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## *Curriculum Vitae*

# OLIVIA DONDINA

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*Curriculum Vitae dell'attività scientifica e didattica redatto ai sensi degli artt. 46 e 47 del D.P.R. 28.12.2000, n. 445 (dichiarazioni sostitutive di certificazioni e dell'atto di notorietà).*

*La sottoscritta Olivia Dondina nata a Milano il 06/07/1988 c.f. DNDLVO88L46F205F residente in Milano (MI) C.A.P. 20159, Via Porro Lambertenghi 9 ai sensi degli artt. 46 e 47 del d.p.r. 445/2000 e consapevole che le dichiarazioni mendaci sono punite ai sensi del Codice penale e delle leggi speciali in materia, secondo le disposizioni richiamate dall'art. 76 del D.P.R. 445/2000 dichiara quanto segue.*

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## 1. PERSONAL INFORMATION

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**Name and Surname:** OLIVIA DONDINA.

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**Google Scholar Profile:** <https://scholar.google.com/citations?user=XNRDBmkAAAAJ&hl=it>

## 2. SCIENTIFIC EDUCATION

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### DEGREES

**2017:** Ph.D. in Science (Environmental Science Curriculum). Period: 01/01/2014 - 31/12/2016. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy). Thesis title: "How to design an ecological network for forest-dwelling species in a highly fragmented agro-ecosystem". Supervisor: Prof. L. Bani, Co-supervisor: Prof. A. Meriggi. Awarded on 10/04/2017 with honors.

**2012:** Master's Degree in Natural Sciences (LM-60). University of Milan (Milan, Italy). Thesis title: "Impact of the wolf (*Canis lupus* L., 1758) on livestock farming in the Pavia and Piacenza Apennines and predation risk prediction". Supervisor: Prof. M. Ferraguti, Co-supervisor: Prof. A. Meriggi. Awarded on 05/12/2012 with a grade of 110/110 with honors.

**2010:** Bachelor's Degree in Natural Sciences (Class 27). University of Milan (Milan, Italy). Thesis title: "Geographic variation of hemoparasites (hemogregarines) in the common wall lizard *Podarcis muralis* (Laurenti, 1768)". Supervisor: Prof. M. Ferraguti, Co-supervisor: Prof. D. Pellitteri Rosa. Awarded on 20/10/2010 with a grade of 110/110 with honors.

**2007:** Scientific High School Diploma. Liceo Scientifico F. Severi (Milan, Italy).

### ACADEMIC TRAINING EXPERIENCES

**May 2016 - June 2016:** Ph.D. training abroad at Universidad Politécnica de Madrid (ECOGESFOR Lab) (Madrid, Spain). Development of ecological connectivity models using Conefor Sensinode and UNICOR software (Supervisor: Prof. M.C. Mateo-Sánchez).

**May 2013 - December 2013:** Postgraduate internship. Training project for an internship under the agreement between the University of Milan and the University of Pavia. Department of Earth and Environmental Sciences, University of Pavia (Pavia, Italy). Research activities on the ecology of roe deer (*Capreolus capreolus*) in the Lombard Park of the Ticino Valley.

### POSTDOCTORAL ACADEMIC RESEARCH EXPERIENCE

**April 2023 - Present:** Researcher (RTD A) in Zoology SSD BIO/05. Research field: "Mammalian diversity in urban environments". National Biodiversity Future Center (NBFC) Spoke 5. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy). Scientific supervisor: Prof. L. Bani. Duration: 36 months.

**April 2022 - March 2023:** Research fellowship (Type B). Title: "Environmental suitability and connectivity modeling to investigate and prevent conflicts between wildlife and human activities". SSD BIO/05. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy). Scientific supervisor: Prof. L. Bani. Duration: 12 months.

**January 2017 - March 2022:** Research fellowship (Type A). Title: "Study of ecological connectivity for wildlife conservation in fragmented landscapes". SSD BIO/05. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy). Scientific supervisor: Prof. L. Bani. Duration: 48 months (24+24 months).

