



Emilie Fleurot

PhD candidate in ecology of the communities

About me

French
Driver license
→ [Researchgate profil](#)
→ [Website](#)

Contact

Tel : + 33 7 86 41 52 29
E-mail : emilieangele.fleurot@gmail.com

Skills



R language



Statistics
(lmer, glmer ...)



Field work
Data sampling



Modeling
(C++)



French – **Mother tongue**
English - **C1**
Spanish - **C2**

Scientific publications

- 2022** **Oak masting drivers vary between populations depending on their climatic environments.** E. Fleurot, J. Lobry, V. Boulanger, F. Debias, C. Mermet-Bouvier, T. Caignard, S. Delzon, M. Bel-Venner, S. Venner in revision in Current Biology.
- 2022** **The morphological allometry of four closely related and coexisting insect species reveals adaptation to the mean and variability of the resource.** E. Fleurot, S. Venner, P-F. Pélisson, F. Débias, M-C. Bel-Venner. Oecologia. <https://doi.org/10.1007/s00442-022-05249-x>.

Education

- 2019 – 2023**
Lyon, France
PhD in ecology of the communities, forest ecology, modeling
Title : Identifying masting drivers to predict the impact of climate change on temperate oak masting species.
Supervisors : Samuel Venner and Marie-Claude Bel-Venner.
- 2017 – 2019**
Montpellier, France
Master degree in Biology, Evolution and Ecology (with honors)
Internship (6 months) on Germination phenology and dispersion rate coevolution in an heteromorphic species.
Supervisors : Pierre-Olivier Cheptou and Jean-Michel Guillon.
Internship (3 months) on the interplay between demography and auto-incompatibility system in *Brassica insularis*.
Supervisor : Sandrine Maurice.
- 2014 – 2017**
Dijon, France
Bachelor degree in Life science, Organisms biology (with honors)
Voluntary internship (1 month) on the effect of the double infection nematode-plasmodium in mice.
Supervisor : Gabriele Sorci.
Voluntary internship (1 month) on the immune priming and the immune transfer to offspring in *Tenebrio molitor*.
Supervisor : Yannick Moret.

Teaching activities

2022 Lyon, France	Bachelor 2nd year – Bioinformatic and Biostatistic Practicals (30h), Headed professors : Marie-Claude Venner and Arnaud Mary.
2020 Lyon, France	Bachelor 2nd year – Bioinformatic and Biostatistic Practicals (12h), Headed professors : Marie-Claude Venner and Arnaud Mary.

Internship supervising activities (at 50%)

2022 Lyon, France	Master degree 1st year (3 months) – Oak reproduction and control of fruit-eating insects : a modelling approach Emma Acacia (M1 BEE), University Claude Bernard Lyon 1.
2021 Lyon, France	Master degree 2nd year (6 months) – Cyclic vs stochastic dynamics of reproduction in perennial species : the key role of flowering phenology Léa Keurinck (M2 BEE), University Claude Bernard Lyon 1.
2020 Lyon, France	Master degree 1st year (3 months) – Evolution of reproductive strategies in perennial species : a modelling approach Léa Keurinck (M1 BEE), University Claude Bernard Lyon 1.

Conferences

Talk June 2022	Climate change, shifting flowering phenology and their consequences on the reproduction of oak trees. Phenology at the crossroads 2022, Avignon, France
Talk May 2022	Timing of flowering : a critical issue to forecast forest regeneration in the context of climate change. Arqus Research Focus Forum on Climate Change and Biodiversity, Lyon, France
Talk March 2022	Shifting flowering phenology with climate change : a key issue for the future of oak forest ecosystems ? Ecology & Behaviour, Strasbourg, France
Talk June 2021	Timing of flowering : the key toward frequent reproductive failure and disruptive fruiting dynamics, temperate oak species as a case study. Mathematical And Computational Evolutionary Biology, Porquerolles, France
Talk May 2021	Masting des chênes : plus qu'une histoire de fruits ? Décryp'thèse, Lyon, France (Public award for best talk)