

# **Curriculum Vitae: ALESSIO MORTELLITI, PhD**

## **PERSONAL DETAILS**

**Name:** Alessio MORTELLITI  
**Affiliation:** Department of Life Sciences, University of Trieste, Edificio M, Via Licio Giorgieri  
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## **CURRENT POSITION**

2022- Associate Professor in Ecology, University of Trieste

## **EDUCATION**

2017 -present Habilitation as Full Professor (Zoology, sector 05-B1 and Ecology sector 05-C1),  
Ministry of University and Research, Italy.  
2004-2008 PhD in Animal Biology. Thesis: *'Effects of habitat loss and fragmentation on Carnivores,  
Insectivores and Rodents'*. Supervisor: Prof. Luigi Boitani, University of Rome 'La  
Sapienza', Italy.  
1999-2003 Undergraduate 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, University of Rome 'La Sapienza', Italy.

## **ACADEMIC EMPLOYMENT**

2020-2022 Associate Professor in Wildlife Habitat Conservation, University of Maine, USA.  
2015-2020 Assistant Professor in Wildlife Habitat Conservation (tenure track), University of  
Maine, USA.  
2013-2015 Research Fellow (research group of Prof. David Lindenmayer), Australian National  
University, Canberra, Australia.  
2010-2012 Postdoctoral Research Fellow, University of Rome 'La Sapienza', Italy.  
2008-2010 Postdoctoral Research Fellow, CNR (National Research Council), Italy.

## **SELECTED PUBLICATIONS** (see full list below)

To date (August 2023) I have **90 papers published** on international journals with impact factor. Total citations >2600, H-index: 28. Twelve papers feature in the top 10% papers cited in 'Ecology & Environment' for the year of publication (source: ISI Essential Science Indicators ©).

- Mortelliti A.** 2023. The importance of animal behavior for ecosystem services. *Trends in Ecology and Evolution*, 38(4), 320-323 doi.org/10.1016/j.tree.2022.10.009.
- Brehm A., **Mortelliti A.** 2022. Small mammal personalities generate context-dependence in the seed dispersal mutualism. *PNAS*, 119 (15), e2113870119.
- Hunter M., Boone S., Brehm, A.M. **Mortelliti A.** 2021. Modulation of ecosystem services by animal personalities. *Frontiers in Ecology and the Environment* 20 (1), 58-63.
- Mortelliti A.**, Brehm A.M. 2021. Environmental heterogeneity and population density affect the functional diversity of personality traits in small mammal populations. *Proceedings of the Royal Society B* 287: 20201713. <https://doi.org/10.1098/rspb.2020.1713>
- Brehm A.M., **Mortelliti A.**, 2021 Land-use change alters associations between personality and microhabitat selection. *Ecological Applications* 31: e02443. Doi: 10.1002/eap.2443
- Brehm A., **Mortelliti A.\***, Maynard G., Zydlewski J. 2019. Land-use change and the ecological consequences of personality in small mammals. *Ecology Letters*, 22: 1387–1395 \* *joint first authorship*
- 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.
- 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]
- 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.

## Publications (full list – by year)

### 2019-2023

- 99 Humphreys B.R, Mortelliti A. 2024, Pilfering personalities: effects of small mammal personality on cache pilferage. *Journal of Animal Ecology*, *in press*
- 98 Twining J., Sutherland C, (...), Mortelliti A., (...), Powell R. 2024. Sociality in unexpected places: Using global remote camera data of a “solitary” species complex to evaluate the drivers of group formation. *PNAS*, **121 (12): e2312252121**
- 97 Agus Sudibyo Jati, Bayu Wisnu Broto, Gabriela Franzoi Dri Kurnia Latifiana, Shawn Fraver c , Ikeu Sri Rejeki, Bustang, Alessio Mortelliti. 2024. Conserving large mammals on small islands: a case study on one of the world’s most understudied pigs, the Togean Islands babirusa. *Biodiversity and Conservation*, 33:1207–1223
- 96 Brehm, Allison; Mortelliti, Alessio 2024. Environmental heterogeneity modifies the link between personality and survival in fluctuating small mammal populations. *Journal of Animal Ecology*, 93:196–207.
- 95 Matthew A. Mensinger; James P. Hawkes; Graham S. Goulette; Alessio Mortelliti; Erik J. Blomberg; Joseph D. Zydlewski. 2023. Dams facilitate predation during Atlantic salmon (*Salmo salar*) smolt migration. *Canadian Journal of Fisheries and Aquatic Sciences*, 10.1139/cjfas-2023-0175
- 94 Franzoi Dri G., Hunter M, Mortelliti A. Patterns of acorn selection in *Peromyscus* mice and possible implications in a changing climate. *Journal of Mammalogy*, *in press*
- 93 Yen I, Gardner, A., Mortelliti A. In the Lyme light: individual trait determinants of *Borrelia burgdorferi* infection in *Peromyscus* mice. 2024. *Journal of Mammalogy*, 105 (1): 143–156. <https://doi.org/10.1093/jmammal/gyad108>
- 92 Evans BH, Brehm AM, Franzoi Dri G., Archambault G, Bolinjar G., **Mortelliti A.** 2024. Differential habitat use between demographic states of black bears in managed timber forests. *The Journal of wildlife management*, Volume88 (1)e22501. <https://doi.org/10.1002/jwmg.22501>.
- 91 Shamon (...) **Mortelliti**, A. McShea. 2023. SNAPSHOT USA 2021: A third coordinated national camera trap survey of the United States. *Ecology*, *in press*
- 90 Fusco (..) **Mortelliti** (..) 2024. Population genomic structure of a widespread, urban-dwelling mammal, the Eastern gray squirrel (*Sciurus carolinensis*). *Molecular Ecology*, 33(3)e17230 10.1111/mec.17230