## 3. ACADEMIC TEACHING ACTIVITIES

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### UNIVERSITY TEACHING ASSIGNMENTS

**A.Y. 2024 - 2025:** Contract Professor (Course Instructor). Course: Landscape Configuration and Animal Populations. SSD BIO/05. 26h (3 CFU). Master's Degree in Biodiversity Conservation, Teaching, and

Scientific Communication LM-60. Department of Earth and Environmental Sciences, University of Pavia (Pavia, Italy).

**A.Y. 2024 - 2025:** Supplementary Teaching. Course: Biodiversity and Conservation. SSD BIO/05. 20h (2 CFU). Master's Degree in Environmental and Territorial Sciences and Technologies. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy).

**A.Y. 2024 - 2025:** Supplementary Teaching. Course: Computer Science. 20h (2 CFU). Bachelor's Degree in Environmental Sciences and Technologies. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy).

**A.Y. 2023 - 2024:** Contract Professor (Course Instructor). Course: Landscape Configuration and Animal Populations. SSD BIO/05. 26h (3 CFU). Master's Degree in Biodiversity Conservation, Teaching, and Scientific Communication LM-60. Department of Earth and Environmental Sciences, University of Pavia (Pavia, Italy).

**A.Y. 2023 - 2024:** Supplementary Teaching. Course: Biodiversity and Conservation. SSD BIO/05. 20h (2 CFU). Master's Degree in Environmental and Territorial Sciences and Technologies. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy).

**A.Y. 2023 - 2024:** Supplementary Teaching. Course: Computer Science. 20h (2 CFU). Bachelor's Degree in Environmental Sciences and Technologies. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy).

**A.Y. 2022 - 2023:** Supplementary Teaching. Course: Biodiversity and Conservation. SSD BIO/05. 10h (1 CFU). Master's Degree in Environmental and Territorial Sciences and Technologies. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy).

**A.Y. 2022 - 2023:** Contract Professor (Course Instructor). Course: Landscape Configuration and Animal Populations. SSD BIO/05. 26h (3 CFU). Master's Degree in Natural Sciences. Department of Earth and Environmental Sciences, University of Pavia (Pavia, Italy).

**A.Y. 2021 - 2022:** Contract Professor (Course Instructor). Course: Landscape Configuration and Animal Populations. SSD BIO/05. 26h (3 CFU). Master's Degree in Natural Sciences. Department of Earth and Environmental Sciences, University of Pavia (Pavia, Italy).

**A.Y. 2020 - 2021:** Contract Professor (Course Instructor). Course: Landscape Configuration and Animal Populations. SSD BIO/05. 26h (3 CFU). Master's Degree in Natural Sciences. Department of Earth and Environmental Sciences, University of Pavia (Pavia, Italy).

**A.Y. 2019 - 2020:** Contract Professor for Supplementary Teaching. Course: Biodiversity and Conservation. SSD BIO/05. 20h (2 CFU). Master's Degree in Environmental and Territorial Sciences and Technologies. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy).

**A.Y. 2017 - 2018:** Contract Professor for Supplementary Teaching. Course: Animal and Cellular Biology. Module: Zoology. SSD BIO/05. 20h (2 CFU). Bachelor's Degree in Environmental Sciences and Technologies. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy).

**A.Y. 2017 - 2018:** Teaching Tutor. Course: Animal and Cellular Biology. Module: Zoology. SSD BIO/05. 20h. Bachelor's Degree in Environmental Sciences and Technologies. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy).

**A.Y. 2016 - 2017:** Teaching Tutor. Course: Animal and Cellular Biology. Module: Zoology. SSD BIO/05. 20h. Bachelor's Degree in Environmental Sciences and Technologies. Department of Earth and Environmental Sciences, University of Milano-Bicocca (Milan, Italy).

## **SUPERVISOR AND CO-SUPERVISOR OF INTERNSHIP AND THESES**

**2024 - present:** Supervisor of 2 master's theses for students in Environmental Science and Technology and 1 bachelor's thesis in Environmental Science and Technology at the University of Milano-Bicocca (Milan, Italy).

