

DR. TIZIANA A. GELMI CANDUSSO

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EDUCATION

PhD	Georg-August-Universität Göttingen, Biodiversity and Ecology Dissertation: "Frugivore behavior and plant spatial genetics" Committee: Prof. Dr. Eckhard W Heymann (chair), PD Dr. habil. Oliver Schülke, Prof. Dr. Pierre-Michel Forget Graduated Magna Cum Laude	Nov 2017
MSc	University of Trieste, Environmental Biology Thesis: "Effects of climate change on algae and benthic invertebrates" Research Institution: Helmholtz-zentrum für Ozeanforschung - GEOMAR Advisor: Prof. Dr. Guido Bressan; Prof. Dr. Martin Wahl Graduated Cum Laude	Oct 2012
BSc	University of Padova, Biology Thesis: "Effects on the ecosystem of removing apex predators" Advisor: Prof. Dr. Carlotta Mazzoldi Graduated 101/110	Oct 2010

RESEARCH EXPERIENCE

"The role of red foxes in urban habitat connectivity through frugivory" Postdoctoral fellowship, University of Toronto	2019-current
"Frugivore behavior and plant spatial genetics" , German Primate Center, Göttingen Doctoral Project <ul style="list-style-type: none">• Analysis of spatial patterns of plant genetics and animal movement• Analysis of feeding and post-feeding behavior of arboreal mammals• Genetic identification of parentage between plants• Elaboration of methods for estimating seed dispersal distance	2014-2019
Max Planck for experimental medicine , Max Planck Institute, Göttingen Research Assistant <ul style="list-style-type: none">• Genetic analyses and Proteomics	2013-2014
Whale Research Lab , University of Victoria, BC, Canada Internship <ul style="list-style-type: none">• Sampling animal behavior of Gray whales• Taxonomic identification of their prey species	2011

PRESENTATIONS AND INVITED LECTURES

Presentation: "How does territoriality behavior of seed dispersers affects spatial genetics of dispersed plants? Case study: Tamarins and <i>Leonia cymosa</i> ," <i>European conference of Tropical Ecology</i> , Bruxelles	6-10 Feb 2017
<i>Annual Meeting of the Ecological Society of Germany, Austria and Switzerland</i> , Marburg	5-9 Sep 2016

PROFESSIONAL TRAINING

“Agent-based modeling with NetLogo”, Summer School, Göttingen.	Sep, 2017
“Spatially-Explicit Modeling of Ecological Systems in R” Summer School, Würzburg	May 2017
“Fundamentals of GIS for ecology, and Species distribution modeling” Workshop, Bruxelles	Feb 2016

TEACHING EXPERIENCE

Lecturer on Primate seed dispersal within the Primate Ecology course for MSc in Biodiversity, Ecology and Evolution. University of Göttingen	2015, 2019
Mentor in Scientific writing and Project Management for MSc students	2018-2019
Mentor in Experimental design for BSc student	Feb-Apr 2014

SCIENTIFIC SERVICE

Organizer of Symposium on Urban seed dispersal FSD2020	2019 - 2020
Peer review for <i>Scientific Reports</i>	2019
Peer review for <i>Ecology and Evolution</i>	2019
Organizing committee managing finances at the Woman’s Career Network conference	2018- 2019

HONORS AND AWARDS

German Research Foundation (DFG) fellowship	Nov 2019 – Nov 2022
Family oriented Completion Grant. University of Göttingen	Apr-Sep 2017
Erasmus mundus scholarship. European Commission	Feb-Sep 2012

PUBLICATIONS

Gelmi-Candusso, T. A., Heymann, E. W., and Heer, K. (2020). The influence on tamarin seed dispersal on spatial genetic structure. *In preparation*

Gelmi-Candusso, T. A., Bialozyt, R., Slana, D., Zarate-Gomez R., Heymann, E. W., and Heer, K. (2019). Estimating seed dispersal distance: a comparison of methods using animal movement and plant genetic data on two primate-dispersed Neotropical plant species. *Ecology and Evolution*. 1-13. doi.org/10.1002/ece3.5422

Gelmi-Candusso, T.A., Hämmäläinen, A. (2019) Seeds and the city: the interdependence of zoochory and ecosystem dynamics in urban environments. *Frontiers in Ecology and Evolution*. 7, 41. doi:10.1111/10.3389/fevo.2019.00041

Gelmi-Candusso, T.A (2019) Frugivore behavior and plant spatial genetics. *Doctoral dissertation*. Georg-August-Universität, Göttingen, Germany. <http://hdl.handle.net/11858/00-1735-0000-002E-E5C8-C>

Gelmi-Candusso, T. A., Heymann, E. W., and Heer, K. (2017). Effects of zoochory on the spatial genetic structure of plant populations. *Molecular Ecology*. 26, 5896–5910. doi:10.1111/mec.14351.