- 89 Butler A., Evans BH, **Mortelliti** A, Moll R. 2023 Forest and snow rather than food or foe limit the distribution of a generalist mesocarnivore in winter. *Ecosphere*, 2023;14:e4706.
- 88 **Mortelliti** A. 2023. The importance of animal behavior for ecosystem services. *Trends in Ecology and Evolution*, 38(4), 320-323 doi.org/10.1016/j.tree.2022.10.009.
- 87 Biello, R., Brunelli, A., Sozio, G., **Mortelliti** A., Ketmaier V., Torres Vilaça S. Bertorelle G. 2022. The genetic structure and connectivity in two sympatric rodent species with different life histories are similarly affected by land use disturbances. *Conservation Genetics* 24, 59–72 (2023). <https://doi.org/10.1007/s10592-022-01485-z>
- 86 Merz M.R., Boone S.R. **Mortelliti** A. 2023. Predation risk and personality influence seed predation and dispersal by a scatter-hoarding small mammal. *Ecosphere*, 14:e4377. Doi:10.1002/ecs2.4377
- 85 Franzoi-Dri G., Blomberg E.J., Hunter M, Vauchan J., **Mortelliti** A. 2022. Developing cost-effective monitoring protocols for track-surveys: an empirical assessment using a Canada lynx *Lynx canadensis* dataset spanning 16 years. *Biological Conservation* 276, 109793.
- 84 Franzoi-Dri G., Hunter M, Witham J., **Mortelliti** A. 2022. Pulsed resources and the resource-prediction strategy: a field-test using a 36-year study of small mammals. *Oikos*, 11, e09551.
- 83 Evans BH, Mortelliti A. 2022. Forest disturbance and occupancy patterns of short-tailed weasel (*Mustela erminea*) and long-tailed weasel (*Neogale frenata*): results from a large-scale natural experiment in Maine, USA. *Journal of mammalogy*, 103, 1338–1349
- 82 Kays, R.,Cove, M., (...) **Mortelliti** A., (...)McShea W.J. 2022. SNAPSHOT USA 2020: A second coordinated national camera trap survey of the United States during the COVID-19 Pandemic. *Ecology*, 103, e3775.
- 81 Brehm A., **Mortelliti** A. 2022.Small mammal personalities generate context-dependence in the seed dispersal mutualism. *PNAS*, 119 (15), e2113870119.
- 80 **Mortelliti** A., Brehm, A., Evans. 2022. Umbrella effect of monitoring protocols for mammals in the Northeast US. *Scientific Reports*, 12 (1), 1-12.
- 79 Evans, B., **Mortelliti** A. 2022. Effects of forest disturbance, snow depth and intraguild dynamics on American marten (*Martes americana*) and fisher (*Pekania pennanti*) occupancy patterns in Maine, USA. *Ecosphere*, 13 (4), e4027.
- 78 Mensinger,M., Brehm, A., **Mortelliti** A., Blomberg E., Zydlewski J. 2021. Eel personality and body length influence passage success in experimental fishway. *Journal of Applied Ecology* 58: 2760-2769 doi:10.1111/1365-2664.14009
- 77 Brehm A.M., **Mortelliti** A., 2021. Land-use change alters associations between personality and

