

CARLEIAL FERNANDES, SAMUEL

DOCTOR OF NATURAL SCIENCES

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 oitica?

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
Supervisors: Dr. Marc Stift 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, Federal University of Rondônia (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)
2017 – now **Data analyst** at the research group of Prof. Elbert, University of Konstanz
Project: Narrative Exposure Therapy for traumatized offenders in North Kivu

Teaching experience

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

Languages

Portuguese (native),

English (TOEFL 102/120), Spanish (EPLE/UNAM 830/1000), German (Goethe Institut B2.2)

Awards & Grants

2005 – 2006 **300 R\$/month** stipend for Bachelor's degree funding (PIBIC/UFC)

2008 – 2010 **7,000 MXN/month** stipend for Master's degree funding (CONACYT)

2013 – 2017 **1,365 €/month** stipend plus research and travel expenses for funding of PhD

2014 Best oral presentation, PopBio Meeting

2018 **4,700 € grant**, Independent Research Grant, Zukunftskolleg, University of Konstanz

Publication list

Carleial, S. & Bigio, N.C. (2014) What survived from the PLANAFLORO Project: Angiosperms of Rondônia State, Brazil, *Checklist*, **10**(1): 33-45

Carleial, S., Delgado-Salinas, A., Domínguez, C.A. & Terrazas, T. (2015) Reflexed flowers in *Aeschynomene amorphoides* (Fabaceae: Faboideae): a mechanism promoting pollination specialization?, *Botanical Journal of the Linnean Society*, **177**(4): 657-666

Tedder, A., Carleial, S., Golebiewska, M., Kappel, C., Shimizu, K.K. & Stift, M. (2015). Evolution of the selfing syndrome in *Arabis alpina* (Brassicaceae), *PloS one*, **10**(6): e0126618

Carleial, S., van Kleunen, M. & Stift, 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. & Stift, M. (2017) Relatively weak inbreeding depression in selfing but also outcrossing populations of North American *Arabidopsis lyrata*, *Journal of Evolutionary Biology*, **30**:1994-2004

Carleial, S., Maurel, N., van Kleunen, M. & Stift, M. (2018). Oviposition by the Mountain Alcon Blue butterfly increases with host plant flower number and host ant abundance. *Basic and Applied Ecology*, **28**:87-96.

Robjant, K., Köbach, A., Schmitt, S., Chibashimba, A., Carleial, S. & Elbert, T. (in revision). Reducing current aggressive behavior by narrative exposure with a culturally adapted group intervention program. *The Lancet*.