



Mélanie Thierry

PhD student in Community Ecology

Branišovská 31
37005 České Budějovice, CZ

+420 777 644 358
melanie.thierry34@gmail.com

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
Laboratory 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 Pr. 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. *Plos one* 16 (2), e0245029. DOI: 10.1371/journal.pone.0245029

Lue CH., Buffington ML., ... Thierry M., ... & Hrcek, J. (2021). DROP: Molecular voucher database for identification of Drosophila parasitoids. *bioRxiv*. DOI: 10.1101/2021.02.09.430471

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.