- microhabitat selection. *Ecological Applications* 31: e02443. Doi: 10.1002/eap.2443
- 76 Boone S., Brehm A.M., **Mortelliti** A. 2021. Seed predation and dispersal by small mammals in a landscape of fear: effects of personality, predation risk, and land-use change. *Oikos* 2022: e08232. 10.1111/oik.08232
- 75 Hunter M., Boone S., Brehm, A.M. **Mortelliti** A. 2022 Modulation of ecosystem services by animal personalities. *Frontiers in Ecology and the Environment* 20 (1), 58-63.
- 74 Cove M.V, Kays R., (...), **Mortelliti** A., (...) McShea W.J. 2021. SNAPSHOT USA 2019: a coordinated national camera trap survey of the United States. *Ecology*, 102: e03353 <https://doi.org/10.1002/ecy.3353>
- 73 **Mortelliti** A., Brehm A.M. 2020. Environmental heterogeneity and population density affect the functional diversity of personality traits in small mammal populations. *Proceedings of the Royal Society B* (287: 20201713)
- 72 Brehm A., Tironi S., **Mortelliti** A. 2020 Effects of trap confinement on personality measurements in two terrestrial rodents. *Plos one*, 15(1): e0221136.
- 71 Buyaskas M, Evans B, **Mortelliti** A. 2020 Assessing the effectiveness of trail cameras with attractants to detect northeastern mammals. *Mammalian Biology*, 100, 91–100.
- 70 Brehm A., **Mortelliti** A.\*, Maynard G., Zydlewski J. 2019. Land-use change and the ecological consequences of personality in small mammals. *Ecology Letters*, 22: 1387–1395 \* *joint first authorship*
- 69 **Mortelliti** A., Greutzmann I., Fraver S., Brehm A., Calkins S., Fisichelli N. 2019. Small mammal controls on the climate-driven range shift of woody plant species. *Oikos*, 128: 1726–1738
- 68 Boone S., **Mortelliti** A. 2019. Small mammal tree seed selection in mixed forests of the Eastern United States. *Forest Ecology and Management*, 449, 117487.
- 67 Evans B, Mosby C., **Mortelliti** A. 2019. Assessing linear arrays with multiple trail cameras to detect North American mammals. *Plos One*, 14(6), e0217543.
- 66 Smith A., Kujala H., Lahoz-Monfort J., Guja L.K., Burns E.L., Nathan R., Alacs E., Barton P., Bau S., Driscoll D.A., Lentini P.A., **Mortelliti** A., Rowe R., Buckley Y.M. 2019 Managing uncertainty in movement knowledge for environmental decisions. *Conservation Letters*, e12620.
- 65 Broto B., **Mortelliti** A. 2019. The status of research on the mammals of Sulawesi, Indonesia. *Mammal Review* 49 (1), 78-93.
- 2018**
- 64 Brehm A., **Mortelliti** A. 2018. Mind the trap: large-scale field experiment shows that trappability is not a proxy for personality. *Animal Behaviour* 142, 101-112.

- 63 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.

## 2017

- 62 Kay GM., **Mortelliti A.**, Tulloch A., Barton P., Wood J., Lindenmayer D. 2017. Effects of past and present livestock grazing on herpetofauna in a landscape-scale experiment. *Conservation Biology* 31: 446–45
- 61 Ogawa, R. **Mortelliti A.**, Witham J.W., Hunter M.L. 2017. Demographic mechanisms linking tree seeds and rodent population fluctuations: insights from a 33-year study. *Journal of Mammalogy* 98 (2): 419-427.
- 60 Iannarilli F., Melcore I., Sozio G., Roviani D., **Mortelliti A.** 2017 Long term colonization and extinction patterns of a forest dependent rodent (*Muscardinus avellanarius*) in highly fragmented landscapes. *Hystrix* 28: 73-77.
- 59 Lindenmayer D., **Mortelliti A.**, Ikin K., Pierson J., Crane M., Michael D., Okada S. 2017. The vacant planting: limited influence of habitat restoration on colonization and extinction patterns by arboreal marsupials in south-eastern Australia. *Animal Conservation* 20, 294–304.
- 58 Mouton A., **Mortelliti A.**, A. Grill, M. Sara, B. Kryštufek, R. Juškaitis, A. Latinne, G. Amori, E. Randi, S. Büchner, B. Schulz, S. Ehlers, J. Lang, P. Adamik, G. Verbeylen, M. Dorenbosch, R. Trout, M. Elmeros, G. Aloise, S. Mazzoti, F. Matur, F. Poitevin, J. R. Michaux. 2017 Evolutionary history and species delimitations: the hazel dormouse, *Muscardinus avellanarius* as a case of study. *Conservation genetics* 181–196.

