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: 48
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
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

2021 - current Post-doctoral position at Biology Center CAS, Czech Republic

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 Hrček, 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 coordination of citizen science projects

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 (INRAE), 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, INRAE)

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 Biodiversity 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*? (129,000 CZK, 1-year-project)

Selected scientific production

Thierry M., Pardikes N., Lue C-H., Lewis O. & Hrček, 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., Hrček J. & Lewis O. (2019) Mechanisms structuring host-parasitoid networks in a global warming context: a review. *Ecological Entomology,* 44 (5), 581-592. **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**

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)

References: Jan Hrček (janhrcek@gmail.com) ; Owen Lewis (owen.lewis@zoo.ox.ac.uk)