**2024 - present:** Supervisor of 2 master's theses for students in Biodiversity Conservation, Teaching, and Scientific Communication at the University of Pavia (Pavia, Italy).

**2022 - present:** Co-supervisor of 1 thesis for a student in the Interuniversity Master's Program in Environmental and Wildlife Management and Conservation (Universities of Parma, Florence, Insubria, Pavia, and Sassari). Main supervisor: Prof. F. Nonnis Marzano.

**2015 - present:** Co-supervisor of 6 internships and theses for bachelor's students in Environmental Science and Technology at the University of Milano-Bicocca (Milan, Italy). Main supervisor: Prof. L. Bani.

**2020 - 2021:** Supervisor of 1 bachelor's thesis in Natural Sciences at the University of Milan (Milan, Italy). Internal supervisor: Prof. D. Rubolini.

**2014 - 2019:** Co-supervisor of 4 master's theses in Environmental Science and Technology at the University of Milano-Bicocca (Milan, Italy). Main supervisor: Prof. L. Bani.

**2013 - 2016:** Co-supervisor of 3 master's theses in Biodiversity and Biological Evolution at the University of Milan (Milan, Italy). Main supervisors: Prof. N. Saino, Prof. D. Rubolini, Prof. P. Tremolada.

**2013 - 2014:** Co-supervisor of 2 bachelor's theses in Natural Sciences at the University of Milan (Milan, Italy). Main supervisor: Prof. D. Rubolini.

**2013 - 2014:** Co-supervisor of 1 master's thesis in Natural Sciences at the University of Pavia (Pavia, Italy). Main supervisor: Prof. A. Meriggi.

## **PARTICIPATION IN DOCTORAL EVALUATION COMMITTEES**

**2023:** Member of the evaluation committee for the PhD project of a student from the ECOGESFOR Lab at the Universidad Politécnica de Madrid (Madrid, Spain). Supervisors: Prof. Maria-Cruz Matéo-Sanchez and Prof. Santiago Saura.

## **4. SCIENTIFIC RESEARCH ACTIVITIES**

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### **RESEARCH PROJECTS**

**March 2022 - November 2022:** Scientific project coordinator for DISAT (University of Milano-Bicocca, Milan, Italy). Project: "Modeling the probability of burrow digging by fossorial meso-mammals along river embankments." Research contract funded by the Interregional Agency for the Po River (AIPO) (Parma, Italy). €4,000.00.

**February 2022 - ongoing:** Scientific project coordinator for DISAT (University of Milano-Bicocca, Milan, Italy). Project: "Modeling the probability of burrow digging by fossorial meso-mammals along river embankments." Scientific collaboration agreement between the University of Milano-Bicocca (Milan, Italy) and the Professional Association Studio Geco (Scandiano, RE, Italy).

**November 2020 - ongoing:** Coordinator of monitoring and research activities. Regional representative (Lombardy Region) for the Province of Milan within the framework of the National Wolf Monitoring Project (*Canis lupus*) coordinated by ISPRA. Appointment granted by the Lombardy Region.

**October 2017 - November 2022:** Collaboration in the project "Natural Capital of Monte Brianza." Project partners: University of Milano-Bicocca, Montevecchia and Valle del Curone Park, Monte Barro Park, Valmadrera, Ass. Corimbo, Municipality of Merate - Sartirana Reserve. Project funded by the CARIPLO Foundation. University of Milano-Bicocca budget: €79,935.32.

**October 2017 - December 2028:** Project coordinator and scientific supervisor for DISAT (University of Milano-Bicocca, Milan, Italy). Project: "Study of wolf (*Canis lupus*) colonization in the Ticino Park." Scientific collaboration agreement between the University of Milano-Bicocca (Milan, Italy), University of Pavia (Pavia, Italy), Lombard Park of the Ticino Valley (Pontevecchio di Magenta, Italy), and the Management Body of the Protected Areas of the Ticino and Lake Maggiore (Cameri, Italy).

