MAXIME DAHIREL

Quantitative ecologist, data scientist

Highlights

- 12 years of experience in statistics, experimental and observational study design applied to ecology
- Expertise in animal behaviour and urban biodiversity/ecology
- Expertise in R-based data science workflows
- Expertise in classical and Bayesian statistics
- Co-author of 29 peer-reviewed scientific papers, with about 3/4 of those in a major role: lead or senior author, data analyst or research designer (full publication list: https://mdahirel.github.io/publications.html)
- Experienced in research supervising roles, funding acquisition from local to EU level, project management

Most recent position

Postdoctoral researcher (Marie Skłodowska-Curie Fellow)

📅 2021 - 2023 🌐 Ghent, Belgium

Ghent University, Terrestrial Ecology unit

Evolutionary ecology in cities (HELICITY project)

Previous positions

Postdoctoral researcher

📅 2019 - 2021 🌐 Sophia-Antipolis, France

INRAE (formerly INRA), Institut Sophia Agrobiotech

Evolutionary ecology of range expansions

ATER (fixed-term research and teaching associate)

📅 2016 - 2018 🌐 Rennes, France

University of Rennes 1, ECOBIO research unit

Evolutionary ecology in cities, dispersal ecology and evolution

Postdoctoral researcher

📅 2015 - 2016 🌐 Ghent, Belgium

Ghent University, Terrestrial Ecology unit

Behavioural changes in response to urbanisation

Research assistant (PhD student/candidate in Biology)

📅 2011 - 2014 🌐 Rennes, France

University of Rennes 1, ECOBIO research unit

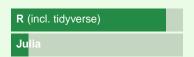PhD thesis on land snail dispersal, available here.

TO REFORMAT, + ADD KEY SKILLS

ⓘ Info

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💬 Languages

| **French**: first language |
| **English**: fluent |
| **German**: 'false beginner' |

</> Programming languages

| **R** (incl. tidyverse) |
| **Julia** |

📈 Data science and statistics

Version control with Git & GitHub
Quarto/RMarkdown
Bayesian & frequentist statistics
Linear models and extensions (Any and all combinations of generalized, mixed, non-linear, or multivariate)
Ordination and classification methods
...
Spatial data science & GIS

🖥 Other software

| QGIS |
| Clip Studio, Krita, Inkscape |
| Netlogo |
| ImageJ |

Education

PhD

Master

Bachelor