



Engineer ecologist

Chiropterologist / Mammalogist

Florence MATUTINI

08/01/1989

LANGUAGE

French (native language)

English (professional working proficiency)

Italian (basic)

COMPUTING

- Statistics: R (6.0) - *advanced*
 - GIS: QGIS (2.8.1)
 - Database management: Access 2013, PgAdmin III (1.18)
 - OS: Linux & Windows

SKILLS

Ecological engineering, Bioacoustic, Landscape Ecology, Data processing, Statistical modelling, GIS and database.

Animal Ecology: Mammalogy (including bats) and entomology, survey and monitoring methods

Coordination, teamwork skills

PROFESSIONAL EXPERIENCE

Ecological engineering (Europe): **Freelance ecological consultant** (since 2013), **Project manager** GAIADOMO (13 months) and **Technician chiropterologist** ECO-MED (22 months)

Expertise and advice, survey and monitoring of bats, other mammals & insects
Bats and birds mortality survey (wind farms and power lines)
Impact assesment, project management assistance, coordination
Environmental restoration, spatial and ecological functionalities analysis
Analysis of environmental data / Biostatistic

Research engineer CEFE-CNRS Montpellier (France/DR Congo): Bibliographic compilation and data analysis of Mammals in the Democratic Republic of the Congo (WWF)

Bibliographic synthesis | Database management

Internships | Master thesis - CEFE-CNRS Montpellier

Supervisors: J. FONDERFLICK & A. BESNARD

(1) individual habitat selection in two mixed colonies of bats in a Mediterranean agricultural landscape (Camargue - France)

Spatial modelling and multivariate analysis (ENFA, K-select, RSF), mixed models and random effects analyses, GIS, R

(2) Sampling strategies for bat inventories at different spatial scales and habitat heterogeneity levels

Modeling sampling effort, non-parametric statistical analysis, GIS, database, R

Internships | Licence thesis

(1) Monitoring of the population dynamics of European Roller - CEFE-CNRS Montpellier (Languedoc-Roussillon, France)

Supervisors: Arnaud GREGOIRE et Patrick MAYET

Banding, nests and individual monitoring (transponder, GLS)

1 month / year between 2009 and 2013

(2) Arthropods survey and study of entomopathogenic nematods - International expedition IBISCA Auvergne / UMR INRA - Montpellier 2 University | Supervisor: Olivier THALER

Since 2010

2015
3 months

2014-2015
6 months + 6 months

2008-2013
3 months + ~4 months

INTERESTS

Agroecology, Natural history,
Behavioural & Evolutionary ecology,
Socioecology, Philosophy

Photography (Canon 7D - Canon Macro
100mm F/2.8 - Canon 24-105 mm F/4 LIS USM)

Music (classical guitar since 2004)

Travels (Kenya, Cameroon, Lebanon, Croatia,
Scotland, Germany, New-Zealand)

Associations (active member)

- Amnesty international (since 2014)
- Mammals & Bat groups (since 2005)

VOLUNTEERING

Since 2005

French bat groups

Telemetry (>10 sessions since 2006)
Bat trapping (accredited by the Ministry since 2011)
Bioacoustic (heterodyne since 2006, time expansion since 2010)
Personal project: bats in vineyards (interactions with farmers,
inventories & surveys)

Naturalist groups

Bird ringing 2003-2014 (~1-2 weeks/year)
Amphibians surveys and Insects inventories (heteroptera)
Events management for a general audience
Funding applications

ACADEMIC QUALIFICATIONS

2013-2015
Master of Science (Research), Ecology and Biodiversity conservation, Ecole Pratique des Hautes Etudes, Sorbonne, Paris - Montpellier (upper second-class honours). Main courses: Evolutive Ecology, Forest Management, Forest Ecology, Conservation Ecology, Statistics, Population Genetics, Ecosystem dynamics, Population dynamics + Agriculture and biodiversity (AgroParisTech, external course)

2007-2010
BSc, Biology-Ecology-Evolution, University of Montpellier 2 (upper second-class honours). **ERASMUS** student 10 months - **Aberdeen University**, Scotland (2009-2010). Treasurer and active member of the Naturalist Group (2007-2009) & Coordination and implementation of a public exhibition 'Darwin: 200 ans et pas une ride' (**Darwin 2009**)

2007
French baccalaureate diploma in Biology-Ecology-Agronomy with first-class honours.

References available upon request