

Curriculum Vitae of Marco Barandun

Personal website: <https://marco-barandun.github.io/ecology/>



1. Name, Surname, date of birth, nationality

Marco Barandun

22. July 1996

Schweiz

2. Languages

Italian Native language

German C2 spoken / C2 written

English C2 spoken / C2 written, TOEFL iBT total points: 110/120 (14.10.2017)

French B1 spoken / B1 written

Spanish A2 spoken

Swiss German Native language

3. University education

2019 - 2022 Master of Science in Biology (M Sc), Major “Ecology and Evolution”
ETH Zürich, 98.5 ECTS; Average grade: 5.57/6

2019 - 2019 Exchange semester, Western Sydney University, Australia
Average Grade: High Distinction, GPA: 6.75/7

2015 - 2018 Bachelor of Science in Biology (B Sc), Major “Animal and Plant Sciences”
Universität Basel, 200 ECTS; Average grade: 5.50/6

4. Awards

2020 Selection for the National Model United Nations 2021
by the Swiss Study Foundation

2020 Selection for the Werner Siemens Excellence Fellowship
of 19'200CHF by the Swiss Study Foundation

2018 Nomination by the Swiss Study Foundation for a
support of 2500CHF for studies abroad

2018 Nomination by the University of Basel for an exchange
semester in the Australian-European-Network

5. Selected working experience

2022 - present Intern, [Crowther Lab](#), ETH Zürich
Manuscript preparation. Using R, Google Earth Engine and Python to model the distribution of >110'000 species on a High-Performance Computing Cluster.

2022 Field assistant for a [study](#) on genetic diversity monitoring in Switzerland.
Sample collection and herbarium specimens preparation. >6000 km driving.

2017 - 2018 Collaborator of the Botanical Garden, Universität Basel
Organiser of special events for the public (e.g. blooming of particular species)

6. Professional service

2021 - present Editor of the [annual bulletin of the Society of Natural Sciences of the Canton Ticino](#) (STSN)

7. Publication list

Peer-reviewed papers

Barandun M., Paz A., van Tiel N., Crowther T., Maynard D.(2023). Explaining species richness: latitudinal gradient in niche breadth.
In preparation.

Master thesis

Barandun, M. (2022). Explaining species richness: latitudinal gradient in niche breadth.
Application of Species Distribution Models to explain relationships among latitude, species richness, niche breadth, and geographic extent in vascular plants at a global scale.
ETH Zurich, <https://doi.org/10.3929/ethz-b-000570595>