**March 1, 2013 - March 31, 2014:** Research activity coordinator at ZRC of Mottalciata (Biella, Italy). Responsible for the development and implementation of a study on the abundance, structure, and dynamics of a hare (*Lepus europaeus*) population. Study commissioned by the Zoology Laboratory of the Department of Earth and Environmental Sciences (University of Pavia, Pavia, Italy) and funded by Z.R.C. Mottalciata.

**April 1, 2010 - August 30, 2010:** Research activity coordinator at Lombard Park of the Ticino Valley (Italy). Responsible for the development and implementation of a study on the distribution of the grey squirrel (*Sciurus carolinensis*) in areas outside the Lombard Park of the Ticino Valley. Study commissioned and funded by the Lombard Park of the Ticino Valley Consortium (Pontevecchio di Magenta, Italy). €4,000.00.

## ARTICLES IN INTERNATIONAL PEER-REVIEWED SCIENTIFIC JOURNALS

### *Publications in Scopus-Indexed Journals (corresponding author)\**

**a.42** Labria, F., Orioli, V., Trasforini, S., Puzzi, C., Tirozzi, P., Bani, L., & Dondina, O. (2025). Unlocking the Secrets of Sturgeon Ecology: Lessons From Conservation Efforts in Northern Italy. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 35(2), e70079. DOI: 10.1002/aqc.70079.

**a.41** Dondina, O., Tirozzi, P., Viviano, A., Mori, E., Orioli, V., Tommasi, N., ... & Ancillotto, L. (2025). Spatial and habitat determinants of small-mammal biodiversity in urban green areas: Lessons for nature-based solutions. *Urban Forestry & Urban Greening*, 104, 128641. DOI: 10.1016/j.ufug.2024.128641.

**a.40** De Feudis, C., Torretta, E., Orioli, V., Tirozzi, P., Bani, L., Meriggi, A., & Dondina, O. (2025). Dispersal and settlement dynamics of wolves in a lowland ecological corridor in northern Italy: Effects of resource availability and human disturbance. *Biological Conservation*, 302, 110936. DOI: 10.1016/j.biocon.2024.110936.

**a.39** Viviano, A., Ancillotto, L., Dondina, O., Burchielli, A., Miccolis, D., & Mori, E. (2025). What a camera trap survey can reveal about the behaviour of an invasive species: insights from coypus *Myocastor coypus* in an urban park of central Italy. *Applied Animal Behaviour Science*, 106534. DOI: 10.1016/j.applanim.2025.106534.

**a.38** Resemini, R., Geroldi, C., Capotorti, G., De Toni, A., Parisi, F., De Sanctis, M., ... & Gentili, R. (2025). Building Greener Cities Together: Urban Afforestation Requires Multiple Skills to Address Social, Ecological, and Climate Challenges. *Plants*, 14(3), 404. DOI: 10.3390/plants14030404.

