

# Curriculum Vitae: Alessio Mortelliti, PhD

## PERSONAL DETAILS

**Name:** Alessio Mortelliti  
**Date of birth:** 4 May 1979  
**Nationality:** Italian  
**Affiliation:** Department of Wildlife, Fisheries, and Conservation Biology; University of Maine, 5755 Nutting Hall, Room 228; Orono, ME (USA).  
Zipcode: 04469  
**Telephone:** Office: 207-581-2915  
**e-mail address:** [alessio.mortelliti@maine.edu](mailto:alessio.mortelliti@maine.edu)  
**Website:** <https://alessiomortelliti.weebly.com>

## CURRENT OCCUPATION

2015- Assistant Professor in Wildlife Habitat Conservation (tenure track), University of Maine, USA.

## EDUCATIONAL BACKGROUND AND RECENT FELLOWSHIPS

2013-2015 Research Fellow (research group of Prof. David Lindenmayer) at the Australian National University, Canberra, Australia.  
2010-2012 Postdoctoral Research Fellow at the University of Rome "La Sapienza".  
2008-2010 Postdoctoral Research Fellow at the CNR (National Research Council of Italy).  
2004-2008 PhD in Animal Biology. Thesis: 'Effects of habitat loss and fragmentation on Carnivores, Insectivores and Rodents'. Supervisor: Prof. Luigi Boitani, 'La Sapienza' University of Rome, Italy.  
1999-2003 Honours Degree in Natural Sciences. Thesis: 'Effects of anthropogenic disturbance on small mammal microhabitat use in the Kakamega Forest, Kenya'; level achieved: 110 /110 cum laude. Supervisor: Prof. Luigi Boitani, 'La Sapienza' University of Rome, Italy.

## JOURNAL PUBLICATIONS (PEER-REVIEWED)

I have published 56 papers on journals with Impact Factor (May 2016). Total citations >600, H-index: 12. \* Five papers marked with an asterisk feature in the top 10% papers cited in 'Ecology & Environment' for the year of publication (source: ISI Essential Science Indicators ©).

### Selected publications on international journals with Impact Factor

- 56 Mortelliti A., Ikin K., Tulloch A., Cunningham R., Stein J., Lindenmayer D.B. 2016. Surviving with a resident despot: do revegetated patches act as refuges from the effects of the noisy miner (*Manorina melanocepala*) in a highly fragmented landscape? *Diversity and Distributions* 22, 770–782.
- 55 Mortelliti A., Crane M., Okada S., Lindenmayer D.B. 2015 Marsupial response to matrix conversion: results of a large-scale long-term 'natural experiment' in Australia. *Biological Conservation* 191: 60-66.
- 54 Mortelliti A., Lindenmayer D.B. 2015. Effects of landscape transformation on bird colonization and extinction patterns in a large-scale, long-term natural experiment. *Conservation Biology* 29: 1314-1326. [featured as editor's choice in *Science* 348: 769]

- 53 Mortelliti A., Westgate M., Lindenmayer D.B. 2014. Experimental evaluation shows limited influence of pine plantations on the connectivity of highly fragmented bird populations. *Journal of Applied Ecology* 51: 1179–1187.
- 52 Mortelliti A., Amori G., Capizzi D., Cervone C., Fagiani S., Pollini B., Boitani L. 2011. Independent effects of habitat loss, habitat fragmentation and structural connectivity on the distribution of two arboreal rodents. *Journal of Applied Ecology* 48: 163-172.
- 51 Mortelliti A., Fagiani S., Battisti C., Capizzi D., Boitani L. 2010. Independent effects of habitat loss, habitat fragmentation and structural connectivity on forest-dependent birds. *Diversity and Distributions* 16: 941-951.
- 50 Mortelliti A., Amori G., Boitani L. 2010. The role of habitat quality in fragmented landscapes: a conceptual overview and prospectus for future research. *Oecologia* 163: 535-547.
- 49 Mortelliti A., Amori G., Capizzi D., Rondinini C., Boitani L. 2010. Experimental design and taxonomic scope of fragmentation studies of European mammals: current status and future priorities. *Mammal Review* 40: 125-154.
- 48 Mortelliti A., Boitani L. 2008. Interaction of food resources and landscape structure in determining the probability of patch use by carnivores in fragmented landscapes. *Landscape Ecology* 23: 285-298.

