

Mélanie Thierry

PhD in Community Ecology



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Date of birth: 11/06/1991
in Montpellier, France

Driving License (2009)

h-index: 3 / citation: 42
Reviews: 4

Languages

French: native

English: TOEFL C1

Spanish: B2 (Volunteering 8 months
in Latin America)

Czech and German (A1)

Education

MSc in Ecology and biodiversity
management (2015)
Aix-Marseille University, France

BSc in Ecology and biology of
Organisms (2013)
Montpellier 2 University, France
and Bishop's University, Canada
(CREPUQ exchange)

Scientific skills

Animal capture and rearing
Laboratory and field experiments
Molecular methods
Statistical analysis (R, CANOCO)
GIS (ArcGis, QGIS)

Hobbies



Professional experiences

2020 - current Data manager for the LifeWebs project (host-parasitoid interaction data).

2017 - 2021 PhD candidate at the University of South Bohemia and Biology Centre CAS, Czech Republic: *Mechanisms structuring host-parasitoid communities in a global warming perspective*. (Supervisors: Dr Jan Hřčák, Biology Centre CAS and Prof. Owen Lewis, University of Oxford)

2020 Erasmus traineeship (2 months) at the German Centre for Integrative Biodiversity Research, Germany: *Stability-complexity domain in host-parasitoid networks*. (Collaborators: Prof. Ulrich Brose, Dr Benoit Gauzens, and Dr Benjamin Rosenbaum)

2017 - 2018 Field work (7 months): Collection of live insects in Australia to establish our *Drosophila* -parasitoid system. (Collaborator: Dr Megan Higgie, James Cook University, Australia)

2016 - 2017 Civic volunteer service (6 months) at Estuaire, France: *Dragonflies as indicators of wetlands quality* and collection of data for "L'Observatoire des vers luisants" and "L'Observatoire des Bourdons".

2016 Volunteer project (4 months) at Cloudbridge Natural Reserve, Costa Rica: *Effect of reforestation on bird communities in cloud forests*.

2015 MSc thesis at the French National Institute for Agricultural Research (INRA), France: *Effect of local and landscape factors on butterfly communities*. (DIVA 3 Levana project) (Supervisors: Dr Marie-Lise Benot, Bordeaux University and Dr Inge Van Halder, INRA)

2014 Volunteer mission (2 months) at Archelon, Greece: *Monitoring of sea turtle population and public awareness*.

2014 MSc project at Nature Midi-Pyrénées, France: *Creation of an identification key for the ladybugs*. (Supervisor: Pierre-Olivier Cochard)

2013 Volunteer internship (1 month) at the French National Hunting and Wildlife Agency, France: *Monitoring of the Caroux Espinouse's Bighorn sheep population*.

2012 Volunteer internship (2 months) at the French National Center for Scientific Research of Moulis (CNRS), France: *Monitoring of viviparous lizard populations and their dispersal*. (Supervisor: Dr Virginie Stevens)

Grants

2021 IBERA from the Czech Academy of Sciences (41,105 CZK)

2020 Erasmus traineeship fellowship (1,724 EUR)

2019 Principal investigator on GAJU grant n°04-134/2019/P: Is the stabilizing effect of parasitoids on host-parasitoid networks reduced under global warming scenarios? (Budget awarded: 129,000 CZK, 1-year-project)

Scientific communication

2021 Entomological Society of America International Branch Virtual Symposium: *Beyond pairwise interactions: isolating the direct and indirect interactions that structure a host-parasitoid community*. (ePoster)

2019 4th Symposium on Ecological Networks (Paris, France): *Parasitism decreases with increased temperature and structures host-parasitoid networks through host preference and competition between parasitoids*. (talk)

Selected scientific publication

Thierry M., Pardikes N., Lue C-H., Lewis O. & Hřčák, J. (2021) Experimental warming influences species abundances in a *Drosophila* host community through direct effects on species performance rather than altered competition and parasitism. *Plos one* 16 (2), e0245029. DOI: 10.1371/journal.pone.0245029

Thierry M., Hřčák J. & Lewis O. (2019) Mechanisms structuring host-parasitoid networks in a global warming context: a review. *Ecological Entomology*. DOI: 10.1111/een.12750

Van Halder I., Thierry M., ... & Benot, M. L. (2017) Trait-driven responses of grassland butterflies to habitat quality and matrix composition in mosaic agricultural landscapes. *Insect Conservation and Diversity*, 10(1), 64-77. DOI: 10.1111/icad.12200