- a.37** Biella, P., Bani, L., Caprio, E., Cochis, F., Dondina, O., Fiorilli, V., ... & Labra, M. (2025). Biodiversity-friendly practices to support urban nature across ecosystem levels in green areas at different scales. *Urban Forestry & Urban Greening*, 128682. DOI: 10.1016/j.ufug.2025.128682.
- a.36** Ruzzier, E., Lee, S., Tirozzi, P., Orioli, V., Di Giulio, A., Dondina, O., & Bani, L. (2025). The role of host plants, land cover and bioclimate in predicting the invasiveness of *Aromia bungii* on a global scale. *Scientific Reports*, 15(1), 2353. DOI: 10.1038/s41598-025-86616-5.
- a.35** Lecis, R., Chirichella, R., Dondina, O., Orioli, V., Azzu, S., Canu, A., ... & Scandura, M. (2024). Same landscape, different connectivity: contrasting patterns of gene flow in two sympatric ungulates in a mountain area. *European Journal of Wildlife Research*, 70(3), 42. DOI: 10.1007/s10344-024-01796-1.
- a.34** Ruzzier, E., Lupi, D., Tirozzi, P., Dondina, O., Orioli, V., Jucker, C., & Bani, L. (2024). A two-step species distribution modeling to disentangle the effect of habitat and bioclimatic covariates on *Psacotha hilaris*, a potentially invasive species. *Biological Invasions*, 26(6), 1861-1881. DOI: 10.1007/s10530-024-03283-9.
- a.33** Dondina, O., Orioli, V., Tirozzi, P., & Bani, L. (2024). Estimating risk to prevent damage: predicting and preventing coypu (*Myocastor coypus*) damage to transport infrastructure. *Pest Management Science*, 80(11), 5564-5573. DOI: 10.1002/ps.8128.
- a.32** Tirozzi, P., Orioli, V., Dondina, O., & Bani, L. (2024). Connection between ecological niche changes and population trends in the Eurasian Skylark (*Alauda arvensis*) breeding in lowland and mountain areas of southern Europe. *Ibis*, 166(4), 1311-1328. DOI: 10.1111/ibi.13322.
- a.31** Torretta E., Corradini A., Pedrotti L., Bani L., Bisi F., **Dondina O.\*** (2023). Hide-and-seek in a highly human-dominated landscape: insights into movement patterns and selection of resting sites of rehabilitated wolves (*Canis lupus*) in Northern Italy. *Animals*. DOI: 10.3390/ani13010046.
- a.30** Tirozzi P., Orioli V., **Dondina O.**, Bani L (2022). New evidence on the linkage of population trends and species traits to long-term niche changes. *Birds* 3: 149-171. DOI: 10.3390/birds3010011.
- a.29** Bani L., Orioli V., Giacchini R., Parenti P., **Dondina O.**, Prokić M., Faggio C., Campli G. (2022). Can antioxidant responses be induced by habitat fragmentation process?. *Oikos* e09292. DOI: 10.1111/oik.09292.
- a.28** Lecis R., **Dondina O.**, Orioli V., Biosia D., Canu A., Fabbri G., Iacolina L., Cossu A., Bani L., Apollonio M., Scandura M. (2022). Main roads and land cover shaped the genetic structure of a Mediterranean island wild boar population. *Ecology and Evolution* 12: e8804. DOI: 10.1002/ece3.8804.
- a.27** **Dondina O.**, Orioli V., Tirozzi P., Bani L. (2022). Long-term dynamic of nestedness in bird assemblages inhabiting fragmented landscapes. *Landscape Ecology* 37: 1543-1558. DOI: 10.1007/s10980-022-01419-7.
- a.26** Tirozzi P., Orioli V., **Dondina O.**, Kataoka L., Bani L. (2022). Population trends from count data: Handling environmental bias, overdispersion and excess of zeroes. *Ecological Informatics* 69: 101629. DOI: 10.1016/j.ecoinf.2022.101629.
- a.25** **Dondina O.\***, Meriggi A., Bani L., Orioli V. (2022). Decoupling residents and dispersers from detection data improve habitat selection modelling: the case study of the wolf in a natural corridor. *Ethology Ecology & Evolution* 1-19. DOI: 10.1080/03949370.2021.1988724.