#### **Additional publications on journals with impact factor**

#### **Other conservation biology publications**

- 47 Kay GM., Mortelliti A., Tulloch A., Barton P., Wood J., Lindenmayer D. 2016. Effects of past and present livestock grazing on herpetofauna in a landscape-scale experiment. *Conservation Biology* (in press)
- 46 Tulloch, A., Mortelliti A., Kay, G.F., Laurance D., Lindenmayer D.B. 2016. Using empirical models of species colonization under multiple threatening processes to identify complementary threat mitigation strategies. *Conservation Biology* 30: 867–882.
- 45 Pierson J.C, Mortelliti A., Barton P.S., Lane P.W., Lindenmayer D.B.L. 2015. Evaluating the effectiveness of overstory cover as a surrogate for bird community diversity and population trends. *Ecological Indicators* 61:790-798.
- 44 Sozio G., Mortelliti A. 2015. Empirical evaluation of the strength of interspecific competition in shaping small mammal communities in fragmented landscapes. *Landscape Ecology* 31:775–789.
- 43 Stirnemann I., Mortelliti A., Gibbons P., Lindenmayer DB. 2015. Fine-Scale Habitat Heterogeneity Influences Occupancy in Terrestrial Mammals in a Temperate Region of Australia. *Plos One* E 10(9): e0138681.doi:10.1371/journal.pone.0138681
- 42 Barton P.S., Lentini P.E., Alacs E., Bau S., Buckley Y.M., Burns E.L., Driscoll D. a., Guja L.K., Kujala H., Lahoz-Monfort J.J., Mortelliti A., Nathan R., Rowe R., & Smith A.L. (2015) Guidelines for Using Movement Science to Inform Biodiversity Policy. *Environmental Management* 56: 791-801.
- 41 Ikin, K. Mortelliti A., et al. How do interacting abiotic conditions and agricultural land management practices affect temperate woodland habitat structures? *Landscape Ecology* 30, 1387–1403.
- 40 Mortelliti A., Michael D., Lindenmayer D.B. 2015. Contrasting effects of pine plantations on two skinks: results from a large scale 'natural experiment' in Australia. *Animal Conservation* 18:433-441.
- 39 Lindenmayer D.B., Blanchard W., Tennant P., Barton P., Ikin K., Mortelliti A., Crane M, Okada S. Major landscape transformation produces contrasting responses in species richness, assemblage composition and functional diversity. *Diversity and Distributions* 21, 836-847.
- 38 Mortelliti A., Westgate M, Stein J., Lindenmayer D.B. Ecological and spatial drivers of population synchrony in bird assemblages. *Basic and Applied Ecology*.16 (3), 269-278.