## 2016

- 57 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.
- 56 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.
- 55 Bani L., Orioli V., Pisa G., Fagiani S., Dondina O., Fabbri E., Randi E., Sozio G., **Mortelliti A.** 2016. 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.

- 54 Kay G., Driscoll D.A., Lindenmayer D., Pulsford S.A., **Mortelliti** A. 2016. Pasture height and crop direction influence reptile movement in an agricultural matrix. *Agriculture, Ecosystems and Environment* 235: 164–171.
- 53 Gasperini S., **Mortelliti** A., Bartolommei P., Bonacchi A., Manzo E., Cozzolino R. 2016. Effects of forest management on density and survival in three forest rodent species. *Forest Ecology and Management* 381:151-160
- 52 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 (1).
- 51 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
- 50 **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 melanocephala*) in a highly fragmented landscape? *Diversity and Distributions* 22, 770–782.

## **2015**

- 49 **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.
- 48 **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]
- 47 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.
- 46 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.
- 45 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
- 44 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.

- 43 Ikin, K. **Mortelliti** A., Stein J., Michael D., Crane M., Okada S. Wood J. Lindenmayer D. 2015. How do interacting abiotic conditions and agricultural land management practices affect temperate woodland habitat structures? *Landscape Ecology* 30, 1387–1403.
- 42 **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.
- 41 Lindenmayer D.B., Blanchard W., Tennant P., Barton P., Ikin K., **Mortelliti** A., Crane M, Okada S. 2015. Major landscape transformation produces contrasting responses in species richness, assemblage composition and functional diversity. *Diversity and Distributions* 21, 836-847.
- 40 **Mortelliti** A., Westgate M, Stein J., Lindenmayer D.B. 2015 Ecological and spatial drivers of population synchrony in bird assemblages. *Basic and Applied Ecology* 16 (3), 269-278.
- 39 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. *Zoologica scripta* 45:349-364.
- 38 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.
- 37 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.
- 36 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.
- 35 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.

## 2014

- 34 **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.



- 33 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.
- 32 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.
- 31 Ancillotto L., Sozio G., **Mortelliti** A., Russo D. 2014. Ultrasonic communication in Gliridae (Rodentia): the hazel dormouse (*Muscardinus avellanarius*) as a case-study. *Bioacoustics* 23: 129-141.
- 30 **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>

## **2013**

- 29 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.
- 28 Ancillotto L., Sozio G., **Mortelliti** A. 2013. Multiple broods from a single mating in the hazel dormouse (*Muscardinus avellanarius*). *Mammalia* 77: 455-456.
- 27 **Mortelliti** A. 2013. Targeting habitat management in fragmented landscapes: a case study with forest vertebrates. *Biodiversity and Conservation* 22:187-207.
- 26 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.
- 25 **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.
- 24 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.
- 23 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.
- 22 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.

- 21 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.

## 2012

- 20 **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.
- 19 Mouton A., Krystufek B, Sarà M., Randi E., Amori G., Juskaitis R., Grill A., Aloise G., **Mortelliti** A., Panchetti F., Michaux J. 2012. Evidence of a complex phylogeographic structure in the common dormouse, *Muscardinus avellanarius* (Rodentia: Gliridae). *Biological Journal of the Linnean Society* 105: 648-664.
- 18 **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.
- 17 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.

## 2011

- 16 **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.

## 2010

- 15 **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.
- 14 **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.
- 13 **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.
- 12 **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.
- 11 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.

#### 2009

- 10 **Mortelliti A.**, Boitani L. 2009. Distribution and coexistence of shrews in patchy landscapes: a field test of multiple hypotheses. *Acta Oecologica* 35: 797-804.
- 9 **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.
- 8 **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.

#### 2008

- 7 **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.
- 6 **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.
- 5 **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.

#### 2007

- 4 **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.
- 3 **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.
- 2 **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.

#### 2006

- 1 **Mortelliti A.**, Boitani L. 2006. Patterns of rodent species abundance and diversity in a Kenyan

relict tropical rainforest. *Biodiversity and Conservation* 15: 1425-1440.