- a.24** Tirozzi P., Orioli V., **Dondina O.**, Kataoka L., Bani L. (2021). Species Traits Drive Long-Term Population Trends of Common Breeding Birds in Northern Italy. *Animals* 11: 3426. DOI: 10.3390/ani11123426.
- a.23** Orioli V., Caffi A., Marchetto F., **Dondina O.**, Bani L. (2021). Quantitative selection of focal birds and mammals in higher-tier risk assessment: An application to rice cultivations. *Integrated Environmental Assessment and Management* 18: 1020-1034. DOI: 10.1002/ieam.4535.
- a.22** Torretta E., Orioli V., Bani L., Meriggi A., **Dondina O.** (2021). En route to the North: modelling crested porcupine habitat suitability and dispersal flows across a highly anthropized area in northern Italy. *Mammalian Biology* 101: 1067-1077. DOI: 10.1007/s42991-021-00155-w.
- a.21** Ruzzier E., Forbicioni L., Gentili R., Tormen N., **Dondina O.**, Orioli V., Bani L. (2021). From island biogeography to conservation: a multi-taxon and multi-taxonomic rank approach in the Tuscan Archipelago. *Land* 10: 486. DOI: 10.1080/14888386.2020.1837014.
- a.20** Bani L., Orioli V., Trasforini S., Puzzi C.M., Sibilia A., **Dondina O.**, Tirozzi P. (2021). The spread of exotic fish species in Italian rivers and their effect on native fish fauna over since 1990. *Biodiversity* 22: 4-12. DOI: 10.3390/land10050486.
- a.19** Torretta E., **Dondina O.**, Delfoco C., Riboldi L., Orioli V., Lapini L., Meriggi A. (2020). First assessment of habitat suitability and connectivity for the golden jackal in north-eastern Italy. *Mammalian Biology* 100: 631-643. DOI: 10.1007/s42991-020-00069-z.
- a.18** **Dondina O.\***, Orioli V., Torretta E., Merli F., Bani L., Meriggi A. (2020). Combining ensemble models and connectivity analyses to predict wolf expected dispersal routes through a lowland corridor. *PloS one* 15: e0229261. DOI: 10.1371/journal.pone.0229261.
- a.17** **Dondina O.\***, Orioli V., Chiatante G., Bani L. (2020). Practical insights to select focal species and design priority areas for conservation. *Ecological Indicators* 108: 105767. DOI: 10.1016/j.ecolind.2019.105767.
- a.16** De Pasquale D., **Dondina O.**, Scancarello E., Meriggi A. (2019). Long-term viability of a reintroduced population of roe deer *Capreolus capreolus*, in a lowland area of northern Italy. *Folia Zoologica* 68: 9-20. DOI: 10.1002/ece3.4838.
- a.15** **Dondina O.\***, Orioli V., Chiatante G., Meriggi A., Bani L. (2019). Species specialization limits movement ability and shapes ecological networks: the case study of 2 forest mammals. *Current Zoology* 65:237-249. DOI: 10.1093/cz/zoy061.
- a.14** Bani L., Luppi M., Rocchia E., **Dondina O.**, Orioli V. (2019). Winners and losers: How the elevational range of breeding birds on Alps has varied over the past four decades due to climate and habitat changes. *Ecology and evolution* 9: 1289-1305. DOI: 10.1002/ece3.4838.
- a.13** **Dondina O.\***, Saura S., Bani L., Mateo-Sánchez M.C. (2018). Enhancing connectivity in agroecosystems: focus on the best existing corridors or on new pathways? *Landscape ecology* 33: 1741-1756. DOI: 10.1007/s10980-018-0698-9.
- a.12** Rocchia E., Luppi M., **Dondina O.**, Oriol, V., Ban L. (2018). Can the effect of species ecological traits on birds' altitudinal changes differ between geographic areas? *Acta oecologica - International Journal of Ecology* 92: 26-34. DOI: 10.1016/j.actao.2018.08.001.



