- 29/04-07/05/2016: "Butterfly Week 2016: Island biogeography, from fieldwork to data analysis". Aeolian islands, Italy. Invited.
- 01-03/03/2016: "Working Groups and Management Committee meeting" organised by Parrotnet COST Action ES1304. Verbena Beach Hotel, Antalya (Turkey). Invited.
- 7-9/10/2015: "Working Groups and Management Committee meeting" organised by Parrotnet COST Action ES1304. University of Florence, Florence (Italy). Invited.
- 02-03/03/2015: "Parakeets risk assessment workshop" organised by Parrotnet COST Action ES1304. AgroParisTech, Paris (France). Invited.
- 08-10/10/2014: "Working Groups and Management Committee meeting" organised by Parrotnet COST Action ES1304. Pablo Olavide University, Seville (Spain). Invited.
- 21-22/03/2013: "La Strategia di Contrasto alle specie aliene invasive nei sistemi terrestri insulari". Isola di Capraia, Italy.
- 27/06/2012: "Esperienze e prospettive di gestione del conflitto tra predatori protetti e zootecnia in Toscana". Sala Fabiani, Palazzo Medici Riccardi, Via Cavour 1, Florence.
- 11/11/2011: "Le interazioni tra cambiamento climatico e specie invasive: rischi ed opportunità", presso Firenze (Fi), Museo "La Specola", Salone degli Scheletri.

Congress Proceedings

Poster and oral communication by underlined author.

- ❖ 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 Chiropteri, Padova, 17-19 Ottobre 2019: 38*
- ❖ Menchetti M., Mori E., Milanese P. (2018) Capitalizing Citizen Science data to develop species distribution models: an example with iNaturalist and Italian terrestrial mammals. *X Congresso Italiano di Teriologia, Florence (Italy); 20-22 June 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". *X Congresso Italiano di Teriologia, Florence (Italy); 20-22 June 2018.*

- ❖ Vodà 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 DNA barcode and ecological trait dataset for the Tuscan Archipelago butterflies: a resource to understand the evolution and extinction of island biodiversity. *7th International Barcode of Life Conference*, Skukuza (South Africa); 20-24 November 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.
- ❖ 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.
- ❖ **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.
- ❖ 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)
- ❖ 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)
- ❖ 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. *X Congresso Italiano di Teriologia*, Acquapendente (VT); 20-23/04/2016.
- ❖ **Menchetti M.**, Ancillotto L., Mori E. (2016) The open access citizen science platform iNaturalist to map the worldwide biodiversity: a focus on Italian terrestrial mammals. *X Congresso Italiano di Teriologia*, Acquapendente (VT); 20-23/04/2016. (Poster)
- ❖ Cini A., Cappa F., **Menchetti M.**, Signorotti L., D'Ettoire P., Cervo R. (2015) Personalità nella vespa sociale *Polistes dominula*. *XXVI Convegno Nazionale della Società Italiana di Etologia*, Parma; 24-26/06/2015: 11.
- ❖ **Menchetti M.**, Panzeri M., Mori E., Mazza G., Di Febbraro M., Sonzogni D., Mori E. (2014) Raccoons to conquer Italy: may isolated observations help the invasion process? *IX Congresso Nazionale di Teriologia*, Civitella Affedena (AQ); 05/2014. (Poster)
- ❖ Mori E., Dondini G., Vergari S., **Menchetti M.** (2014) Therifauna of SCI "Poggi di Prata"(Grosseto, Italy): a checklist created through a combination of different methods. *IX Congresso Nazionale di Teriologia*, Civitella Affedena (AQ); 05/2014. (Poster)
- ❖ Ancillotto L., Mori E., **Menchetti M.** (2013) Not only mice and rats: small mammals predations by free-ranging cats in Italy, a first assessment. *2° Convegno Nazionale sui Piccoli Mammiferi*, Villa Signorini, Ercolano (NA); 24-25/10/2013: 31 (Poster)
- ❖ Mori E., Corsini B., Mazza G., **Menchetti M.** (2013) From the shores to the cities: road mortality of the crested porcupine in Southern Tuscany. *2° Convegno Nazionale sui Piccoli Mammiferi*, Villa Signorini, Ercolano (NA); 24-25/10/2013: 41. (Poster)
- ❖ **Menchetti M.**, Mori E. (2013). Can citizen-based surveys be useful for native species conservation? the case of native squirrels in Italy. *2° Convegno Nazionale sui Piccoli Mammiferi*, Villa Signorini, Ercolano (NA); 24-25/10/2013: 40. (Poster) Best poster award.
- ❖ 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.
- ❖ **Menchetti M.**, Cini A., Signorotti L., d'Ettoire 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.
- ❖ Mori E., **Menchetti M.**, Di Febbraro M. (2012) Alieni in Toscana: primi dati di presenza dello scoiattolo grigio (*Sciurus carolinensis*) in provincia di Arezzo. *LXXIII Congresso Nazionale dell'Unione Zoologica Italiana*, Florence; 24-27/09/2012: 61. (Poster)