- 37 Mortelliti A., Sozio G., Driscoll D.A, Bani L., Boitani L., Lindenmayer D.B. 2014. Population and individual-scale responses to patch size, isolation and quality in the hazel dormouse. *Ecosphere* 5(9): art107. <http://dx.doi.org/10.1890/ES14-00115.1>
- 36 Capizzi D., Bertolino S., Mortelliti A. 2014. Rating the rat: global patterns and research priorities in impacts and management of rodent pests. *Mammal Review* 44: 148–162.
- 35 Sozio G., Mortelliti A., Boitani L. 2013. Mice on the move: wheat rows as a means to increase permeability in agricultural landscapes. *Biological Conservation* 165: 198-202.
- 34 Sozio G., Mortelliti A., Boccacci F., Ranchelli E., Battisti C, Boitani L. 2013. Conservation of species occupying ephemeral and patchy habitats in agricultural landscapes: the case of the Eurasian reed warbler. *Landscape and Urban Planning* 119: 9-19.
- 33 Mortelliti A. 2013. Targeting habitat management in fragmented landscapes: a case study with forest vertebrates. *Biodiversity and Conservation* 22:187-207.
- 32 Bartolommei P., Mortelliti A., Puglisi L., Pezzo F. 2013. Distribution of nocturnal birds (Strigiformes and Caprimulgidae) in relation to land use types, extent and configuration in agricultural landscapes of Central Italy. *Rendiconti Lincei* 24: 13-21.
- 31 Mortelliti A., Santarelli L., Sozio G., Fagiani S., Boitani L. 2013. Long distance field crossings by hazel dormice (*Muscardinus avellanarius*) in fragmented landscapes. *Mammalian Biology* 78: 309-312.
- 30 Mortelliti A., Boccacci F., Ranchelli E., Sozio G., Battisti C., Cecere J., Boitani L. 2012. Effect of habitat amount, configuration and quality in fragmented landscapes. *Acta Oecologica* 45:1-7.
- 29 Mortelliti A., Boitani L. 2009. Distribution and coexistence of shrews in patchy landscapes: a field test of multiple hypotheses. *Acta Oecologica* 35: 797-804.
- 28 Mortelliti A., Amori G., Annesi F., Boitani L. 2009. Testing for the relative contribution of patch neighborhood, patch internal structure, and presence of predators and competitor species in determining distribution patterns of rodents in a fragmented landscape. *Canadian Journal of Zoology* 87: 662-670.
- 27 Mortelliti A., Santulli Sanzo G., Boitani L. 2009. Species surrogacy for conservation planning: caveats from comparing the response of three arboreal rodents to habitat loss and fragmentation. *Biodiversity and Conservation* 18: 1131-1145.
- 26 Mortelliti A., Boitani L. 2007. Patterns of interspecific and intraspecific microhabitat segregation of two rodents *Praomys jacksoni* (De Winton, 1897) and *Hylomyscus stella* (Thomas 1911) (Rodentia) in an African rainforest subjected to various levels of anthropogenic disturbance. *Tropical Zoology* 20(2):163-186.
- 25 Mortelliti A., Amori G., Sammuri G., Boitani L. 2007. Factors affecting the distribution of *Sorex samniticus*, and endemic Italian shrew, in an heterogeneous landscape. *Acta Theriologica* 52 (1): 75-84.
- 24 Mortelliti A., Boitani L. 2006. Patterns of rodent species abundance and diversity in a Kenyan relict tropical rainforest. *Biodiversity and Conservation* 15: 1425-1440.

#### **Methodological publications**

- 23 Di Marco M., Santini L., Visconti P., Mortelliti A., Boitani L., Rondinini C. 2016. Using habitat suitability models to scale up population persistence targets. *Hystrix* 27 in press.
- 22 Bartolommei P., Sozio G., Bencini C., Cinque C., Cozzolino R., Gasperini S., Manzo E., Prete S., Solano E., Mortelliti A. 2016. Field identification of *Apodemus flavicollis* and *Apodemus sylvaticus*: development of an empirical model for practical purposes. *Mammalia* 80: 541-547.

- 21 Fagiani S., Fipaldini D., Santarelli L., Burrascano S., Del Vico E., Giarrizzo E., Mei M., Vigna Taglianti A., Boitani L., Mortelliti A. 2014. Monitoring protocols for the evaluation of the impact of wild boar (*Sus scrofa*) rooting on plants and animals in forest ecosystems. **Hystrix** 25: 31-38
- 20 Cagnacci F., Cardini A., Ciucci P., Ferrari N., Mortelliti A., Preatoni D., Russo D., Scandura M., Wauters L., Amori, G. 2013. Less is more: researcher survival guide in times of economic crisis. **Hystrix** 23: 1-7.
- 19 Amori G., Mortelliti A., Guidarelli G., Schiavano A., Luiselli L. 2012. Detectability of the European red squirrel (*Sciurus vulgaris*) in a Mediterranean area. **Rendiconti lincei** 23: 203-206.
- 18 Mortelliti A., Amori G., Cervone C., Boitani L. 2010. The effect of non-target species in presence-absence distribution surveys: a case study with hair-tubes. **Italian Journal of Zoology**. 77:211-215.
- 17 Mortelliti A., Boitani L. 2008. Evaluation of scent-stations surveys to monitor the distribution of three European carnivore species (*Martes foina*, *Meles meles*, *Vulpes vulpes*) in a fragmented landscape. **Mammalian Biology** 73: 287-292.
- 16 Mortelliti A., Boitani L. 2008. Inferring red squirrel (*Sciurus vulgaris*) absence with hair tubes surveys: a sampling protocol. **European Journal of Wildlife Research** 54: 353-356.
- 15 Mortelliti A., Boitani L. 2007. Estimating species' absence, colonization and local extinction in patchy landscapes: an application of occupancy models with rodents. **Journal of Zoology** 273: 244-248.

