

## Emanuele Giacomuzzo

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### Education

#### Master of Science (MSc) in Wildlife Biology & Conservation

9/2018 - 10/2019

Edinburgh Napier University (UK)

- Thesis Title: Habitat Preferences, Home Range, Diet and Primate Community of the Black-Crested Leaf Monkey (*Presbytis melalophos*) in West Sumatra (Indonesia)

#### Bachelor of Science (BSc) in Biological Sciences

9/2014 - 7/2018

University of Florence (Italy)

- Thesis Title: Analysis of ant communities (Hymenoptera: Formicidae) across an altitudinal gradient.
- Student representative of the School of Biology

#### Exchange Student

9/2016 - 1/2017

Vrije Universiteit Amsterdam (Netherlands)

- Designed and conducted research to test boldness in birds living in human environments

#### Scientific high school

9/2009 - 7/2014

I.I.S.S. Gandhi Merano (Italy)

- Selected as student science leader and presenter at the Eurac Bolzano (Italy) research centre and created ampicillin-resistant bacteria for the Lars Biotech project

### Research experience & extracurricular activities

#### Food Web Ecology Intern

9/2020 - Present

Ferenc Jordán Lab - Balaton Limnological Institute (Hungary)

- Researching the effects of data aggregation on centrality indices
- Building a MATLAB toolbox for the analysis of food webs

#### Volunteer Research Assistant in Community Ecology

12/2019

Hillary Young Lab - University of California, Santa Barbara (USA)

- Identified invertebrates to model the food web of Palmyra Atoll (USA)

#### Volunteer Research Assistant in Biodiversity Survey

10/2019-12/2019

CCBER - University of California, Santa Barbara (USA)

- Researched the ant and bee biodiversity of Santa Barbara County (UCSBees Survey & Ants of Santa Barbara County)

#### Volunteer Research Assistant in Population Ecology

2/2019

Prof Graham Pettigrew - University of Edinburgh (UK)

- Surveyed mountain hares' (*Lepus timidus*) activity to understand their phenological cycles

#### Volunteer Zoology Collection Assistant

10/2019 - 12/2019

CCBER - University of California, Santa Barbara & Santa Barbara Museum of Natural History (USA)

- Created online records of the invertebrate biodiversity present at CCBER
- Curated the entomological collection by pinning and point mounting

#### Volunteer Conservation Docent

11/2019 - 12/2019

Coal Oil Point Reserve - University of California, Santa Barbara (USA)

- Educated the public about the snowy plover (*Charadrius nivosus*) conservation happening at Coal Oil Point Reserve (California)
- Carried out data entry for quality control

#### Volunteer Biological Recorder

2/2019 - 4/2019

Countryside East Lothian Rangers (UK)

- Monitored non-breeding waterbirds in Aberlady Bay (Scotland)

#### Mathematics tutor

7/2014

Self-employed

- Taught high-school level mathematics to students

### List of publications & released packages

- **Giacomuzzo, Emanuele** and Jordán, Ferenc. (2021). Food web aggregation: effects on key positions. In review.
- **Emanuele Giacomuzzo** (2021). Food Web Analysis Toolbox ([https://github.com/Emanuele-Giacomuzzo/toolbox\\\_webanalysis/releases/tag/1.1.0](https://github.com/Emanuele-Giacomuzzo/toolbox\_webanalysis/releases/tag/1.1.0)), GitHub.

### **Scholarships & funding**

- AQUACOSM transnational access funding. This will allow me to access the mesocosm facility Seeon Limnological Station (Ludwig Maximilian University of Munich) up to 40 days. 2/2021
- Erasmus+ scholarship 9/2016

### **Conferences attended**

- 2nd International Aquatic Mesocosm Research Symposium 4/2021
- Scottish Botanists' Conference 10/2018

### **Other skills**

**Software:** Matlab (advanced), R (intermediate), QGIS (intermediate), Program Mark (basic knowledge)

**Languages:** Italian (first language), English (full professional proficiency), German (basic-intermediate level), Spanish (basic level)