- a.11** Bani L., Orioli V., Pisa G., **Dondina O.**, Fagiani S., Fabbri E., Randi E., Mortelliti A., Sozio G. (2018). Landscape determinants of genetic differentiation, inbreeding and genetic drift in the hazel dormouse (*Muscardinus avellanarius*). *Conservation Genetics* 19: 283-296. DOI: 10.1007/s10592-017-0999-6.
- a.10** Luppi M., **Dondina O.**, Orioli V., Bani L. (2018). Local and landscape drivers of butterfly richness and abundance in a human-dominated area. *Agriculture Ecosystems & Environment* 254: 138-148. DOI: 10.1016/j.agee.2017.11.020.
- a.9** **Dondina O.\***, Orioli V., Colli L., Luppi M., Bani L. (2018). Ecological network design from occurrence data by simulating species perception of the landscape. *Landscape Ecology* 33: 275-287. DOI: 10.1007/s10980-017-0600-1.
- a.8** Canedoli C., Orioli V., Padoa-Schioppa E., Bani L., **Dondina O.** (2017). Temporal Variation of Ecological Factors Affecting Bird Species Richness in Urban and Peri-Urban Forests in a Changing Environment: A Case Study from Milan (Northern Italy). *Forests* 8: 507. DOI: 10.3390/f8120507.
- a.7** Bani L., Orioli V., Pisa G., Fagiani S., **Dondina O.**, Fabbri E., Randi E., Sozio G., Mortelliti, A. (2017). Population genetic structure and sex-biased dispersal of the hazel dormouse (*Muscardinus avellanarius*) in a continuous and in a fragmented landscape in central Italy. *Conservation Genetics* 18: 261-274. DOI: 10.1007/s10592-016-0898-2.
- a.6** **Dondina O.**, Orioli V., D'Occhio P., Luppi M., Bani L. (2017). How does forest species specialization affect the application of the Island Biogeography Theory in fragmented landscapes? *Journal of Biogeography* 44: 1041-1052. DOI: 10.1111/jbi.12827.
- a.5** Chiatante G., **Dondina O.**, Lucchelli M., Bani L., Alberto M. (2017). Habitat selection of European badger *Meles meles* in a highly fragmented forest landscape in northern Italy: the importance of hedgerows and agro-forestry systems. *Hystrix, Italian Journal of Mammology* 28: 247-252. DOI: 10.4404/hystrix-00005-2017.
- a.4** **Dondina O.\***, Kataoka L., Orioli V., Bani L. (2016). How to manage hedgerows as effective ecological corridors for mammals: a two-species approach. *Agriculture Ecosystems & Environment* 231: 283-290. DOI: 10.1016/j.agee.2016.07.005.
- a.3** Meriggi A., Dagradi V., **Dondina O.**, Perversi M., Milanese P., Lombardini M., Raviglione S., Repossi A. (2015). Short-term responses of wolf feeding habits to changes of wild and domestic ungulate abundance in Northern Italy. *Ethology Ecology & Evolution* 27: 389-411. DOI: 10.1080/03949370.2014.986768.
- a.2** **Dondina O.**, Orioli V., Massimino D., Pinoli, G., Bani L. (2015). A method to evaluate the combined effect of tree species composition and woodland structure on indicator birds. *Ecological Indicators* 55: 44-51. DOI: 10.1016/j.ecolind.2015.03.007.
- a.1** **Dondina O.**, Dagradi V., Milanese P., Perversi M., Meriggi A. (2015). Wolf predation on livestock in an area of Northern Italy and prediction of predation risk. *Ethology Ecology & Evolution* 27: 200-219. DOI: 10.1080/03949370.2014.916352.

## BOOK CHAPTERS IN SCOPUS-INDEXED PEER-REVIEWED PUBLICATIONS

**b.1** Meriggi A., Torretta E., **Dondina O.** (2020). Recent Changes in Wolf Habitat Occupancy and Feeding Habits in Italy: Implications for Conservation and Reducing Conflict with Humans. In: Angelici F., Rossi L. (eds). Problematic Wildlife II. Springer, Cham. DOI: 10.1007/978-3-030-42335-3\_4.

## CONTRIBUTIONS TO TEXTBOOKS

**c.1 Dondina O.** Case study. Capitolo 17: Ecologia del Paesaggio. In: Smith T.M., Smith R.L. (eds) (Pearson). Elementi di Ecologia (Occhipinti e Marchini).

## INTERNATIONAL AND NATIONAL SCIENTIFIC CONFERENCES

### *Organization and Chairing of Symposia at International Conferences*

10th IALE (International Association for Landscape Ecology) World Congress (Milan, Italy, 2019). Organizer of the symposium "*Toward a landscape-scale management of large carnivores in human-dominated areas*" and chair of the session "*Habitat fragmentation*".