#### **Taxonomy and natural history publications**

- 14 Mouton A., Mortelliti A. et al. Evolutionary history and species delimitations: the hazel dormouse, *Muscardinus avellanarius* as a case of study. **Conservation genetics** (accepted pending minor revisions).
- 13 Pages M., Fabre P., Chaval Y., Mortelliti A., Nicolas V., Wells K., Michaux J.R., Lazzari V. 2015. Molecular phylogeny of Southeast Asian arboreal murine rodents. **Zoological scripta** (*in press*).
- 12 J. Morger, L. Råberg, S. M. Hille, S. Helsen, J. Štefka, M. M. Al-Sabi, C. M. O. Kapel, T. Mappes, S. Essbauer, R. G. Ulrich, P. Bartolommei, A. Mortelliti, L. Balčiauskas, N. W. van den Brink, . Rémy, A. Bajer, M. Cheprakov, M. Korva, A. L. García-Pérez, R. Biek, S. Withenshaw, B. Tschirren (2015) Distinct haplotype structure at the innate immune receptor Toll-like receptor 2 across bank vole populations and lineages in Europe. **Biological Journal of the Linnean Society**, 116:124-133.
- 11 Burrascano S., Del Vico E. , Fagiani S., Giarrizzo E. , Mei M. , Mortelliti A. , Sabatini F.M. , Blasi C. 2015. Effects of wild boar (*Sus scrofa*) rooting activity on understorey composition and functional traits. **Community Ecology** 16, 244-253.
- 10 Sozio G., Iannarilli F., Melcore I., Boschetti M., Fipaldini D., Luciani M., Roviani D., Schiavano D., Mortelliti A. 2016. Forest management affects individual and population parameters of the hazel dormouse (*Muscardinus avellanarius*). **Mammalian Biology** 81: 96–103
- 9 Burrascano S., Giarrizzo E., Bonacquisti S., Copiz R., Del Vico E., Fagiani S., Mortelliti A., Blasi C. 2015. Quantifying *Sus scrofa* rooting effects on the understorey of the deciduous broadleaf forests in Castelporziano Estate (Italy). **Rendiconti Lincei** 26: 317-324.
- 8 Ancillotto L., Sozio G., Mortelliti A. 2015. Acorns were good until tannins were found: factors affecting seed-selection in the hazel dormouse (*Muscardinus avellanarius*). **Mammalian Biology** 80:135-140. <http://dx.doi.org/10.1016/j.mambio.2014.05.004>.
- 7 Ancillotto L., Sozio G., Mortelliti A., Russo D. 2014. Ultrasonic communication in Gliridae (Rodentia): the hazel dormouse (*Muscardinus avellanarius*) as a case-study. **Bioacustics** 23: 129-141.
- 6 Battisti C, Amori G, Angelici F, Capizzi D, De Felici S, Mortelliti A., Schiavano A , Verucci P, Zapparoli M. 2013. Evidence of a local range expansion in a fragmentation-sensitive species: the case of the red squirrel in central Italy. **Vie et Milieu** 63: 59-65.

