

Curriculum Vitae Prof. Dr. Wolfgang Nentwig

Wolfgang Nentwig

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Education

Master in Ecology (Diploma), University of Marburg, Germany (1979)

PhD, University of Marburg, Germany (1981)

Visiting scientist, Smithsonian Tropical Research Institute, Panama (1983/84)

Habilitation in Zoology, University of Marburg, Germany (1985)

Academic positions

1980-1983 Research Associate, University of Marburg, Germany

1983–1984 Visiting scientist, Smithsonian Tropical Research Institute, Panama

1985-1988 Assistant Professor, Institute of Zoology, University of Regensburg, Germany

1988- Full Professor for ecology at the Institute of Ecology and Evolution, University of Bern, Switzerland

Functions, committees and societies (selection)

1996–2000 Head, Department of Biology, University of Bern

1997-2004 Director, Zoological Institute, University of Bern

2000-2014 Member of the Forum Biodiversity of the Swiss Academy of Sciences

2000- Editorial board of Basic and Applied Ecology (founding member)

2002-2014 President, Teaching evaluation committee, Science faculty, University of Bern

2004- Editorial board of Neobiota

2008-2016 Director of Studies (Bachelor in Biology, Master in Ecology and Evolution)

2010-2012 Director, Institute of Ecology and Evolution, University of Bern

2013- World Spider Catalog, Organizing Committee

2014- President, European Society of Arachnology

2016- Managing Director, Virtual Institute of Spider Taxonomic Research

Research interests

- Ecology of the agricultural landscape (set aside, ecological compensation areas, renewable resource plants);
- Ecology of invasive species, biological control of pests and weeds (e.g. projects on slugs, *Cirsium arvense*, *Heracleum mantegazzianum*, *Impatiens glandulifera*), impact and risk assessment protocols, early warning system;
- Ecology and non-target-effects of transgenic plants (oilseed rape, corn, wheat);
- Ecology of spiders (biochemistry and ecology of spider venom, macroecology of spiders, European spider identification key, spider systematics, barcoding, World Spider Catalog).

Major Grant Projects

1990- 2013	Biochemistry and ecology of spider venom (Swiss National Science Foundation)
1990–1993	Ecological compensation areas (Cantonal Lottery SEVA)
1994–1997	Renewable resource plants in agriculture (Swiss Ministry of Agriculture/VEBA Germany)
1994–1997	Ecological compensation areas (Swiss Ministry of Agriculture)
1994–1999	Biological control of weeds in crops (COST 816)
1996–1997	Biocontrol of <i>Heracleum mantegazzianum</i> (CEEC/NIS, Swiss National Science Foundation)
2000–2003	Habitat fragmentation due to transportation infrastructure (COST 341)
2001–2004	Biological control of <i>Cirsium arvense</i> (NCCR Plant Survival)
2001–2010	Biological control of <i>Cirsium arvense</i> (Swiss Ministries of Agriculture and Environment)
2002–2005	GIANT ALIEN: Biological control of <i>Heracleum mantegazzianum</i> (EU 5 th FP)
2004–2009	ALARM project on large-scale environmental risks (EU 6 th FP)
2005–2008	DAISIE project on invasive species (EU 6 th FP)
2005-2008	Non-target effects of Bt-corn on soil organisms (NCCR Plant Survival, Swiss Ministry of Environment)
2005-2010	RCN: The ecology and evolution of invasions (US National Science Foundation).
2007-2009	PRATIQUE project on pest risk assessment (EU 7 th FP)
2007-2010	Soil ecosystem effects of transgenic wheat (NFP 52, Swiss National Science Foundation)
2011-2014	Invasive slugs (Swiss Ministry of the Environment)
2012-2013	Spider venomics (SystemsX)
2012-2015	Barcoding of spiders (Swiss National Science Foundation) (C. Kropf PI)
2013-2017	European information system for alien species (COST Action TD 1209)
2013-2017	European network on invasive parakeets (COST Action ES 1304)
2015-2018	Comparative spider venom analyses (Swiss National Science Foundation)

Awards

1988	Heisenberg Stipendium (Deutsche Forschungsgemeinschaft)
2011	Teacher of the Year (Biology Department, University of Bern)
2013	Karl-Escherich-Medaille (Deutsche Gesellschaft für allgemeine und angewandte Entomologie)
2015	Credit Swiss Best Teaching Award (University of Bern)