### *Speaker for Oral Presentations at International and National Conferences*

Dondina O., Tirozzi P., Viviano A., Bani L., Orioli V., Ancillotto L, Mori L. (2024). Small-mammals community analysis to guide green areas implementation and management in functional urban ecosystems. XIII Italian Congress of Theriology (Isernia, Italy).

Dondina O., Mori E., Orioli V., Bani L., Viviano A., Ancillotto L. (2024). Unlocking urban biodiversity: key variables for effective monitoring and management. International Symposium on Biodiversity and Ecosystem Functions under Global Change (Alghero, Italy).

Dondina O., Torretta E., Bani L., di Francesco M., Meriggi A. (2024). Supporting wolf dispersal flow in heavily-anthropized areas: an example of successful collaboration between scientific research and governance. 7th ECCB (European Congress of Conservation Biology) (Bologna, Italy).

Dondina O., Orioli V., Bani L. (2023). Estimating risk to prevent damage: proposals for management actions to prevent coypu damage to transport infrastructure. XIII EVPMC (European Vertebrate Pest Management Conference) (Florence, Italy).

Dondina O., Orioli V., Bani L. (2023). Conserving the hazel dormouse in fragmented landscapes: the ecological role of hedgerows. IV National Conference of the Italian Association of Theriology (ATIt) - Small Mammal Group (Grosseto, Italy).

Dondina O., Orioli V., Merli F., Bani L., Meriggi A. (2019). Predicting wolf expected dispersal routes through a lowland corridor merging ensemble models calibrated in different geographical areas. Ecological Modeling Global Conference (Salzburg, Austria).

Dondina O. (2019). Large carnivores' conservation in human-dominated areas: a review. Plenary talk at the Symposium "Toward a landscape-scale management of large carnivores in human-dominated areas." 10th IALE (International Association for Landscape Ecology) World Congress (Milan, Italy).

Dondina O., Orioli V., Bani L. (2016). Ecological network identification by means of simulated species landscape perceptions. 101st Ecological Society of America Annual Meeting (Fort Lauderdale, Florida, USA). Altri contributi a convegni nazionali e internazionali

## 5. AWARDS AND SCIENTIFIC QUALIFICATIONS

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**2023:** Martinotti Award – "La metamorfosi della città - In memory of Guido Martinotti", under the theme Urbanization and Sustainability. Winner for the School of Sciences, University of Milano-Bicocca.

**2021 - 2032:** National Scientific Qualification (ASN) for Associate Professor in Ecology (05/C1), Italy.

**2020 - 2031:** National Scientific Qualification (ASN) for Associate Professor in Zoology (05/B1), Italy.

**2020:** Biodiversity Award Daikin, awarded by Daikin Applied Europe S.p.A. and the Department of Biology and Biotechnology "C. Darwin", Sapienza University of Rome.

**2018:** Young Talent Award (Area 05 - Biological Sciences), awarded by the University of Milano-Bicocca, under the patronage of the National Academy of Lincei.

## 6. EDITORIAL BOARD OF SCIENTIFIC JOURNALS

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**2023 - 2025: Editorial Board member** for *Landscape Ecology* (Springer). ISSN: 0921-2973. <https://www.springer.com/journal/10980>.

**2022 - ongoing: Section Editor** for *Hystrix, the Italian Journal of Mammalogy*. ISSN: 0394-1914. <http://www.italian-journal-of-mammalogy.it/>.

**2020 - ongoing: Topical Advisory Panel member** for *Conservation* (MDPI). ISSN: 2673-7159. <https://www.mdpi.com/journal/conservation>.

## 7. MEMBERSHIP IN SCIENTIFIC SOCIETIES

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**2024 - ongoing:** Member of the Society for Conservation Biology (SCB).

**2021 - ongoing:** Member of the Associazione Teriologica Italiana (ATIt).

**2019 - 2020:** Member of the Società Italiana di Ecologia del Paesaggio (SIEP-IALE).

**2019 - 2020:** Member of the Associazione Successione Ecologica.

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*Ai sensi della legge 675/96 autorizzo il trattamento dei miei dati personali per le esigenze di selezione e comunicazione.*

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