- 5 Bartolommei P., Bonesi L., Gui I., Monaco A. Mortelliti A. 2013. First report on the distribution of the American mink *Neovison vison* (Mammalia: Mustelidae) in central Italy. ***Italian Journal of Zoology*** 80: 455-461.
- 4 Ancillotto L, Sozio G., Mortelliti A. 2013. Multiple broods from a single mating in the hazel dormouse (*Muscardinus avellanarius*). ***Mammalia*** 77: 455-456.
- 3 Mortelliti A., Castiglia R., Amori G., Maryanto I., Musser G.G. 2012. A New Species of *Margaretamys* (Rodentia: Muridae: Murinae: Rattini) from Pegunungan Mekongga, Southeastern Sulawesi, Indonesia. ***Tropical Zoology*** 25, 1–34.
- 2 Mouton A., Krystufek B, Sarà M., Randi E., Amori G., Juskaitis R., Grill A., Aloise G., Mortelliti A., Panchetti F., Michaux J. 2012. Mitochondrial DNA reveals a complex phylogeographic structure of the common dormouse, *Muscardinus avellanarius* (Rodentia: Gliridae), in Europe. ***Biological Journal of the Linnean Society*** 105: 648-664.
- 1 Hille, S.M., Mortelliti, A. 2010. Microhabitat partitioning of *Apodemus flavicollis* and *Myodes glareolus* in sub-montane Alps, a preliminary assessment. ***Hystrix*** 21:157-163.

### **BOOKS and BOOK CHAPTERS**

1. Mortelliti A. 2013 La perdita e frammentazione degli habitat [Habitat loss and fragmentation; in Italian]. In: Primack R.B. Boitani L. 2013. *Biologia della Conservazione* [Conservation Biology; in Italian]; Zanichelli.
2. **Boitani L. Ciucci P. Mortelliti A. 2012. Designing carnivore surveys. In: Boitani L. & Powell R.A. 2012. *Carnivore Ecology and Conservation. A Handbook of techniques. Oxford University Press.***
3. Capizzi D., Mortelliti A., Amori G., Colangelo P., Rondinini C., 2012 - *I mammiferi del Lazio. Distribuzione, ecologia e conservazione*. [Mammals of the Lazio Region. Distribution, Ecology and Conservation; in Italian]; Edizioni ARP, Roma.
4. Mortelliti A., Santulli Sanzo G., Boitani L. 2009. Species surrogacy for conservation planning: caveats from comparing the response of three arboreal rodents to habitat loss and fragmentation. In: Hawksworth, D.L., (eds) *Methods and practice in biodiversity conservation*, Springer, The Netherlands. Reprinted from *Biodiversity and Conservation* 18.
5. Mortelliti A., Boitani L. 2006. Patterns of rodent species abundance and diversity in a Kenyan relict tropical rainforest. In: Hawksworth D.L., Bull A.T.(eds) *Forest Diversity and Management*, Springer, The Netherlands. Reprinted from *Biodiversity and Conservation* 15.
6. Mortelliti A. 2009. Mammiferi e Frammentazione Ambientale. In: Amori G., Battisti C., De Felici S. 2009. *I Mammiferi della Provincia di Roma. Dallo stato delle conoscenze alla gestione e conservazione delle specie*. Provincia di Roma, Assessorato alle Politiche dell'Agricoltura, Stilgrafica, Roma. [Mammals and habitat fragmentation. In: Amori G., Battisti C., De Felici S. *Mammals of the Province of Rome: conservation and management*. Province of Rome; in Italian].
7. Mortelliti A. Ruolo e significato delle false presenze e false assenze nello studio dei mammiferi. In: Amori G., Battisti C., De Felici S. 2009. *I Mammiferi della Provincia di Roma. Dallo stato delle conoscenze alla gestione e conservazione delle specie*. Provincia di Roma, Assessorato alle Politiche dell'Agricoltura, Stilgrafica, Roma. [Mammals and habitat fragmentation. In: Amori G., Battisti C., De Felici S. – *Mammals of the Province of Rome: conservation and management*. Province of Rome - in Italian].

### **EDITORIAL ACTIVITIES**

2014- present **Associate editor** - *PloS One* .

2012- present **Associate editor** - *Hystrix Italian Journal of Mammalogy*.

2008- present **Referee** for the following journals: *Acta oecologica, Acta Theriologica, Animal Biology, Animal Conservation, Biodiversity and Conservation, Conservation Biology, Diversity and Distributions,*

*Ecography, Environmental monitoring and assessment, European Journal of Wildlife Research, Ethology, Ethology, Ecology and Evolution, Hystrix, Italian Journal of Zoology, Journal of Theoretical Biology, Journal of Zoology, Journal of Wildlife management, Landscape Ecology, Mammal Review, Mammalian Biology, Mammalia, Nature Climate Change, Plos One, Rendiconti Lincei, Revista de Biología Tropical/ International Journal of Tropical Biology and Conservation, Oryx, Turkish Journal of Zoology, Wildlife Biology, Wildlife Biology in Practice, Wildlife Research.*

## **SUMMARY OF GRANTS RECEIVED**

I have been the recipient of a number of national and international grants, totaling in excess of 700,000 US\$.