### Submitted

Merz, Mortelliti. Intraspecific variation in the landscape of fear: personality-driven trade-offs in habitat selection

Kays Pnas

Matthew A. Mensinger, Andrea N. Casey, Alessio Mortelliti, Joseph D. Zydlewski. Reservoir temperature and topography influence Atlantic salmon (*Salmo salar*) smolt predation risk from smallmouth bass (*Micropterus dolomieu*) and chain pickerel (*Esox niger*). *Biological Conservation*

Mortelliti A., Bergamin R., Bartolommei P., Greco I., Manzo E. Rovero F., Fonda F. Cost-effectiveness of lures in attracting mammals: a large scale camera-trapping field test on European species. *Mammal Review*

### **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].

## **GRANTS AND FELLOWSHIPS**

I have been the recipient of a number of national and international grants, **totaling in excess of 3 million US\$**. Funding has been awarded by a variety of institutions including: federal agencies (e.g., National Science Foundation); management agencies (Maine Department of Inland Fisheries and Wildlife, State Forestry Corps of Italy, ARP (Regional Protected Areas Agency), Italian Forestry Corps); and private foundations (e.g. Mohammed Bin Zayed Conservation funds, Ethoikos Foundation, AAAS (American Association for the Advancement of Sciences), Cooperative Forestry Research).

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|-------------|---|
| 2023 - 2025 | <b><u>PRIN (Italy)</u></b> : Predicting the range-shifts of woody plant species by incorporating the critical role of small mammal scatter-hoarders. <b>(€236.381)</b> – Principal Investigator.  |
| 2020 - 2025 | <b><u>National Science Foundation (USA)</u></b> : CAREER: Linking individual variation in behavior to plant community dynamics within disturbed landscapes IOS#1940525. <b>(\$875,000)</b> – Principal Investigator.                                  |
| 2020 -2021  | Maine Department for Inland Fisheries and Wildlife (USA): Development of an efficient and effective Lynx ( <i>Lynx canadensis</i> ) monitoring protocol to inform post-delisting monitoring in Northern Maine (\$50,600) – Co-Principal Investigator. |
| 2020-2023   | US Dept of Commerce: Does predation limit Atlantic salmon recovery? (\$552,157) - Co-Principal Investigator.  |
| 2019        | Cooperative Forestry Research Unit (USA): Development of Large-scale Optimal Monitoring Protocols for Carnivores (\$35,000) – Principal Investigator.   |

2019	US Forest Service (USA): Contribution for conducting research in the Penobscot Experimental Forest (\$7,000) – Principal Investigator
2017-2020	Cooperative Forestry Research Unit (USA): Development of Large-scale Optimal Monitoring Protocols for Carnivores (\$35,000) – Principal Investigator.
2017	Penobscot Experimental Forest ROT (USA): Grant for conducting research in the Penobscot Experimental Forest (\$7,000) – Principal Investigator.
2017	Research and Reinvestment Fund University of Maine (USA): RRF undergraduate and graduate research assistantships (\$42,000) – Principal Investigator.
2017	American Association for the Advancement of Science (USA): Second Century Stewardship grant (\$20,000) – Principal Investigator.
2016-2020	Australian Research Council Linkage Grant (Australia)- Biodiversity response to long-term landscape change in agricultural landscapes (AU\$522,000) – Co-Principal Investigator.
2016	<b><u>Maine Department of Inland Fisheries and Wildlife</u></b> (USA) Development of Large-scale Optimal Monitoring Protocols for Mesocarnivores ( <b>\$322,000</b> ) – Principal Investigator.
2013	Australian National University Fellowship (Australia) (AU\$262,052) – Principal Investigator.
2010-2012	Ethoikos Foundation (Italy): effects of food resources on source-sink dynamics in small mammals (€18,000) – Co-Principal Investigator.
2012	Food and Agriculture Organisation (Italy): Funding for conducting workshop on wildlife monitoring in North Africa and in the Middle East (\$15,000).
2011-2013	University of Milano Bicocca and University of Rome ‘La Sapienza’, Italy: Grant for two Phd students (approximately €90,000);
2012	World Wildlife Fund ‘Biodiversamente’ grant, (Italy): Optimal management strategies for the hazel dormouse in fragmented landscapes of Central Italy ( <i>Muscardinus avellanarius</i> ) (€12,000); – Principal Investigator.
2012	Lamone Regional Park (Italy): Monitoring plan for the Hazel dormouse ( <i>Muscardinus avellanarius</i> ) (€5,000) – Principal Investigator.
2010-2012	Regional Park Agency and Circeo National Park, Italy: Effects of Wild Boar ( <i>Sus scrofa</i> ) on biodiversity (€40,000) – Principal Investigator.
2010	Mohammed bin Zayed Fund, United (Arab Emirates): expedition in the Mekkonga Mountains, southeast Sulawesi, Indonesia, grant #0925478 (\$20,000)– Principal Investigator.

