

# Francesca Della Rocca – Curriculum Vitae

## Personal Information

Rome 25-07-1977

University of Pavia

Department of Earth and Environmental Sciences - DISTA

Via Adolfo Ferrata 9, 27100 Pavia - ITALY

[fdellarocca@gmail.com](mailto:fdellarocca@gmail.com); [francesca.dellarocca@unipv.it](mailto:francesca.dellarocca@unipv.it);

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## Summary

I've experience in the field of Biodiversity Management and Conservation. In addition to a Bachelor, Master and PhD concerning mainly this field I also have 10 years of experience working in projects aimed at the management of natural areas or rare species. I started monitoring amphibians and fishes (Cicliidi) and factors affecting wetland ecosystem in Italy and Africa (Uganda, Kenya). Then I specialised in forest ecosystem management, monitoring saproxylic beetles species (such as *Lucanus cervus* and *Osmoderma eremita*) and analysing the effect of deadwood volume on species richness. Part of my researches are also dedicated to the management of animal diversity in natural and agricultural ecosystems.

One of my best achievements concerns the development of an action plan for monitoring spectacled salamander (*Salamandrina terdigitata*) and for managing its habitat. This plan was completely elaborated by me and was implemented by the "Ente Roma Natura" (the institution which manage the urban parks of Rome, Italy). During this three years project I also trained park staff in monitoring techniques.

My last and important achievement was the implementation of many deadwood management measures which are the results of my last three years of research in this field. These measures were used by Ticino Regional Park to work out the management plan for the SCI (Site of Community Importance "Boschi Negri e Moriano" and "Boschi di Vaccarizza" in Ticino Regional Park, Italy). I'm still using my results for actions aimed at increasing deadwood in the forests of northern Italy

Currently my research projects are:

- 1) LIFE10/NAT/IT/241 - TIB-TRANS INSUBRIA BIONET working in Action A6, mapping the distribution of pollarded willows; Action E 2.3, mapping the distribution of *Lucanus cervus*; Action C6,C7,C8 Evaluating measure for deadwood and willows management
  - 2) CARIPLO foundation project AMBROSIA NO. The aim is to identify and to pilot test the process, policies and operational mechanisms needed for the implementations of an ecological corridor between the Alto-Milanese natural park and the Ticino Valley natural park.
  - 3) CARIPLO foundation and **Ticino Park** project: **Management of wetland ecosystems in the Po valley, Italy.**
  - 4) Forest management experimental researches in Bosco Siro-Negri, Ticino Valley regional Park
  - 5) LIFE09 NAT/IT000093 – ECORICE, working in Action E5, international networking (ended)
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## Papers and Books

Stefanelli S., **Della Rocca F.**, Bogliani G., 2014. Saproxyllic beetles of the Po plain woodland, Italy. *Biodiversity data journal* (submitted).

Vignoli L., D'Amén M., **Della Rocca F.**, Luiselli L. & Bologna M.A., 2014. How do moon phases influence amphibian reproduction in contrasting habitats? *Amphibia-Reptilia* (submitted)

**Della Rocca F.**, Stefanelli S., Campanaro A., Pasquaretta C., Bogliani G. 2014. Effect of deadwood management on saproxyllic beetles richness in the floodplain forests of northern Italy: some measure for a deadwood sustainable use. *J. Insect Conservation* (DOI: 10.1007/s10841-014-9620-1)

**Della Rocca F.**, Vignoli L., 2009. La Salamandrina dagli occhiali. Gli studi e le guide di Roma Natura 1. Ente Regionale RomaNatura, Roma, pp 64

**Della Rocca F.**, Bottari V., Filippi E., Luiselli L. & Uteri C., 2008. Modelling aspects of terrestrial ecology in an italian endemic salamander, *Salamandrina perspicillata*. *Revue d'Ecologie (Terre et Vie)* 63: 261-270.

**Della Rocca F.**, 2007. How tall is an elephant? Two methods for estimating elephant height. *Web Ecology* 7: 1–10.

Ardevini A., Cinque L., **Della Rocca F.** & Sangineto E., 2007. A Semi-automatic Approach to Photo Identification of Wild Elephants. *IbPRIA* (1) 2007: 225-232

**Della Rocca F.**, Vignoli L. & Bologna M.A., 2005. The Reproductive biology of *Salamandrina terdigitata* (Caudata, Salamandridae). *Herpetological Journal* 15(4): 273-278

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