

Academic curriculum

- 2015– **PhD on “Evolution of cooperation for raising young in biparental systems across environmental gradients”**, *Station d'Écologie théorique et expérimentale (UMR 5321)*, Moulis.
Supervised by Alexis Chaine and Andy Russell.
- 2011–12 and 2014–15 **Master of Sciences in Ecology Biodiversity and Evolution**, *École normale supérieure of Paris and University Pierre et Marie Curie*, Paris.
- 2012–2013 **Master of Sciences in Teaching**, with Distinctions, *University Paris-Sud*, Orsay.
Passed the written exams of the highly competitive exam of the **Aggregation in Biology and Earth Sciences**, which enables to become a teacher/researcher,
- 2010–2011 **Bachelor in Biochemistry and Engineering Biology**, with Honors, *École normale supérieure of Cachan and University Paris-Sud*.
- 2010 **Admission to the École normale supérieure of Cachan**.
- 2008 **French scientific high school diploma**, with High Honors, *Lycée Jean Jaurès*, Argenteuil.

Scientific experience

- 2015 5-months **internship at the Institute of Biology of the ENS** with **Silvia de Monte**.
Modelling the emergence of the collective function of biofilms in Pseudomonas fluorescens.
- 2014 4-months **internship at the Muséum national d'Histoire naturelle** with **Pierre Pénicaud**.
The twenty years of the Grande Galerie de l'Évolution: project of re-writing texts of the Gallery.
- 2014 5-months **internship at the Australian national University** with **Martijn van de Pol**.
Parental investment and cooperative reproduction in red-winged fairy-wren (Malurus elegans).
- 2012 6-months **internship at the Muséum national d'Histoire naturelle** with **Philippe Keith**.
Preliminary study of migration and recruitment of an amphidromous Gobiidae, Sicydium punctatum.
- 2011 2-months **internship at the Station d'Écologie théorique et expérimentale (UMR5321)** with **Sophie Dardenne**.
Study of the influence of habitat on stress behaviour in barn swallows (Hirundo rustica).

Publications

- **Larval traits of the Caribbean amphidromous goby *Sicydium punctatum* (Gobioidei: Sicydiinae) in Guadeloupe**. Léa Lejeune, Hélène Tabouret, Laura Taillebois, Dominique Monti, Philippe Keith.
Ecology of freshwater fish. 2014.
- **Male and female helper effects on maternal investment and adult survival in red-winged fairy-wrens**. Léa Lejeune, Martijn van de Pol, Andrew Cockburn, Marina Louter, Lyanne Brouwer.
Behavioural ecology. 2016.

Technical skills

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| Research | Writing scientific papers and familiarity with the submission and publication process. |
| Ecology | Capture-mark-recapture of birds, behavioural observations, otolithometry. |
| Statistics | Reaction norm approach, generalized linear mixed models. |
| Genetics | DNA extraction, PCR, haplotypes nets. |
| Software | R, Matlab, Octave, ZEN, Mathematica, BioEdit, Arlequin. |

Teaching

I taught 64h in 2015–2016 bachelor level classes on animal and plant biology, and on sustainable development.

Languages

- French (native)
- English (fluent)
- German (Intermediate)