Matteo Angeli

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WORK EXPERIENCE

2020 – 2023 Torino, Italy
UNIVERSITY TRAINEESHIP (MSC) UNIVERSITY OF TURIN

Ecology · Data Analysis · Interdisciplinary Project

- Research project on butterfly mobility (gen. Pieris) in urban environment (Turin city), through field sampling and data analysis
- Collaboration with Physic Department (University of Turin) to model butterfly mobility via Multi-Agent System
- Master,s thesis "*Urban Permeability: a Multidisciplinary Approach to Study Turin Butterfly Mobility*" [English]

04/2022 – 09/2022 Uppsala, Sweden
ERASMUS TRAINEESHIP SWEDISH UNIVERSITY OF AGRICULTURAL SCIENCES, UPPSALA

Insect Monitoring · Qualitative Analysis

- Research on butterfly (fam. Satyrinae) behaviour in a *Road Ecology* context
- Project planning, field sampling and data analysis performed autonomously, under the supervision of professor Erik Öckinger

2017 – 2020 Turin, Italy
UNIVERSITY TRAINEESHIP (BSC) UNIVERSITY OF TURIN

Insect Monitoring

- Field work: butterfly monitoring (manual netting, Mark Release Recapture, Pollard's Transect, counting squares of eggs and larvae)
- Laboratory assistant (class of Invertebrate Zoology) - 1 semester
- Non-research dissertation titled "Management of linear infrastructures to promote butterfly conservation" [Italian]
- Main field sampling executed on *Zerynthia polyxena* project - Susa Valley (Turin, Italy)

EDUCATION AND TRAINING

11/2020 – 11/2023 Turin, Italy
MASTER'S DEGREE IN ENVIRONMENTAL BIOLOGY University of Turin

Animal Ecology, General Entomology, Invertebrates Conservation, Vertebrates Conservation, Application of GIS, Statistical Analysis (language: R), Zoological Sampling Methods, Animal and Plant Ecophysiology

Field of study Environmental sciences , Biology | **Final grade** 104/110 |

Thesis Urban Permeability: a Multidisciplinary Approach to Study Turin Butterfly Mobility

10/2016 – 11/2020 Turin, Italy
BACHELOR'S DEGREE IN BIOLOGICAL SCIENCES University of Turin

Zoology, Botany, Ecology, Animal and Plant Physiology, Population and Evolution Biology, Biochemistry, Genetic and Molecular Biology

Field of study Biology | **Number of credits** 180 | **Thesis** Management of linear infrastructures to promote butterfly conservation

2011 – 2016 Turin, Italy
HIGHSCHOOL DIPLOMA Liceo Scientifico Statale A. Volta

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Digital Skills - Test Results

⌦ Information and data literacy **ADVANCED** Level 6 / 6

⧉ Communication and collaboration **ADVANCED** Level 5 / 6

◎ Digital content creation **ADVANCED** Level 5 / 6

⬚ Safety **INTERMEDIATE** Level 4 / 6

⌨ Problem solving **ADVANCED** Level 5 / 6

Results from [self-assessment](#) based on [The Digital Competence Framework 2.1](#)

My Digital Skills

R, R Studio, R Markdown │ GIS (QGIS) │ Git & GitHub │ Overleaf & LaTeX │ Python Language - Basic knowledge │ Microsoft Windows OS │ Microsoft Office │ Linux OS (beginner)

Soft Skills

Scientific Communication │ Ability to work in a team and autonomously │ Multidisciplinary Teamwork │ Good listener and communicator │ Curiosity for achiving new skills

ADDITIONAL INFORMATION

COMMUNICATION AND INTERPERSONAL SKILLS

Soft Skills Scientific Communication, Ability To Work In A Team And Autonomously, Multidisciplinary Teamwork, Curiosity For Achieving New Skills, Adaptability, Working Under Pressure

Communication experience
- Presentation of Master's degree thesis project to the third national meeting of *Associazione Lepidotterologica Italiana* (Italian Lepidopterological Association) - Ostana, Italy (2023)
- Ecology activity-games during a multidisciplinary school trip under *Pelagosphera*; few days in Cinque Terre - Portovenere, with Highschool classes (2023)
- Presentation and accompaniment to the visitor of Fondo Ambiente Italiano through a visit within the Department of Life Science and System Biology (University of Turin) - presentation and historical comparison of past and present research studies in zoology
- *European Researchers' Night* (edition 2019 and 2022) under ZooLab - University of Turin
- *GeoNight* (International Nigh of Geography, 2022) - Speech about urban ecosystem, with focus on urban ecology and pollinator roles on food system in Urban Social Gardens (under *ProGIreg* European project and ZooLab, University of Turin)
- Bioblitz about the project "*Zerynthia polyxena*", where I supported the research group ZooLab (University of Turin) during different lab and field activity to present the research to Susa Valley's citizens.

CONFERENCES AND SEMINARS

21/09/2022 – 23/09/2022 – Turin
OpenLivingLab Days Conference 2022 - "The city as a Lab, but now for real!" Speech about my thesis project, as research in progress, entitled "Multi Agent System to design permeable cities for butterflies"

Conference proceeding at the following link

Link https://europa.eu/europass/eportfolio/screen/redirect-external?url=https%3A%2F%2Fwww.researchgate.net%2Fprofile%2FJuliana-Gadelha%2Fpublication%2F366850195_Blue_growth_economy_An_integration_program_between_the_private_sector_public_funds_and_stakeholders_p growth-economy-An-integration-program-between-the-private-sector-public-funds-and-stakeholders-promoting-a-social-enterprise-Aquaponic-systems-as-an-economic-development-tool-Open-Living-Lab-D.pdf%23page%3D215

DRIVING LICENCE

Driving Licence: B