

Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)

Matteo Ventura

Desired employment / Occupational field

PhD in Environmental and Evolutionary Biology

Work experience

Dates	November 2023 – February 2025
Occupation or position held	Coordinator for orientation courses in upper secondary schools
Main activities and responsibilities	Coordination between the University and the contractual secondary school, coordination of academic teachers within each orientation course
Name and address of employer	Sapienza University of Rome (NextGen EU) – Piazzale Aldo Moro 5, 00185 Rome, Italy
Type of business or sector	University
Dates	March 2020 – October 2021
Occupation or position held	Trainee researcher
Main activities and responsibilities	Field and laboratory experimental activities focused on research into freshwater invasive fishes, conducted at Bournemouth University (Department of Life and Environmental Sciences) and Sapienza University of Rome (Department of Environmental Biology)
Name and address of employer	DiSCo Lazio (Torno-Subito 2019 Project) – 24/b Cesare de Lollis Street, 00185 Rome, Italy
Type of business or sector	Regional Agency

Education and training

Dates	November 2021 – January 2025
Title of qualification awarded	PhD in Environmental and Evolutionary Biology – Curriculum "Ecological Science", with a research project entitled "Mechanisms that favour or prevent the success of alien fishes in fresh waters: Investigating interactions with co-occurring stressors", awarded with Excellent
Principal subjects/occupational skills covered	Training for a research career, including field and laboratory experimental work, data analysis, paper writing, conference attendance, and teaching activities in the BIOS-05/A sector
Name and type of organisation providing education and training	Sapienza University of Rome – Department of Environmental Biology
Dates	5 June 2023 – 30 June 2023
Title of qualification awarded	Certificate of Attendance Short-term mobility activity within the course entitled "H2O Pollution: Holistic Approach & Nature-Based Solutions"
Principal subjects/occupational skills covered	Lectures and practical applications on ecological and chemical approaches for water quality assessment and on nature-based solutions for pollution remediation, including bioenergy production
Name and type of organisation providing education and training	Sapienza University of Rome – Department of Environmental Biology, as part of the CIVIS Alliance

Publications:

Ventura M, et al. (2025). *Role of body size and habitat complexity in the diet of the invasive *Micropterus salmoides* (Lacepede): Optimal foraging theory matters*. *Biological Invasions*, 27(1): 1-15. <https://link.springer.com/article/10.1007/s10530-024-03519-8>

Ventura M, et al (2024). *Intraspecific variation in the functional responses of an invasive tropical freshwater fish under increasing temperature regimes*. *Scientific Reports* 14(1): 28424 (Collection "Experimental Ecology" Nature portfolio). <https://www.nature.com/articles/s41598-024-79957-0>

Sporta Caputi S, **Ventura M**, et al (2024). *Individual diet variability shapes the architecture of Antarctic benthic food webs*. *Scientific Reports* 14(1): 12333. <https://www.nature.com/articles/s41598-024-62644-5>

Ventura M, et al (2024). *First record of the Asian freshwater fish *Pseudorasbora parva* (Temminck and Schlegel, 1846) from Lake Bracciano (Central Italy)*. *Bioinvasions Records* 13(1): 233-240. https://www.reabic.net/journals/bir/2024/1/BIR_2024_Ventura_et al.pdf

Costantini ML, **Ventura M**, et al (2023). *Biological invasions in freshwaters: *Micropterus salmoides*, an American fish conquering the world*. *Water* 15(21): 3796. <https://www.mdpi.com/2073-4441/15/21/3796>

Ventura M, et al (2023). *When Climate Change and Overexploitation Meet in Volcanic Lakes: The Lesson from Lake Bracciano, Rome's Strategic Reservoir*. *Water* 15(10): 1959. <https://www.mdpi.com/2073-4441/15/10/1959>

Near submission:

Ventura M, et al. (Expected 2025 – Functional Ecology). *Predatory interactions in a warming world: Functional response of invasive and native freshwater fish species to rising temperatures*.

Congress attendance (as speaker only):

Ventura M, et al. *Predatory interactions in a warming world: Functional response of invasive and native freshwater fish species*. XXXIII Congress of the Italian Society of Ecology, 23-26 September 2024, Rome, Italy.

Ventura M, et al. *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, et al. *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.

Participation in research projects:

PRA "Fish communities of Northeastern Greenland shelf at a glance: diversity, functioning and resilience" 2022

PRIN "Role of habitat degradation and food web structure in the performance of wetlands as carbon sinks" 2022

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali". Dichiaro di essere consapevole che il presente curriculum vitae sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione "Amministrazione trasparente", nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 15.

8 Agosto 2025