- 2013 Australian National University Fellowship (AUD 262052).
- 2010-2012 Grant for the supervision of project on the effects of food resources on source-sink dynamics in small mammals (€18000); Ethoikos Foundation, Italy.
- 2012 Funding for conducting workshop on wildlife monitoring in North Africa and in the Middle East (\$15000); FAO (Food and Agriculture Organisation).
- 2011-2013 Grant for two Phd students (approximately €90000); University of Milano Bicocca and University of Rome 'La Sapienza', Italy.
- 2012 World Wildlife Fund 'Biodiversamente' grant (€12000); Italy.
- 2012 Monitoring plan for the Hazel dormouse (*Muscardinus avellanarius*) in the Lamone Regional Park (€ 5000); Italy.
- 2010-2012 Effects of Wild Boar (*Sus scrofa*) on biodiversity (€40000); Regional Park Agency and Circeo National Park, Italy.
- 2010 Mohammed bin Zayed Fund grant 0925478 (\$20000); United Arab Emirates.
- 2009-2012 Postdoctoral fellowship (€60000), University of Rome 'La Sapienza'.
- 2009 Pauli Institute Grant; Vienna, Austria.
- 2008 Grant for the project: "Distribution of the mink *Neovison vison* in the Lazio Region" (€10000); Institute of Applied Ecology, Italy.
- 2007-2009 Grant for the realization of the Atlas of mammals in the Lazio region (€40000); Regional Park Agency, Italy.
- 2006 Grant for project on impact of land use change on small mammals, grant number Nr. 337/364 and 1642/1801 (€7000); Siena, Italy.
- 2004-2007 Italian Ministry of Education, Scientific Research and Technology (€ 40,000), PhD Fellowship.
- 2002 Grant for thesis in Kenya (€1200); University of Rome 'La Sapienza', Italy.
- 2010 Winner of Juan de la Cierva Grant (awarded by Ministerio de Ciencia e Innovacion, Spain; approximately €90000; not used for personal reasons).
- 2010 Winner of Yggdrasil Grant (awarded by the Research Council of Norway; not used for personal reasons).

## **INVITATIONS AND AWARDS**

- 2014 Invited seminar 'Mice on the move..... and other stories' at Macquarie University, Sydney.
- 2014 Winner of the NERP-EDG prize (AUD 6000) for science communication, Australia. Link to video: <http://www.youtube.com/watch?v=lkZIDdm085g>
- 2012 Winner of the 'Brusarosco Prize' awarded by the Italian Society for Ecology (€6000).
- 2012 Guest lecturer PIT International Summer School; Parco Naturale Alpi Marittime, Italy.
- 2012 Guest lecturer. Boku International Wildlife Lectures, University of Vienna, Austria.

- 2012 Invited seminar on 'Adaptive management of the hazel dormice *Muscardinus avellanarius*'. Viterbo, Italy.
- 2011 Invited seminar on "The impact of habitat loss and fragmentation on biodiversity"; University of Pisa, Italy.
- 2011 Keynote invited speaker. German Congress of Mammalogy 8-11 September 2011; Luxembourg.**
- 2008 Winner of the prize 'A diamond for research, Landscape Ecology'. University of Viterbo, Italy.

