Matteo Angeli

Home : Torino, Italy

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Nationality: Italian

WORK EXPERIENCE

[03/2024 – Current]
Assistant Researcher
University of Turin

City: Turin | **Country:** Italy

Insect Monitoring · Data Analysis

- Sustainable insect management in chestnut grove at the Department of Agricultural and Forest Science - Unit of Entomology (with Associate professor Chiara Ferracini)
- Insect monitoring within different project (from urban ecology, to species richness evaluation) and data analysis

[04/2024 – 09/2024]
PLS (Piano Laurea Specialistiche, Master degree plan) tutor
University of Turin

City: Turin | **Country:** Italy

Project: "Piano Lauree Scientifiche" - Teaching tutor (art. 76)

Title: "Biodiversity and Ecosystems"

With different highschool classes, I will perform lectures, field experiences and laboratory analysis about pollinator biodiversity

[02/2024 – 06/2024]
Tutoring on Animal Biology and Human Anatomy for inmate students
University of Turin

City: Turin | **Country:** Italy

Tutoring on Animal Biology and Human Anatomy for inmate students - Bachelor's degree in Sport Science

Teaching tutor (art. 76)

[2020 – 2023]
University Traineeship (MSc)
University of Turin

City: Torino | **Country:** Italy

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]

Thesis Supervisor: Associate Professor Simona BONELLI

Thesis Co-supervisor: Professor Marco MAGGIORA; Associate Professor Marco DESTEFANIS; Irene PICCINI, PhD.

[04/2022 – 09/2022]
Erasmus Traineeship

SLU - Swedish University of Agricultural Sciences, Uppsala

City: Uppsala | **Country:** Sweden

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] **University Traineeship (BSc)**

University of Turin

City: Turin | **Country:** Italy

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
- Main field sampling executed on *Zerynthia polyxena* project, with Irene Piccini as project coordinator - Susa Valley (Turin, Italy)
- Non-research dissertation titled "Management of linear infrastructures to promote butterfly conservation" [Italian]

Thesis Supervisor: Associate Professor Simona BONELLI; Co-supervisor: Irene PICCINI, PhD

EDUCATION AND TRAINING

[11/2020 – 11/2023] **Master's Degree in Environmental Biology**

University of Turin

City: Turin | **Country:** Italy | **Field(s) of study:** Natural sciences, mathematics and statistics: ● *Environmental sciences* ● *Biology* | **Final grade:** 104/110 | **Type of credits:** ECTS | **Number of credits:** 120 | **Thesis:** Urban Permeability: a Multidisciplinary Approach to Study Turin Butterfly Mobility

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

[10/2016 – 11/2020] **Bachelor's Degree in Biological Sciences**

University of Turin

City: Turin | **Country:** Italy | **Field(s) of study:** Natural sciences, mathematics and statistics: ● *Biology* | **Final grade:** 87/110 | **Type of credits:** ECTS | **Number of credits:** 180 | **Thesis:** Management of linear infrastructures to promote butterfly conservation

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

[2011 – 2016] **Highschool Diploma**

Liceo Scientifico Statale A. Volta

City: Turin | **Country:** Italy |

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** 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)

COMMUNICATION AND IN-TERPERSONAL 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

- Multidisciplinary School Trips under *Pelagosphera* of three 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 SEM-INARS

[21/09/2022 – 23/09/2022] **OpenLivingLab Days Conference 2022 - "The city as a Lab, but now for real!"** Turin

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_betw een_the_private_sector_public_funds_and_stakeholders_promoting_a_social_enterprise_Aqua ponic_systems_as_an_economic_development_tool_Open_Living_Lab_Days%2Flinks%2F6422d 04466f8522c38dbf831%2FBlue-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

[01/07/2023 – 03/07/2023] **Third National Meeting of Associazione Lepidotterologica Italiana**   Ostana (Cuneo)

Presentation of Master's degree thesis project to the third national meeting of Associazione Lepidotterologica Italiana (Italian Lepidopterological Association) - Ostana, Italy (2023)

Link: https://www.lepidoptera.life/

DRIVING LICENCE

Cars: B