

CURRICULUM VITAE

Dr. Daniela Römer

Work address and affiliation

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Education

2015

Dr. rer. nat. (PhD)

Julius-Maximilians University of Würzburg, Germany
Department of Behavioral Physiology and Sociobiology
(Zoology II)

Supervisor: Prof. Flavio Roces

Thesis: Where and how to build? Influence of social and environmental cues on nest building behavior in leaf-cutting ants

2002

Master of Environmental Sciences (Postgradual Study)

Friedrich-Schiller University of Jena, Germany

Thesis: Pup loss and adoption in the Northern Elephant Seal *Mirounga angustirostris* on South Eastern Farallon Island, USA (in cooperation with PRBO Conservation Science, Petaluma, USA)

1997

Diploma in Biology

Julius-Maximilians University of Würzburg, Germany

Thesis: Untersuchungen zur Bestimmung der Blattfragmentfläche bei Blattschneiderameisen (Examination of the determination of leaf-fragment size in leaf-cutting ants)

1991

A-levels (Abitur)

Business Grammar School Bad Mergentheim, Germany

Current Position

Postdoctoral Researcher at the Department of Behavioral Physiology and Sociobiology (Zoology II), Biocenter, University of Würzburg, Germany

Previous positions

2010-2015

Research Assistant, Department of Behavioral Physiology and Sociobiology (Zoology II), University of Würzburg, Germany
(Studies on behavioral ecology of ants)

2010-2014

Teaching Assistant, Department of Behavioral Physiology and Sociobiology (Zoology II), University of Würzburg, Germany
(Student courses and practical trainings: animal physiology and behavioral ecology)

1999

Research Assistant, Project SFB 251 (Arthropod Behavior)
Department of Behavioral Physiology and Sociobiology
(Zoology II), University of Würzburg, Germany

Research activities and current research projects (summary)

- Foraging behavior of leaf-cutting ants: Factors influencing leaf-fragment size and transport
- Nesting behavior in ants: Self-organization of nest excavation
- The influence of environmental stimuli on in-nest tasks in leaf-cutting ant colonies (In part in cooperation with Prof. Martin Bollazzi, Unidad de Entomologia, Departamento de Proteccion Vegetal, Facultad de Agronomia, Universidad de la Republica, Montevideo, Uruguay – CO₂ preferences for fungus farming in leaf-cutting ants)
- Division of labor and task allocation in ant colonies

Manuscripts reviewed for scientific journals

Insectes Sociaux

Teaching Experience (at the Department of Behavioral Physiology and Sociobiology, University of Würzburg, Germany)

<i>2010-2013</i>	Supervisor ,Integrative Biology of Behavior 2 – Decision making in foraging leaf-cutting ants‘
<i>2010-2013</i>	Course Instructor ,Animal Physiology‘
<i>2010-2014</i>	Supervisor ,Biology of Behavior - Exercises ‘
<i>2010-2011</i>	Supervisor of individual practical trainings for Diploma students, Subject: nest construction and fungus farming in leaf-cutting ants
<i>2011, 2013</i>	Supervisor, Individual practical training ,Master F1 – Animal Physiology and Sociobiology‘
<i>2011-2014</i>	Supervisor of Bachelor thesis and the accompanying course ,Individual behavioral biology 3‘