## **MEDIA HIGHLIGHTS AND SCIENCE COMMUNICATION:**

- 2014 I released on YouTube an experimental motion picture of my work on the impact of pine plantations on biodiversity: <https://www.youtube.com/watch?v=IkZIDdm085g> The video was awarded the Australian Research Council Centre of Excellence for Environmental Decisions prize for video communication (<http://tinyurl.com/k24ta7a>). This work was also featured in Ecos (CSIRO-magazine) <http://www.ecomagazine.com/print/EC14203.html> and Decision Point <http://tinyurl.com/pe2szzx>
- 2014 My work in *Biological Conservation* (165: 198-202) was highlighted by the UK magazine 'British countrylife':  
<http://www.countrylife.co.uk/news/article/531401/Mice-with-mental-road-maps.html>
- 2012 The discovery of a new mammal species (Mortelliti *et al.* Tropical Zoology 25, 1–34) was highlighted by more than 100 national and international journals and websites including:  
- 2 page article on 'Il Venerdì' della Repubblica (supplement in national Italian newspaper)  
- 'La Repubblica' main website:  
[http://www.repubblica.it/scienze/2012/06/08/news/scoperto\\_nuovo\\_roditore-36793783/](http://www.repubblica.it/scienze/2012/06/08/news/scoperto_nuovo_roditore-36793783/)  
- 'Le Scienze, (Italian Version of Scientific American):  
[http://www.lescienze.it/news/2012/06/08/foto/scoperto\\_nuovo\\_mammifero\\_in\\_indonesia-1078627/1/](http://www.lescienze.it/news/2012/06/08/foto/scoperto_nuovo_mammifero_in_indonesia-1078627/1/)  
- National Geographic, Hungary:  
[http://www.ng.hu/Termesztet/2012/10/uj\\_emlosfaj\\_indoneziaban](http://www.ng.hu/Termesztet/2012/10/uj_emlosfaj_indoneziaban)  
- The Jakarta Globe, Indonesia:  
<http://www.thejakartaglobe.com/archive/sulawesi-biodiversity-haven-yields-up-new-species/>
- 2011 My work on connectivity and arboreal mammals (Journal of Applied Ecology 48: 163-172) was highlighted by the UK based People's Trust for Endangered Species magazine "Dormouse monitor"  
[http://www.ptes.org/files/1400\\_2011\\_spring\\_dormouse\\_monitor.pdf](http://www.ptes.org/files/1400_2011_spring_dormouse_monitor.pdf)

## **RESEARCH AND WORK EXPERIENCE**

- 2015- Assistant Professor in Wildlife Habitat Conservation (tenure track), University of Maine, USA.
- 2013-2015 Research Fellow at the Australian National University, Canberra, Australia.
- 2012 **Consultant for UN Food and Agriculture Organisation. Seminars on wildlife monitoring in Tunisia and Mauritania.**
- 2011-2012 Postdoctoral Research Fellow at the University of Rome "La Sapienza", (50% research, 50% management plans), Italy.
- 2010 – 2011 **Field expedition in South-East Sulawesi, Indonesia. Funded by the Mohammed Bin Zayed Fund.**

- 2010 Postdoctoral Research Fellow at the University of Rome “La Sapienza” (50% research, 50% management plans).
- 2010 -2011 Principal Investigator; project: ‘Impact of the wildboar (*Sus scrofa*) on biodiversity’ funded by Parco Nazionale del Circeo and ARP (Agenzia Regionale dei Parchi), Italy.
- 2010-2013 Project responsible: “Monitoring plan for the hazel dormouse *Muscardinus avellanarius*” funded by the “Riserva Naturale Regionale Selva del Lamone, Italy.
- 2007-2009 Postdoctoral Research Fellow at the CNR (National Research Council of Italy. Project: ‘Distribution and probability of presence of mammals in the Lazio region’.
- 2009 Visiting Researcher at the Institute of wildlife Biology and game management - University of Natural Resources and Applied Life Sciences; Vienna, Austria.
- 2008 – 2009 Principal Investigator; project: Supervision of the project ‘Distribution and species- habitat associations of shrews (Soricomorpha) in the Marturanum nature reserve’; Funded by Marturanum Nature Reserve, Italy.
- 2009 Data analysis on the distribution of birds of prey in the Province of Siena (Cot-Centro Ornitologico Toscano), Italy.
- 2008 **Field research for an Action plan for the Acacus Messak region, Libya.**
- 2008 - 2009 Principal Investigator for the Institute of Applied Ecology; project: ‘Distribution of the mink *Neovison vison* in the Lazio Region’, Italy.
- 2005 - 2007 Principal Investigator; project: ‘Effects of habitat loss and fragmentation on Carnivores, Insectivores and Rodents in the Province of Siena’. Grant number: D.D. 337/364 of 30/3/2005 (Provincia di Siena, Ufficio Risorse Faunistiche e Riserve Naturali), Italy.
- 2006 Principal Investigator; project: ‘Distribution of Insectivores in the Province of Siena’. Grant number: D.D.1642/1801 del 27/12/2005 (Provincia di Siena, Ufficio Risorse Faunistiche e Riserve Naturali), Italy.
- 2006 Field technician; Project ‘Survey on small mammals of the Golf Club Località “Le Piane”, Monte Argentario, Grosseto; Italy.
- 2002-2003 **November-May field research in the Kakamega Forest, Kenya, for data gathering on the thesis project “The effect of anthropogenic disturbance on small mammal microhabitat use in the Kakamega Forest, Kenya”.**

