Mélanie Thierry

PhD student in Community Ecology

Biology Center CAS
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Date of birth: 11/06/1991
in Montpellier, FRANCE

Driving License (2009)
First Aid and CPR Certification

h-index: 2 / Reviews: 3

Languages

French: native

English: fluent (TOFEL B2)

Spanish: intermediate (Volunteering 8 months in Latin America)

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

Statistical analysis (R, CANOCO)
GIS (ArcGis, QGIS)
Animal capture and rearing
Microcosm and field experiments
Molecular methods
C-M-R methods

Hobbies

Professional experiences

Since March 2017: PhD thesis
Mechanisms structuring and stabilizing host-parasitoid networks, University of South Bohemia and *Biology Centre CAS, CZECH REPUBLIC*
(Supervisors: Dr Jan HRCEK, Biology Centre CAS and Prof. Owen LEWIS, University of Oxford)
- Collection of live insects in North Queensland in collaboration with Dr M. HIGGIE, JCU, AUSTRALIA
- Collaboration with Pr. Ulrich BROSE, iDiv, GERMANY (Erasmus traineeship from October to December 2020)
- Maintenance of the system in laboratory, experiments *in situ* and in laboratory, molecular detection

August 2016 - Feb 2017: Civic volunteer service
Dragonflies as indicators of wetlands quality, *Estuaire, FRANCE*
- Species inventory, mapping (GIS), data analysis and report for the region
- Citizen science project development, partner search and application for funding

Feb - June 2016: volunteer project
Effect of reforestation on bird communities in cloud forests, *Cloudbridge, COSTA RICA*
- Diurnal and nocturnal bird monitoring
- Habitat mapping (GIS), data analysis, redaction of a report and presentation for the reserve

Feb - August 2015: MSc thesis
Effect of local and landscape factors on butterfly communities (DIVA 3 Levana project), *The French National Institute for Agricultural Research (INRA), FRANCE*
(Supervisors: Dr M-L BENOT, Bordeaux University and Dr Inge VAN HALDER, INRA)
- Statistical analysis and scientific report for the project
- Floristic data collection *in situ*

Jan - August 2014: MSc project
Creation of an identification key for the ladybugs, *Nature Midi-Pyrénées, FRANCE*

June 2013: volunteer internship
Monitoring of the Caroux Espinouse's Bighorn sheep population, *The French National Hunting and Wildlife Agency, FRANCE*

June - July 2012: volunteer internship
Monitoring of viviparous lizard populations and their dispersal, *The French National Center for Scientific Research of Moulis, FRANCE (Supervisor: Dr Virginie STEVENS)*

Scientific production

Thierry M., Pardikes N., Lue C-H., Lewis O. & Hrcek, J. (2021). Experimental warming influences species abundances in a Drosophila host community through direct effects on species performance rather than altered competition and parasitism. Accepted in *PloS one.*

Thierry M., Hrcek 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*

Mercier O., … **Thierry M.**, … Leriche, A. & Million A. (2017). Pilot study for the establishment of a monitoring protocol for the European Leaf-toed Gecko (*Euleptes europaea*) on the Port-Cros Island. *Scientific Report Port-Cros national Park*, 31: 189-211.

Grants

BC Grant programme 2021 Sub-program conference. Budget awarded: 41 105 CZK

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 for 2019.