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DAVIDE **CARNIATO**

EDUCATION

2020–2022   **International MSc - "Wildlife Management, Conservation and Control"**
Faculty of Veterinary Medicine - University of Sassari, Italy
MSc focusing on population ecology, disease control, assisted reproduction, genetics, and species reintroduction. MCs thesis: "How local environment can affect detection zone of camera traps in wildlife monitoring?"

2014–2018   **BCs in "Production and Management of Domestic and Wild Animals"**
Faculty of Veterinary Medicine - University of Turin, Italy
BCs focusing on animal biology and ecology, including anatomy, physiology, microbiology, pathology, agronomy, and freshwater ecology.

WORK EXPERIENCE

2024–current   **Researcher**
Fundación Artemisan
Data collection, harmonization, report writing, and scientific publications on animal ecology.

2024–current   **Data manager**
Fundación CBD-Habitat
Monk seal conservation project (Mauritania): creation of the conservation area, development of data model, and management of field data.

2022–2024   **Researcher**
IREC (Institute for Game and Wildlife Research)
EFSA projects (ENETWILD, EOW): wildlife data management, conservation-area design, team coordination, and camera-trap analysis using R and AI tools.

2019   **Counselling**
Freelance
Consultancy in the animal industry with focus on policy analysis, animal welfare, and report writing.

INTERNSHIPS

2021	**Student** **Faculty of Veterinary Medicine - University of Sassari - Italy** Worked in a genetic laboratory performing DNA extraction, PCR, and microsatellite analysis to study wild boar hybridization.
2019	**Student** **"L'Italica" game breeding center - Italy** Participated in a LIFE project for the recovery of the Italian Grey Partridge (P. perdix italica), handling genetic selection, feed management, disease control, and reproduction.

GRANTS & AWARDS

2022 Erasmus Traineeship Grant – University of Sassari, Italy

Publications

2025 Public perspectives on tick bite exposure, healthcare visits and associated allergies in Iberia; Annals of Medicine, Vol. 57 issue 1.

2025 The influence of snow cover, elevation, and latitude on fur colour in the mountain hare; Ecosistemas, Vol. 34 issue 1.

2024 Clustered and rotating designs as a strategy to obtain precise detection rates in camera trapping studies; Journal of Applied Ecology, Vol. 61 issue 7.

2024 Generating wildlife density data across Europe in the framework of the European Observatory of Wildlife (EOW); EFSA Supporting Publications, Vol. 21 issue 10.

2023 Can Eucalyptus plantations influence the distribution range of mesocarnivores? Landscape Ecology, Vol. 38.

2023 Wild ungulate density data generated by camera trapping in 37 European areas EFSA Supporting Publications, Vol. 20 issue 3.

2022 Development of an app for processing data on wildlife density in the field EFSA Supporting Publications, Vol. 19 issue 12.

2022 Implementing practical methods to estimate population density of wild mammals EFSA Supporting Publications, Vol. 19 issue 9.

2022 Data generated by camera trapping in 40 areas in Europe including East and South Europe: report of the field activities EFSA Supporting Publications, Vol. 19 issue 7.

Conferences

2023 XIV Edition of "RUSI" Iberian Wild Ungulate Meeting, "Evaluation of artificial intelligence for species recognition and individual counting in camera-trap images: Agouti platform – Western European species model version 4a."; Oral communication, *Award for Best Oral Presentation*.

2023 XVI SECEM International Congress, "Assessment of Artificial Intelligence for Species Recognition and Individual Counting in Camera Trap Images: capabilities in Agouti Platform"; Oral communication.

Certificates

2025 Python course - Udemy Online learning (35.5 hours)

2022 - 2024 SMART Tool Training – LIFE Project, Hands-on teaching to technicians (in-person)

LANGUAGES

Italian (mother tongue)
Spanish (C2)
English (C1)
French (A2)
Portuguese (A1)

IT skills

R (R studio) - **Advanced**, Experience: 3 years
Python (Visual code, Jupiter) - **Intermediate**, Experience: 1.5 years
Microsoft Power BI - **Basic**, Experience: 1 year
Microsoft Office - **Advanced**, Experience: 6 years
Terminal/shell - **Basic**, Experience: 1.5 years
LaTex (Overleaf) - **Basic**, Experience: 1 year
SMART (smart conservation tool) - **Advanced**, Experience: 3 years

ABOUT ME

Driven data scientist with hands-on experience in animal data, field research and wet lab work. Eager to transform real-world and community-generated information into meaningful insights. I work well in teams, am a quick learner, and am very excited about the opportunity to contribute to an impactful research group. On a personal note, I love animals and nature, and I'm happiest when skiing or spending time in the mountains.