- 2010 Juan de la Cierva Grant, Ministerio de Ciencia e Innovacion (Spain); (approximately €90,000; not used for personal reasons) – Principal Investigator.
- 2010 Yggdrasil Grant, Research Council of Norway; (approximately €10,000; not used for personal reasons) – Principal Investigator.
- 2009-2012 University of Rome ‘La Sapienza’ (Italy): Postdoctoral fellowship (€60,000)– Principal Investigator.
- 2008 Institute of Applied Ecology (Italy): Distribution of the mink *Neovison vison* in the Lazio Region (€10,000) – Co-Principal Investigator.
- 2007-2009 Regional Park Agency (Italy): Grant for the realization of the Atlas of mammals in the Lazio region (€40,000) – Co-Principal Investigator.
- 2006 Faunistic Institute of the Province of Siena (Italy): impact of habitat loss and fragmentation (grant number Nr. 337/364 and 1642/1801) (€7,000) – Co-Principal Investigator.
- 2004-2007 Italian Ministry of Education, Scientific Research and Technology (Italy): PhD Fellowship (€ 40,000).
- 2002 University of Rome ‘La Sapienza’, (Italy): Grant for conducting the fieldwork for my thesis in Kenya (€1,200) – Co-Principal Investigator.
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## **INVITED TALKS**

2023	4 <sup>th</sup> national Conference on Small Mammals, <b>keynote invited speaker</b> , Italy..
2022	Bangor Land Trust
2021	University of Vienna, Austria.
2021	University of Potsdam, Germany.
2021	Université Laval, Quebec, Canada.
2021	Maine Conservation Voters, Maine, USA.
2020	University of Trento, Italy (virtual seminar).
2020	Italian Theriological Society meeting, Italy (virtual seminar).
2020	University of Goettingen, Germany (virtual seminar).
2020	Symposium on Climate Change in Maine's Mountains (virtual seminar).
2020	School of Marine Sciences, University of Maine.
2019	Universite' de Quebec a Montreal, Quebec, Canada.
2019	Universite' de Sherbrooke, Quebec, Canada.
2019	Jackson Lab, Bar Harbor, Maine, USA.
2019	Dirigo Pines Community, Orono, Maine, USA
2019	Acadia National Park, Bar Harbor, Maine, USA
2018	College of the Atlantic, Bar Harbor, Maine, USA.
2018	Acadia National Park, Bar Harbor, Maine, USA.
2017	University of Rome 'La Sapienza', Rome, Italy.
2017	Holt Forest Foundation, Brunswick, Maine, USA
2016	US Fish and Wildlife, Orono, Maine
2016	US Forest Service, Orono, Maine
2015	Maine Department of Inland Fisheries and Wildlife, Bangor, Maine, USA.
2015	University of Florida, Gainesville, Florida, USA.
2014	Macquarie University, Sydney, Australia.
2013	Australian National University, Canberra, Australia.
2012	University of Natural Resources and Applied Life Sciences, Vienna, Austria.
2012	University of Viterbo, Italy.
2012	Parco Naturale Alpi Marittime, Italy.
2011	University of Pisa, Italy.
2011	German Congress of Mammalogy, <b>keynote invited speaker</b> , Luxembourg.
2011	Bulgarian Academy of Sciences, Sofia, Bulgaria.
2007	University of Siena, Italy.



## **EDITORIAL ACTIVITIES**

- 2021- present    **Associate editor**– *Journal of Mammalogy* (American Society of Mammalogists)
- 2020 - present    **Associate editor**– *Ecosphere* (Ecological Society of America)
- 2019- present    **Editorial Board** – *Mammal Review*
- 2014- 2020        **Associate editor** - *PloS One*
- 2012- present    **Associate editor** - *Hystrix Italian Journal of Mammalogy*
- 2008- present    **Reviewer** for more than 50 journals including: *Animal Behaviour, Animal Conservation, Biodiversity and Conservation, Biological Conservation, Conservation Biology, Diversity and Distributions, Ecography, Ecology, Ecological Applications, Ethology, Ecology Letters, Forest Ecology and Management, Journal of Theoretical Biology, Journal of Zoology, Journal of Wildlife management, Landscape Ecology, Mammal Review, Mammalian Biology, Nature Climate Change, Proceedings of the Royal Society B, Wildlife Biology, Wildlife Research.*

