



## Europass Curriculum Vitae

*Al fine della pubblicazione*

### Personal information

First name(s) / Surname(s) **Matteo Ventura**  
E-mail matteo.ventura@uniroma1.it  
Nationality Italian  
Gender Male

### Desired employment / Occupational field **PhD Candidate**

### Work experience

Dates March 2020 – October 2021  
Occupation or position held Trainee research  
Main activities and responsibilities Field and laboratory experimental activities aimed to research on freshwater invasive fishes at Bournemouth University (Department of Life and Environmental Sciences) and Sapienza University (Department of Environmental Biology)  
Name and address of employer DiSCo Lazio (Torno-Subito 2019 Project) - 24/b, Cesare de Lollis Street, 00185, Rome  
Type of business or sector Regional Agency

### Education and training

Dates November 2021 onwards  
Title of qualification awarded PhD in Environmental and Evolutionary Biology - Ecological Science curriculum, with a research project entitled "Mechanisms that favor or prevent the success of alien species"  
Principal subjects/occupational skills covered Training for a research career which includes field and laboratory experimental work, data analysis, paper writing and teaching activities.  
Name and type of organisation providing education and training Sapienza, University of Rome – Department of Environmental Biology

Dates October 2017 – October 2019  
Title of qualification awarded Master's Degree in EcoBiology, with a thesis entitled "Role of body size and habitat complexity in the structure of the diet of *Micropterus salmoides* in Lake Bracciano", with 110/110 cum laude  
Principal subjects/occupational skills covered Advanced preparation on the theories, problems and applications of modern ecology, with emphasis on functional and evolutionary aspects concerning ecosystems functioning, dynamics and sensitivity of ecological networks to environmental changes, including global changes, biodiversity management, conservation of populations and impact of alien species.  
Name and type of organisation providing education and training Sapienza, University of Rome

Dates October 2013 - March 2017  
Title of qualification awarded Bachelor's Degree in Natural Sciences with 107/110  
Principal subjects/occupational skills covered Teachings in basic disciplines (Physics, Chemistry and Mathematics) and in characterizing disciplines (biological, ecological and earth sciences), aimed to acquire an integrated vision of the nature through the application of the scientific method aimed at recognition, classification and conservation of the abiotic and biotic components of ecosystems.

Name and type of organisation providing education and training	Sapienza, University of Rome
<b>Personal skills and competences</b>	
Mother tongue(s)	Italian
Other language(s)	English – B2
Technical skills and competences	<p>Ability to develop an experimental design.</p> <p>Capacity to sample invertebrate organisms and fish (electrofishing, fish trap and fishing line) in freshwater ecosystems and to dissect them, collecting tissue and stomach contents.</p> <p>Ability in sample processing for isotopic analysis, that include lyophilization, pulverization, weighing and encapsulation in tin caps.</p> <p>Able to elaborate and interpret stable isotope analysis data.</p> <p>Ability to conduct manipulative experiments under controlled conditions.</p>
Computer skills and competences	Competent with Microsoft Office programmes, Past3 (software for scientific data analysis) and basic use of R (software for statistical computing and graphics supported).
Driving licence	B
<b>Additional information</b>	<p>PERSONAL INTERESTS</p> <p>Interested to aquatic ecology, especially to fish. Eager to continue in research work to investigate the mechanisms behind the success of alien species and the synergy with the other components of global environmental change.</p> <p>Line fishing enthusiast, mainly to predator fish.</p>

#### Publications:

**Ventura M**, Careddu G, Calizza E, Sporta Caputi S, Argenti E, Rossi D, Rossi L and Costantini ML (2023). *When Climate Change and Overexploitation Meet in Volcanic Lakes: The Lesson from Lake Bracciano, Rome's Strategic Reservoir*. *Water*, 15(10), 1959.

**Ventura M**, Valente T, Seminara M, Careddu G, Sporta Caputi S, Calizza E, Rossi L, Costantini ML (2023). *First record of the Asian freshwater fish *Pseudorasbora parva* (Temminck and Schlegel, 1846) from Lake Bracciano (Central Italy)*. *Bioinvasions Records* (Accepted on 16 Oct 2023, Pre-print version).

Costantini ML, Kabala JP, Sporta Caputi S, **Ventura M (Corresponding Author)**, Calizza E, Careddu G, Rossi L (2023). *Biological invasions in freshwaters: *Micropterus salmoides*, an American fish conquering the world*. *Water* (Accepted on 28 Oct 2023, Pre-print version).

#### Congress attendance:

Careddu G, **Ventura M**, Sporta Caputi S, Calizza E, Rossi L, Costantini ML. 2023. Fish invasions in inland waters: synergy between competition and habitat simplification in Lake Bracciano. XXXII Congress of the Italian Society of Ecology, 6-8 September 2023, Catania, Italy.

Careddu G, Fiorentino F, Calizza E, **Ventura M**, Sporta Caputi S, Rossi L, Costantini ML. 2022. From shore to the bottom: detecting anthropogenic nitrogen inputs on Lake Bracciano through  $\delta^{15}\text{N}$  of epilithon and Characeae. XXXI Congress of the Italian Society of Ecology, 13-15 September 2022, Siena, Italy.

**Ventura M**, Cittadino S, Frusone A, Calizza E, Costantini ML. 2022. Effect of temperature, sex and prey size on the functional response of a globally invasive fish (*Poecilia reticulata*). Virtual meeting Young Researchers in Ecology and Sciences of Aquatic Systems S.It.E.-A.I.O.L., 25-26 May 2022, Cagliari, Italy.

**Ventura M**, Calizza E, Careddu G, Sporta Caputi S, Rossi L, Costantini ML. 2021. Role of body size and habitat complexity in the structure of the diet of the invasive *Micropterus salmoides*. XXX Congress of the Italian Society of Ecology, 25-27 October 2021, Lecce, Italy - Riccardo Cattaneo-Vietti Award

I authorize the treatment of my personal data

October 2023

A handwritten signature in black ink, appearing to read 'Matteo Ventura', written in a cursive style.