## **CONFERENCES**

Participated with oral presentations at more than 10 international and national conferences including: 7<sup>th</sup> IALE congress (Wageningen), European congress of Conservation Biology (Eger, Hungary and Prague, Czech Republic); European Mammalogical Congress (Siena, Italy); International SCB congress (Edmonton, Canada), EcoTas13 5th Joint Conference of New Zealand Ecological Society and Ecological Society of Australia (Auckland).

## **TEACHING EXPERIENCE**

- 2008-present **Supervised 22 Masters students and 2 PhD students.**
- 2012 Wildlife monitoring (Tunisia and Mauritania) – UN FAO course. 40 hours.
- 2012 Guest lecturer (Boku International Wildlife Lectures) University of Vienna - Boku. Course on wildlife monitoring and management in fragmented landscapes (24 hours, 3 ECT credits), Austria.



- 2009 -2011      Yearly series of seminars for undergraduates (including field workshops) on ‘Surveying and monitoring mammals’. ‘La Sapienza’ University of Rome, Italy.
- 2011              Seminar on optimal surveying and monitoring of mammals. Sofia, Bulgaria.
- 2008- 2010      Series of seminars on habitat loss and fragmentation; occupancy modeling and faunistic inventories”. Masters course in Conservation of Animal Biodiversity, ‘La Sapienza’ University of Rome, Italy.
- 2007-2008      Training courses (including field workshops) for park wardens and naturalists working in Regional Parks. Topics covered: surveying and monitoring of mammals.
- 2007              Seminars for undergraduates on ‘Inventorying and monitoring mammals’. University of Siena, Italy.

## **TECHNICAL REPORTS**

- 1)      AAVV. (2013) Management plans for the following protected areas (CFS): Belagaio, Agoraie di Sopra e Moggetto, Italy. University of Rome ‘La Sapienza’. [In Italian]
- 2)      AAVV. (2012) Management plans for the following protected areas (CFS): Grotticelle, Velino, Orrido di Botri, Vallone delle Ferriere, Metaponto. University of Rome ‘La Sapienza’, Italy. [In Italian]
- 3)      Mortelliti A. et al. 2012. Monitoring protocols for the hazel dormice (*Muscardinus avellanarius*) in the Lamone Regional reserve. University of Rome ‘La Sapienza’, Italy. [In Italian]
- 4)      Mortelliti A. et al. 2012. Monitoring protocols on target vertebrate species, Italy. University of Rome ‘La Sapienza’, Italy. [In Italian]
- 5)      Fagiani S., Mortelliti et al. 2011. Effects of wild boar on biodiversity: monitoring protocols. University of Rome ‘La Sapienza’, Italy. [In Italian]
- 6)      AAVV. (2008) Action Plan for the Establishment of a National Park of the Acacus and Messak, Libya.
- 7)      Mortelliti A. et al. 2008. Distribution of the Mink (*Neovison vison*) and feasibility for the eradication in the Lazio region. [In Italian].
- 8)      Mortelliti A. Distribution of shrews in the Province of Siena. [In Italian]
- 9)      Mortelliti A. Effects of habitat fragmentation on mammals in the Province of Siena. [In Italian]

## **LANGUAGES**

**Italian:** mother tongue

**English:** spoken (excellent); written (excellent)

**French:** spoken (fluent); written (intermediate)