Curriculum Vitae

Dr. rer. nat. Florian D. Schneider
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Personal details

Date of birth: 5th December 1981
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Academic vita

since December '15 : **PostDoc** at Biodiversity and Climate
Research Center (Bik-F) in Frankfurt am Main, Germany, as the scientific secretary of the Senate Commission on Biodiversity Research of
the Deutsche Forschungsgemeinschaft (DFG)

- Coordination and scientific support for the Senate Commission on
  Biodiversity Research
- Synthesis Research on Biodiversity and Ecosystem Functioning
  and Services

February '13 – August '15:   **PostDoc** at Institut des Sciences de l'Evolution (ISEM), Université Montpellier, CNRS, IRD, France, in the BioDICée Lab with Sonia Kéfi

- Developping models of effects of livestock grazing on spatial structure and resiliene of vegetation cover in an EU-funded, interdisciplinary project on Catastrophic Shifts in Drylands (CASCADE).
- Co-supervision of undergraduate research (Master-theses on spatial vegetation structure modelling)

March '09 – November '12:   **PhD** at Technische Universität Darmstadt (GER), group of Ulrich Brose (Ecological Networks).

- passed with 'distinction'
- Thesis: 'Predator diversity and ecosystem functioning: An allometric approach'
- Funded by a PhD-fellowship of Deutsche Bundesstiftung Umwelt

October '02 – January '09:   **Diplom in Biology** at Technische Universität Darmstadt (GER)

- passed with result 'very good'
- Diploma thesis: 'Effects of predator diversity and intra-guild predation on ecosystem function'
- Main subjects: Ecology, Environmental Science, and Botany

Other work experience

December '07 – December '08:   **Assistant Coordinator** at Center for Interdisciplinary Study Programs at Technische Universität Darmstadt, for the study program 'Umweltwissenschaften' (Environmental Science).

- Coordination of interdisciplinary seminars
- Promotion of the study program via print media and websites

Grants

2012   two-year **PostDoc fellowship** by DAAD, for a project entitled 'Disentangling identity effects in consumer communities: an integrative approach on synthetic composition experiments' at University of Zürich with Owen Petchey (I rejected in favour of the position in Montpellier, France)

2009   three-year **PhD fellowship**, Promotionsstipendium by Deutsche Bundesstiftung Umwelt (www.DBU.de; AZ 20008/995)

Teaching experience

Co-supervision of PhD and Master projects:

- *2014–*   Alain Danet, PhD at ISEM (Université Montpellier, CNRS, IRD) 'Facilitation et fonctionnement des milieux arides' (thesis committee member)
- *2013–2014*   Alain Danet, Master thesis at ISEM (Université Montpellier, CNRS, IRD) entitled 'Les transitions catastrophiques dans les écosystèmes'
- *2013–2014*   Marina Rillo, Master thesis for Erasmus Mundus Master Programme in Evolutionary Biology at ISEM (Université Montpellier, CNRS, IRD), 'Facilitation and the evolution of plant trait-syndromes in the Mediterranean basin'
- *2011–2012*   Malte Jochum, Diplomarbeit at Georg-August-Universität Göttingen, 'Bottom-up versus top-down control in a marine benthic food web'
- *2010–2011*   Thomas Schimmer, Diplomarbeit at Technische Universität Darmstadt, 'Körpermassenabhängige Funktionelle Reaktion von *Lithobius* spec. (Chilopoda: Lithobiidae) auf *Acheta domesticus* (Insecta: Gryllidae)'
- *2010–2011*   Anna Schmehl, State Examination at Technische Universität Darmstadt, 'Körpermassenabhängige funktionelle Reaktion von Steinläufern auf Schimmelkäferlarven'

Other teaching:

- *November 2015*   Workshop 'Advanced R for ecological research' at Ecological Networks lab of Nico Blüthgen in Darmstadt, Germany (6 participants)
- *June 2015*   Workshop 'R basics for ecological research' for Master Module at Technische Universität Darmstadt, Germany (10 participants)
- *December 2014*   Workshop on 'Computational science: version control with git' at ISEM (Université Montpellier, CNRS, IRD) (10 participants)
- *July 2009*   Experimentalpraktikum 'Populationsökologie' at Technische Universität Darmstadt (15 students)
- *June 2009*   Ecological field excursions in practical module of the interdisciplinary study program 'Environmental Sciences' at Technische Universität Darmstadt. (24 students)
- *December '07 to August '08*   Tutor in interdisciplinary student courses (project manager and ecology expert), as undergraduate student assistant at the Centre for Interdisciplinary Study Programs (CISP), Technische Universität Darmstadt. (30 students)

Other academic activities

I am acting as reviewer for the following journals:

- Ecology Letters
- Proceedings of the Royal Society B
- Journal of Animal Ecology
- Ecosphere
- Acta Oecologica

I am a member of the Gesellschaft für Ökologie (GfÖ) and the Société Française d'Écologie (SFE).

Further Skills

Programming languages: R (high proficiency), C and C++ (very good), python (basic knowledge)

Software: RStudio (programming, dynamic report writing), LaTeX, Markdown, git version control, Netlogo, Adobe Creative Suite (Illustrator, Photoshop, Indesign), GIS with R and QGis

Spoken languages: German (native speaker), English (fluent), French (very good)