



Alexandre Courtiol

Curriculum Vitae

Evolutionary Biologist & Statistician (born 24/12/83 in France)

Research Experience and Education

- 2012– **Senior staff researcher.**
 - label *Evolutionary biologist and statistician.*
 - location Leibniz Institute for Zoo and Wildlife Research, Berlin, Germany.
- 2011–2012 **European Institutes for Advanced Study Fellow.**
 - location Wissenschaftskolleg zu Berlin (WIKO), Germany.
- 2010–2011 **Post-doctoral research associate of Kone Foundation.**
 - location Department of Animal and Plant Sciences, University of Sheffield, UK.
- 2006–2009 **Ph.D, *Evolutionary Biology and Ecology.***
 - title *Mate choice* (Supervisors: M. Raymond and Pr. B. Godelle).
 - defended 6/12/2009
 - location Institut des Sciences de l'Évolution de Montpellier, Université Montpellier II, France.
- 2004–2006 **M.Sc, *Evolutionary Biology and Ecology,*** Université Montpellier II, France.
- 2001–2004 **B.Sc, *Life Science,*** Université Montpellier II, France.

Publications

For an up to date list of my publications, please refer to:

<https://sites.google.com/site/alexandrecourtiol/publications>

Teaching

- Current
 - Introduction to statistics, Leibniz Institute IZW, Germany (2 weeks per year, full time).
 - Introduction to R, Physalia, Berlin, Germany (1 week, full time).
 - Linear Models, Freie Universität, Germany (~ 50 hours per year).
- Past
 - Past teaching includes Ecology and Theoretical ecology.

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Supervision

I have supervised a small bunch of nice students, including Loic Etienne (M.Sc + Ph.D; 4 years), Mathias Franz (although he is quite self-sufficient, postdoc; 2 years), Colin Vulllioud (undergraduate; 1 year), Sandrine Picq (M.Sc; 4 months), Robert Schwieger (undergraduate; 3 months), and many others for shorter durations.

Other Professional activities

- journal referee American Naturalist, Biological Reviews, Ecology letters, Evolution, Methods in Ecology and Evolution, PLOS Computational Biology, PNAS, Proceedings of the Royal Society: B, and many others.
- grant referee Agence National pour la Recherche (ANR), EURIAS (Horizon 2020).

Theoretical Skills

- topics Animal behaviour, isoscapes, contemporary human evolution, life history, mate choice.
- fields Behavioural ecology, demography, ecology, evolutionary anthropology, evolutionary biology, population genetics, quantitative genetics, statistics.

Technical Skills

- statistics Linear modelling (from LM to HGLMM), re-sampling methods, likelihood, information theory, traditional parametric and non-parametric tests.
- modelling Adaptive dynamics, agent-based simulations.
- programming Development and co-development of several R packages.

Linguistic Skills

- French Fluent
- R Fluent
- Spanish Sufficient to get by, once immersed
- C++ Sufficient to get by, once immersed
- L^AT_EX Sufficient to get by, once immersed
- Python Basic
- German Beginner
- JAVA Beginner
- Delphi Beginner

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