## **CONFERENCES**

- 2023                4<sup>th</sup> national Small mammal Conference, Grosseto, Italy (plenary lecture)
- 2022                American Society for Mammalogy Conference, Tucson, USA
- 2020                7th Frugivores and Seed Dispersal Symposium, Corbett, India
- 2017                American Society for Mammalogy Conference, Moscow, USA
- 2014                EcoTas13 5th Joint Conference of New Zealand Ecological Society and Ecological Society of Australia, Auckland, New Zealand.
- 2014                Italian Ecological Society, Ferrara, Italy.
- 2012                8<sup>th</sup> Italian Theriological Conference, Piacenza, Italy.
- 2011                6<sup>th</sup> European Mammalogical Congress, Paris, France.
- 2011                85th annual meeting of the German Society of Mammalogy (Keynote speaker), Luxembourg.
- 2011                8th International Dormouse Conference, Ostriz, Germany.
- 2010                24<sup>th</sup> Annual Meeting of the Society for Conservation Biology, Edmonton, Canada.
- 2010                1<sup>st</sup> Italian conference on small mammals, Nazzano, Italy. (Co-organizer).
- 2009                2nd European Congress of Conservation Biology, Prague, Czech Republic.
- 2008                SIEP-IALE, Bari, Italy.
- 2007                European Mammalogical Congress, Siena, Italy.

- 2006 7<sup>th</sup> International Association for Landscape Ecology Congress, Wageningen, Holland.
- 2006 1st European Congress of Conservation Biology, Eger, Hungary.
- 2006 10<sup>th</sup> Rodens et spatium, Parma, Italy

## **AWARDS**

- 2021 Graduate Faculty Mentor Award – University of Maine Graduate Student Government.
- 2014 Winner of the NERP-EDG prize (AU\$6,000) 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 (€6,000).
- 2008 Winner of the prize 'A diamond for research, Landscape Ecology'. University of Viterbo, Italy.

## **TEACHING EXPERIENCE**

- 2008-present I have been the primary supervisor for a total of 40 students (including 9 PhD and 31 MSc and Honors students). My lab is currently composed of 6 graduate students: <https://alessiomortelliti.weebly.com/people.html>
- 2023 At the University of Trieste I teach a 6 credits course on *Wildlife Management* and a 6 credit course on *Field techniques*.
- 2015-2022 At the University of Maine I taught several undergraduates courses:  
*WLE 450 Wildlife habitat relationships* (3 credits, undergraduate level).  
*WLE 479 Wildlife conservation in a changing world* (3 credits, undergraduate level).  
*WLE 650 Occupancy modelling* (3 credits, graduate level).  
*EES 475 Field course in Tropical Ecology* (3 credits, graduate level). Taught during Spring 2017 (Tanzania) and Fall 2018 (Peru).  
*WLE 250 Field ecology* (1 credit, undergraduate level).
- 2012 Wildlife monitoring (Tunisia and Mauritania) – UN FAO course. 40 hours.
- 2012 Guest lecturer (Boku International Wildlife Lectures) University of Natural Resources and Life Sciences, Vienna. 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'. University of Rome 'La Sapienza', Italy.

2008- 2010	Series of seminars on habitat loss and fragmentation; occupancy modeling and faunistic inventories. Masters course in Conservation of Animal Biodiversity, University of Rome 'La Sapienza', Italy.
2007-2008	Training courses (including field workshops) for park wardens and naturalists working in Regional Parks. Topics covered: surveying and monitoring of mammals. Lazio region, Italy.
2007	Seminars for undergraduates on 'Inventorying and monitoring mammals'. University of Siena, Italy.

## **SERVICE**

2021	Member of the Geddes Simpson Lecture Committee. University of Maine, USA.
2020-2021	Member of the National Science Foundation National Ecological Observatory Network - Small Mammal Technical Working Group. I provide technical input and advice regarding the science design and protocols related to the National Ecological Observatory Network, USA.
2019-2021	Graduate coordinator for the Masters in Wildlife Conservation, University of Maine, USA. I coordinate activities for the masters program, including admissions, advising and graduation.
2019-2021	Co-chair of the Seminar series committee, University of Maine, USA. I coordinate the activities of this committee.
2015-2021	Faculty advisor for approximately 20 undergraduate students/year, University of Maine, USA.
2015-2021	Consultant for the Maine Department of Inland Fisheries and Wildlife, Bangor, USA. I provide informal advice on scientific issues such as sampling design, data analysis, monitoring protocols.
2020	Faculty search committee member, University of Maine, USA.
2018	NSFA undergraduate curriculum committee, University of Maine, USA.
2011	Member of the Italian Red list committee (mammals), Italy.

