

# CARLEIAL FERNANDES, SAMUEL

DOCTOR OF NATURAL SCIENCES



## Current position

2017 – now     **(Post Doc) Research Assistant** at the Prof. Elbert AG, University of Konstanz  
Project: Narrative Exposure Therapy for traumatized offenders in North Kivu  
Project: Effect of Narrative Exposure Therapy versus treatment as usual in a sample of trauma survivors who live under ongoing threat:  
a randomized controlled trial in Rio de Janeiro, Brazil

## Education

1991 – 1994     Primary school, Instituto Educacional de Alencar, Brazil  
1995 – 1998     Primary school, Colégio 7 de Setembro, Brazil  
1999 – 2001     Secondary school, Colégio 7 de Setembro, Brazil

## Graduate and post-graduate studies

2002 – 2006     **BSc. in Biological Sciences** at the Federal University of Ceará (UFC, Brazil)  
Supervisor: Dr. Christian Westerkamp  
Short thesis title: Por quê o nectário é tão grande e oblíquo em oiticica?  
2008 – 2010     **MSc. in Biological Sciences** at the National Autonomous University of Mexico  
Supervisor: Dr. Alfonso Delgado-Salinas  
Short thesis title: Biología floral de *Aeschynomene amorphoides*  
2013 – 2017     **PhD in Biological Sciences (Dr. rer. nat.)** at the University of Konstanz  
**associated** with The Max Planck Research School (IMPRS) for Organismal Biology  
Supervisors: Dr. Marc Stiff and Dr. Mark van Kleunen  
Thesis title: The early steps of plant mating system evolution

## Research experience

2002 – 2006     **Volunteer** at the Plant Anatomy and Morphology Lab, UFC, Brazil  
2011 – 2011     **Technical support researcher** at the RON Herbarium, UNIR, Brazil  
Project: Integration, qualification and provision of data related to botanical collections in the Brazilian Amazon (REFLORA/CNPq)  
2015 – 2016     **Volunteer** at HONKO Mangrove Conservation & Education, Madagascar  
Project: Mangrove long-term monitoring and sustainable livelihoods (2 weeks)

## Teaching experience

- 2005 – 2006 Teaching assistant, “Plant anatomy and morphology” course, UFC, Brazil  
2011 – 2011 Assistant professor at distance education, “Biology” studies, UNIR, Brazil  
2015 – 2016 Teaching assistant, “Plant physiology” compact course, University of Konstanz

## Languages

- Portuguese (native)  
English (TOEFL: 102/120, in 2011)  
German (Goethe Institut: B2.2, in 2013)  
Spanish (EPLE/UNAM: 830/1000, in 2008)

## Awards & Grants

- 2005 – 2006 stipend for Bachelor's degree funding (PIBIC/UFC; **300 R\$/month**)  
2008 – 2010 stipend for Master's degree funding (CONACYT; **7,000 MXN/month**)  
2013 – 2017 stipend plus research and travel expenses for funding of PhD (**1,365 €/month**)  
2014 best oral presentation, PopBio Meeting  
2018 Independent Research Grant, Zukunftskolleg, University of Konstanz (**4,740 €**)  
2019 Young Scholar Fund, University of Konstanz (**6,330 €**)

## Publication list

- Carleial S & Bigio NC (2014)** What survived from the PLANAFLORO Project: Angiosperms of Rondônia State, Brazil, *Checklist*, 10(1): 33-45
- Carleial S, Delgado-Salinas A, Domínguez CA & Terrazas T (2015)** Reflexed flowers in *Aeschynomene amorphoides* (Fabaceae: Faboideae): a mechanism promoting pollination specialization? *Bot J Linn Soc*, 177(4): 657-666
- Tedder A, Carleial S, Golebiewska M, Kappel C, Shimizu KK & Stiff M (2015)** Evolution of the selfing syndrome in *Arabis alpina* (Brassicaceae), *PloS ONE*, 10(6): e0126618
- Carleial S, van Kleunen M & Stiff M (2017)** Small reductions in corolla size and pollen:ovule ratio, but no changes in flower shape in selfing populations of the North American *Arabidopsis lyrata*, *Oecologia*, 183: 401-413
- Carleial S, van Kleunen M & Stiff M (2017)** Relatively weak inbreeding depression in selfing but also outcrossing populations of North American *Arabidopsis lyrata*, *J Evol Biol*, 30:1994-2004
- Carleial S, Maurel N, van Kleunen M & Stiff M (2018)** Oviposition by the Mountain Alcon Blue butterfly increases with host plant flower number and host ant abundance. *Basic Appl Ecol*, 28:87-96
- Robjant K, Koebach A, Schmitt S, Chibashimba A, Carleial S & Elbert T (2019)** The treatment of posttraumatic stress symptoms and aggression in female former child soldiers using adapted Narrative Exposure therapy – a RCT in eastern democratic republic of Congo. *Behavior Res Ther*, 123:103482
- Robjant K, Schmitt S, Chibashimba A, Carleial S, Elbert T & Koebach A (2020)** Trauma, aggression and post conflict perpetration of community violence in female former child soldiers – a study in Eastern DR Congo. *Front Psychiatry*, 11:1-10.