## **COLLABORATIONS WITH FEDERAL, STATE AND REGIONAL AGENCIES**

2021	Collaboration with the National Oceanic and Atmospheric Administration for a project focused on predation of Atlantic Salmon. Maine, USA
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2015-2021	Collaboration with the Maine Department of Inland Fisheries and Wildlife and the Cooperative Forestry Research Unit on two projects: one focused on developing monitoring plans for mesocarnivores and one focused on the Canadian Lynx. Maine, USA.
2019	Collaboration with the US Forest Service to study seed predation and plant germination in the Penobscot Experimental Forest. Maine, USA
2012	Consultant for UN Food and Agriculture Organisation. Tunisia and Mauritania.
2011-2013	Collaboration with the Forestry Corps of Italy (CFS) to develop management plans for 7 protected Areas. Italy.
2010-2011	Collaboration with the Circeo National Park and ARP (Regional Protected Areas Agency) to develop monitoring plans for the impact of the wildboar ( <i>Sus scrofa</i> ) on biodiversity, Italy.
2010-2013	Collaboration with the Selva del Lamone Regional Protected Area to develop monitoring plans for the hazel dormouse <i>Muscardinus avellanarius</i> . Italy.
2008-2010	Collaboration with the ARP (Regional Protected Areas Agency) to realize the Atlas of Mammals in the Lazio Region, Italy
2008-2009	Collaboration with the ARP (Regional Protected Areas Agency) and Institute of Applied Ecology to study the distribution of the mink <i>Neovison vison</i> in the Lazio Region, Italy.
2008 – 2009	Collaboration with the Marturanum Nature Reserve to study the distribution and species - habitat associations of shrews (Soricomorpha) in the Marturanum nature reserve'. Italy.
2008	Collaboration with the Libyan Protected Areas Agency to develop the Action Plan for the Establishment of a National Park of the Acacus and Messak, Libya.
2006-2009	Collaboration with the Faunistic Institute of the Province of Siena to study the impacts of habitat loss and fragmentation on mammals. 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, Italy. [In Italian].

## **MEDIA HIGHLIGHTS AND SCIENCE COMMUNICATION**

- 2022 NY Times article on my personality research (the article was also the cover of paper version of the newspaper):  
<https://www.nytimes.com/2022/11/25/science/climate-forests-seeds-mice.html>
- 2022 National Public Radio-affiliated podcast  
<https://www.wbur.org/endlessthread/2022/10/14/lazy-foxes-bold-mice>
- 2022 Interview with the NY Times for my work on animal personalities:  
<https://www.nytimes.com/2022/03/05/science/animal-personalities.html>
- 2022 Bangor Daily News article on our PNAS paper: <https://bangordailynews.com/2022/04/07/bdn-maine/umaine-research-shows-animal-personalities-change-what-role-critters-play-in-building-the-world-around-them/>
- 2022 Toronto Star article on my work on animal personalities:  
<https://www.thestar.com/life/2022/03/25/the-secret-personalities-of-the-red-squirrels-of-ashbridges-bay.html>
- 2022 Bangor Daily News article on my work focused on carnivores:  
<https://bangordailynews.com/2022/04/12/outdoors/martens-key-to-declining-species-joam40zk0w/>
- 2022 Interview with the News Center Maine for my work on marten and other mammals in Maine:  
<https://www.newscentermaine.com/article/news/special-reports/maines-changing-climate/what-the-marten-reveals-about-the-health-of-maine-forests-environment-trees/97-53ac89fa-4b61-465b-97e5-4f7e1e024524>

- 2022 Bangor Daily News article on my work focused on the American Marten  
<https://bangordailynews.com/2022/04/11/bdn-maine/understanding-the-american-marten-could-aid-conservation-but-habitat-loss-threatens-its-existence/>
- 2019 “Carried away: Small mammals aid expansion of warm-climate trees” - press release by the Schoodic Institute on my Oikos paper: <https://tinyurl.com/yy8ezttm>
- 2019 “Mind over matter: Study looks at how personality of a mouse may affect the structure of a forest” - UMaine press release on my Ecology Letters paper:  
<https://tinyurl.com/yxpwrmon>
- 2018 University of Maine Today featured an article about my projects:  
<umainetoday.umaine.edu/stories/2018/wallflower-or-risk-taker/>  
 Two short movies: Small mammals, big personalities:  
<https://www.youtube.com/watch?v=NqIXnbIrKTE>  
 Carnivores of Maine  
<https://www.youtube.com/watch?v=6bDAIlg9Tq4>
- 2014 I released on YouTube an experimental stop 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.ecosmagazine.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":

## **PROFESSIONAL MEMBERSHIPS**

- American Society of Mammalogists
- Ecological Society of America
- Italian Theriological Association
- Small Mammal Research Group (Gruppo Piccoli Mammiferi – Italy)

## **LANGUAGES**

**Italian:** mother tongue

**English:** spoken (excellent); written (excellent) (C2)

**French:** spoken (intermediate); written (basic) (B1)